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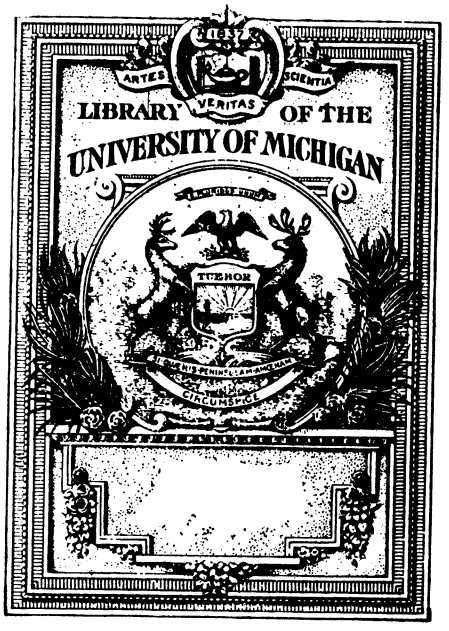
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DEPARTMENT OF AGRICULTURE AND NATURAL RESOURCES
WEATHER BUREAU
REV. JOSÉ ALGUÉ, S. J., DIRECTOR

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ANNUAL REPORT OF THE WEATHER BUREAU

PART I

WORK OF THE WEATHER BUREAU DURING THE CALENDAR YEAR 1916

PART II

HOURLY METEOROLOGICAL OBSERVATIONS MADE AT THE CENTRAL OBSERVATORY OF MANILA DURING THE CALENDAR YEAR 1916

MANILA
BUREAU OF PRINTING
1917

151387

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Philippine Islands WEATHER BUREAU
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Gen. Gift Bureau.

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PART II.

HOURLY METEOROLOGICAL OBSERVATIONS MADE AT THE CENTRAL OBSERVATORY DURING THE CALENDAR YEAR 1916.

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PART I.

WORK OF THE WEATHER BUREAU DURING THE CALENDAR YEAR 1916.

WORK OF THE WEATHER BUREAU DURING THE CALENDAR YEAR 1916.

I. WORK OF THE CENTRAL OBSERVATORY.

1. METEOROLOGICAL DEPARTMENT.

As far as the Philippines are concerned, the year 1916 has been extraordinarily free from typhoons. With the exception of January's floods and typhoons, very little damage has been done by storms during the year, only one having crossed the Archipelago through the Babuyanes Islands in the month of September. The floods which occurred in Mindanao after the 20th of January were generally considered as the worst and most destructive experienced in many years in that Island. A detailed account of these floods, together with the tracks of the typhoons of January, was prepared for publication in our monthly bulletin By Rev. José Coronas, S. J., the Chief of the Meteorological Department, sufficient number of reprints having been issued for general distribution.

In spite of so few typhoons as have crossed the Philippines during this year, the number of typhoons observed in our weather map of the Far East was not much different from the average. Hence the total number of typhoon warnings sent to foreign observatories was 107 as against 101 during the preceding year and 127 in 1914.

Telegraphic communication with the Western Carolines was reëstablished by the Japanese Government during the second half of the year, thus enabling our Filipino observer at Yap to send us occasional meteorological observations, as it had been done for many years previous to the Eastern complications subsequent to the outbreak of the European War.

The number of barometers compared and tested during the year was 130 as against 155 in 1915.

Owing to serious illness of two of our best employees, the preparation of our monthly bulletins has been greatly delayed, while the work of preparing the annual report containing the observations taken at the secondary stations had to be suspended for a few months: both the monthly bulletin and annual report shall be pushed again and put up to date as soon as possible.

Thanks to the coöperation of the Commander-in-Chief, U. S. Asiatic Fleet, and of the Commandant of Olongapo and Cavite Naval Stations, the Manila Observatory is able to receive since December last wireless weather messages sent by the vessels of the Asiatic Fleet at sea. In order to secure a uniform and speedy transmission of the radiograms, Rev. Miguel Selga, Secretary of the Weather Bureau, was detached to Olongapo with proper instructions to confer with the Commandant about the data to be included in these reports and the best means of routing the weather telegrams to Manila Observatory. It was decided that the messages be transmitted directly by the vessels at sea to Cavite and from Cavite to Manila via Corregidor. The station of the Signal Corps at Manila kindly telephones these reports to the Manila Observatory. The data to be included are: Day and hour of observation; position of the steamer at the time of observation; barometer corrected for instrumental error and reduced to sea level but not corrected for temperature, and the direction and force of the wind.

As these weather messages are of the greatest value for the forecasting of weather conditions in the neighboring seas, the coöperation of the naval officers mentioned above is very much appreciated by the Weather Bureau.

The Manila Observatory has also coöperated as far as possible and whenever requested with the work of other Government offices or private institutions. Besides the regular monthly or annual contributions, particularly with the Bureau of Health and the Bureau of Agriculture, the following undertakings may deserve special mention.

It having been understood from the aviation officers that a compilation of certain meteorological elements of the Manila climate would have been very useful to Captain William Lay Patterson, aviation officer at Fort Mills, Corregidor, in his investigation of the upper air, the coöperation of the Weather Bureau was immediately offered to the latter with a desire to comply in every possible way with the wishes of the Army and the aviation officer. In order to secure better results Rev. Miguel Selga, Secretary of the Weather Bureau, was detached to Corregidor to talk over the subject with Captain Petterson and to know from him what meteorological data were more necessary, what charts were required, and what arrangements could be made. As a result of this conference and in compliance with the request of Captain Patterson, seven charts were prepared at the Manila Observatory representing several of the most important meteorological elements for Manila.

Another important work was prepared at the Manila Observatory under the immediate direction of Rev. Father Selga in coöperation with a very important investigation of the Bureau of Health. By a special request of Dr. Long, the Director of the Bureau of Health, the extreme daily values for atmospheric pressure, temperature and relative humidity were plotted in five big charts (5 meters long each) of millimeter paper for the years 1911 to 1915 both inclusive. Similar charts for the coming years shall be prepared at the Bureau of Health, the data being furnished every ten days by the Manila Observatory. Daily cases of typhoid fever, cholera, etc., are plotted in the same charts, in order to find out whether any relation may exist between the rapid sudden reappearances of eruptions of these epidemical deseases and any sudden change in the extreme values of the climatic elements just mentioned.

Thirteen maps showing the tracks of depressions ad typhoons which passed very near or over the Philippines during the last ten years, 1905 to 1914, were prepared at the Manila Observatory in the month of January at the request of the secretary of the Manila Merchant's Association.

2. SEISMIC DEPARTMENT.

In this department, which has instruments in the Manila Observatory, at Baguio, Ambulong, Butuan, Sorsogon, and Agaña, Guam, the work has been conducted as in former years. The station of Sorsogon is a new one opened on the occasion of Bulusan volcano eruption, of which further details will be given below.

During the last year the seismograph at Manila registered 395 disturbances. Their distribution with reference to the distance where the origin lay is the following: Seventy-five originated in the neighborhood of Manila, say, within 100 kilometers; 201 either in some of the Philippine Islands or in the surrounding seas, at distances of less than 1,000 kilometers; 104 properly in the Far East countries, that is, between 1,000 and 5,000 kilometers. Within such a distance are the highly seismic regions of Japan, New Guinea, and Celebes. From countries and seas situated beyond 5,000 kilometers and within 10,000 kilometers only 13 disturbances were recorded, while 7 proceeded from regions 10,000 to 14,000 kilometers far away. Due to the European War

there are not yet sufficient data at hand to calculate the geographic positions of the places where those most distant earthquakes occurred.

Of the seismographs working in the above-mentioned stations that of Butuan gave the highest number of records; it amounts to 1,022 disturbances. Most of them, about 80 per cent, belong to seismic disturbances considered as regional of Mindanao, their origin being not further than 500 kilometers; it is known that most frequently they take place in the great Philippine Deep, existing along the eastern coast of Mindanao and Samar.

Baguio and Ambulong recorded many local disturbances and a good percentage of those registered in Manila proceeding from distances of 200 to 5,000 kilometers.

Agaña sent only 125 records, a number rather small in comparison with those of Manila and Butuan. As the number of perceptible shocks felt in that place has been also exceedingly small, it seems plain that the quiet period mentioned in other reports did not yet come to an end.

The total number of earthquakes felt in the different provinces of the Archipelago amounted to 135. Luzon and Mindoro Islands experienced 72, Visayan Islands 30, Mindanao 33. Fortunately the strongest, felt on the 4th of January in the central part of Panay, scarcely reached Grade VIII and did comparatively little damage. On July 13 and August 8 respectively, Southern Negros and Northern Luzon were strongly shaken but without any damage. From Agaña, Guam, only 11 light shocks were reported.

Bulusan Volcano and the temporary station at Irosin.—On the 20th of January news came about the awakening of the Bulusan Volcano, situated in the eastern part of the Sorsogon peninsula close to the San Bernardino Strait. This volcano had been nearly dormant during the whole historic period of the Philippines, that is to say, since they were discovered and occupied by the Spaniards. There exist only vague and doubtful reports in some histories of a mild state of activity about the year 1852. In reality nobody had visited it in order to study the shape and conditions of the crater.

It is not surprising therefore that the people of the nearer towns became greatly afraid lest a more formidable outburst would follow. Thus instant applications for aid and instructions were sent to the Government, the Weather Bureau, and the Bureau of Science, principally from Irosin, the town which due to the prevailing NE direction of the wind was more directly affected. The Bureau of Science sent a geologist there; the Weather Bureau after requesting some special particulars about the small eruptions and earthquake tremors gave full assurances that there were not sufficient grounds nor indications of a big eruption, a statement which so far has proved true.

The telegrams sent to and from Irosin were the following:

IROSIN, *January 20, 1916.*—Bulusan volcano in eruption since 2 a. m. of the 18th, it throws continually lava and ashes; yesterday some fire issued, the water of the stream running near the town has a dark colour, frightened residents flee from the town, is there any danger? Answer requested.

PRESIDENTE MUNICIPAL INTERINO.

The immediate answer to this telegram was:

Tell the amount of ashes fallen on the town. If there were many shocks felt before and during the eruption. Toward what direction runs the lava, is it incandescent? Did kill the vegetation on the top of the volcano and along the slope where it is pouring? The danger seems rather remote if there are not falling ashes and frequent shocks. Possibly the heavy rains caused landslides up the stream and made it muddy. Lighting may have been taken for fire. Please answer questions to form an opinion.

DIRECTOR OBSERVATORY.

Answer to the above questions was received on the 23d as follows:

In the first eruption on the 18th, 2 a. m., great amount of cold ashes and smoke during three-quarters of an hour, up to date eruption continues with less intensity; toward the SW of the volcano, due

to the prevailing direction of the wind ashes reach distances of 25 to 30 kilometers, one fair shock was felt on the 18th at 4 a. m., vegetation not killed, stream runs low but turbid with ashes; in the town first day half a centimeter, yesterday afternoon strong puffs of air with a sulphurous smell, this morning rumbling more audible, after it the top of the volcano was visible to the middle of the mountain, in the barrio of San Benon distant from the volcano as this town, fell on the 18th small stones and ashes to a depth of twenty centimeters..

In the morning of the 24th, after the above telegram was received, the Director of the Weather Bureau informed the Acting Secretary of the Interior about the matter and suggested that the Constabulary of the region be given instructions to watch the conditions and warn the people. After a conference with the said Officer it was considered convenient to send to the President of Irosin the following telegram:

Received telegram about eruption, authorities informed, providences will be taken. Town Irosin sufficiently far from volcano to make the danger remote, prevailing wind causes the ashes reach so far, if wind changes they probably will not reach.

DIRECTOR OBSERVATORY.

On the 24th the following telegram was received from Governor Eco:

People town Irosin frightened by continuous subterranean noises and seismic movements, please advise cause and whether case is dangerous.

The answer:

If much frequent shocks felt with rumblings, probable future eruption, but not considered probable mortiferous eruption can reach Irosin. Towns and barrios close to the volcano are more in danger, I think Constabulary officers have instructions.

Posterior telegrams received by the Executive Secretary and communicated to this Bureau showed that the eruption was abating and the people had more confidence and were returning to their homes.

But seeing that the people and specially the municipal authorities of Irosin were not yet satisfied with such reassurances, and at each new shock and specially at each noise, volcanic or otherwise, became startled, the Director of the Weather Bureau did not consider wise to drop the case, but proposed to visit and inspect the place and set up a seismograph in order to investigate if there occurred frequent earth tremors which would indicate underground strain.

This plan was approved by the Secretary of the Interior and after some preparations, on the 12th of February, the Director, Rev. José Algué, left Manila on board of the steamship *Garcia Pitogo* for Bulan and Irosin, with the mechanic Calixto Santiago. The people of Irosin received them with great enthusiasm and offered all the facilities to the fulfillment of their commission. The instrument was placed in the ground floor of a house belonging to the municipal president, and soon was ready to register any earth shock.

The absence of frequent shocks very soon confirmed the opinion that there were no indications of future and greater eruptions. A visit to the volcano would have been an extremely difficult task, the rainy season being not yet finished in that region: so the Director did not consider necessary to remain there for long time, and consequently he took again a steamer for Manila returning to the Observatory on the 28th. At Irosin he left the mechanic in care of the seismograph for further observation.

New permanent station in Sorsogon.—The instrument and the mechanic remained there for about three months; during this time only some twenty shocks were registered but most of them had the origin either in Camarines and Albay or in the Pacific. The behavior of the volcano during that time was in accordance with the absence of local tremors, small jets of vapor were and are to this day issuing forth from the different vents around the top, but there did not occur new eruptions of ashes and sand. Thus

considering the experiment sufficiently long it was resolved to transfer the instrument to the town of Sorsogon where a third-class meteorological station had to be established.

Accordingly on the 29th of May the Assistant Director, Miguel Saderra Masó, with the observer, Agustin Mendoza, left for Sorsogon on the steamship *Garcia Pitogo*. At Bulan they met the mechanic Calixto Santiago, who in compliance with the orders received from Manila was awaiting with the seismograph formerly in operation at Irosin, and together proceeded to Sorsogon. The authorities of this town and province, Honorable Governor, treasurer and district engineer gave all the facilities in order that the seismograph and the meteorological instruments could be mounted in good condition. After visiting the provincial buildings a room in the ground floor of the new prison was selected as the more convenient, at least until the new provincial buildings, government house, prison, machinery, and store house are finished. Sorsogon is considered a good location for a sensitive seismograph, to register the shocks originated in the near-by Bulusan Volcano, and also those started at the Mayon Volcanic system, not very far from that town. Since the setting up of this instrument very few volcanic shocks have been registered, this circumstance showing that both volcanoes are traversing a period of calm.

3. MAGNETIC DEPARTMENT.

Magnetic Observatory.—The Magnetic Observatory, which forms a branch of the Weather Bureau, is situated outside of Manila in the Antipolo mountain about a mile north of that town; far away from the radious of action of the vagabond currents dispersed by the electric car lines of Manila and Rizal. This Observatory is served from the Central Office of the Weather Bureau; the observers in charge of it make at least two monthly trips to take absolute observations and inspect the recording instruments. At the place resides only a fourth-class observer who attends both to the meteorological observations and to the working of the magnetographs, and developing of the photographic records. All the calculations and tabulations of the magnetic values are done in the Central Office at Manila.

Magnetic character of the year 1916.—The year 1916 must be considered as a magnetically disturbed one, the number of days with irregular movements in the magnets surpassing greatly those of quiet or normal variation. There have been recorded 124 days of *0* character, 219 of *1* and 23 of *2;* six great disturbances of those requested by the International Committee took place respectively in January, March, August, October, and November.

The first one began some minutes after noon of the 11th of January with a characteristic sudden deviation of the magnets, and lasted more than 48 hours; the most remarkable oscillations occurred during the morning of the 12th. During the 8th, 9th, 10th, and 11th of March the greatest and longest magnetic disturbance of the year was recorded. It had a very slow and progressive start at about 8 a. m. of the 8th; the movements of the magnets became gradually more and more quick and ample at intervals until the early hours of the 12th. On the 29th of the same month the magnets were again disturbed with irregular movements, which did not disappear until the 2d of April. August had many disturbances, but the most remarkable, on account of its sudden start with a jump of extraordinary amplitude, occurred on the 27th.

Among the disturbances recorded in October deserves special mention the one which took place during the night on the 6th and 7th. The last to be reported began shortly before 11 p. m. on the 12th of November and lasted about 24 hours. This was indeed of a very extraordinary character: the magnets oscillated to and from with a velocity seldom observed in these low latitudes.

Other minor disturbances occurred on the following dates: April 29; May 22, 30; July 1, 9; August 2, 6, 27; September 3, 12; October 1; November 6; December 15–16, 27–28.

Personnel and instruments.—There has been no change in the personnel of this Department. The two observers even during their vacation or leave of absence have voluntarily gone to Antipolo for the monthly observations.

The operation of the instruments at Antipolo has not been interrupted during the year by any serious accident. In February a mechanic of the Weather Bureau was sent to make some minor repairs in the pump operated by a windmill, which gives the necessary supply of water for the Observatory; at the same time the clocks and some other instruments were cleaned and oiled.

Publications.—Reduction of the magnetic observations of the preceding years is nearly finished and their publication will begin shortly next year.

4. ASTRONOMICAL DEPARTMENT.

Every day of the year, including Sundays and official holidays, time signals have been sent at 11 a. m. from the Observatory, to all the stations connected by telegraph or cable, with the Central Post-Office of Manila. At noon, the time ball has been dropped in the Central Observatory and in the Engineer Island. Fifty-five chronometers have been received in the Observatory to be rated; and twenty-four times, time signals have been sent from the cable station to Guam for some American steamer anchored there. Sixteen chronometers and six clocks have been compared every day with the standard clock of the Observatory.

The correct time has been determined by means of a Repsold broken transit-instrument of 75 mm. aperture. During the year 1,293 transits of stars have been observed and reduced, and one hundred times the instrumental constants, azimuth and collimation, computed; the level being observed and reduced to zero frequently, during the time of taking transits.

The equatorial intervals, in time of the side wires to the middle or meridian wire, have been determined once every year, observing transits of Polaris. The following table gives the values, with their probable errors, found in the three determinations made since the instrument is in use. The wires are five on each side of the middle wire; they are written in the order as they are crossed by a star in its upper culmination, the light being east, that is, the observer facing east. The wires are of platinum.

Wires.	1914	1915	1916
	Second.	*Second.*	*Second.*
1	37.028±0.012	37.035±0.012	37.023±0.019
2	34.144±0.011	34.078±0.011	34.111±0.015
3	31.257±0.013	31.233±0.013	31.267±0.018
4	25.011±0.010	24.994±0.009	25.024±0.021
5	21.989±0.010	21.958±0.012	21.959±0.024
7	22.252±0.011	22.217±0.021	22.251±0.022
8	25.194±0.012	25.182±0.016	25.182±0.009
9	31.267±0.012	31.269±0.015	31.318±0.016
10	34.310±0.012	34.293±0.013	34.354±0.014
11	37.351±0.011	37.376±0.013	37.416±0.017

The Riefler Sidereal Clock No. 251, provided with a second contact and connected with the chronograph has been used during the year as the standard clock for the time service. The following table gives an idea of the performance of this clock; it contains the excess of the computed correction over the observed, after periods of cloudy nights during which, transits of stars could not be taken:

Date.	Nights without observations.	Excess of computed over observed correction.	Date.	Nights without observations.	Excess of computed over observed correction.
1916.		*Second.*	1916.		*Second.*
Jan. 4	4	−0.14	July 1	7	−0.04
Jan. 10	6	+ .07	July 7	6	+ .27
Jan. 24	7	+ .12	July 12	5	− .06
Jan. 30	6	+ .12	July 23	11	− .06
Feb. 5	6	+ .14	Aug. 2	4	+ .22
Feb. 16	6	+ .49	Aug. 21	19	−1.73
Feb. 23	7	.00	Aug. 30	4	+ .21
Feb. 28	5	+ .23	Sept. 12	6	+ .60
Mar. 4	5	+ .11	Sept. 18	6	+ .24
Mar. 9	5	+ .44	Sept. 30	12	− .62
Mar. 20	11	+ .16	Oct. 12	5	+ .15
Mar. 27	7	+ .39	Oct. 20	8	+ .23
Apr. 3	7	+ .04	Oct. 29	4	+ .26
Apr. 9	6	+ .46	Nov. 8	6	+ .12
Apr. 15	6	+ .01	Nov. 17	4	+ .28
Apr. 27	7	+ .22	Nov. 26	9	− .12
May 6	5	+ .10	Nov. 30	4	.00
May 16	10	− .49	Dec. 4	4	+ .29
May 28	5	+ .15	Dec. 9	5	+ .18
June 3	6	+ .05	Dec. 13	4	+ .21
June 18	15	+ .10	Dec. 20	7	+ .11
June 24	6	+ .43			

The next table gives the mean daily rate of the mentioned Riefler Sidereal Clock No. 251, as deduced by the daily time service, together with the maximum variation in the rate for each month of the year 1916.

Month.	Mean daily rate.	Maximum variation.	Month.	Mean daily rate.	Maximum variation.
1916.	*Second.*	*Second.*	1916.	*Second.*	*Second.*
January	+0.40	0.12	July	−0.14	0.06
February	+ .43	.09	August	− .12	.10
March	+ .51	.10	September	− .41	.16
April	+ .55	.09	October	− .35	.20
May	[1]− .15	.11	November	− .36	.15
June	− .20	.07	December	− .21	.16

[1] An additional weight was added to the pendulum.

The moment of the beginning of the fall of the time ball, has been recorded 152 times in the chronograph in connection with the standard clock. This record shows the error with which the time signal at noon is given. The largest errors recorded were:

	Seconds.
April 3	0.33
July 15	0.43
August 23	0.39
August 25	0.32
August 30	0.31
September 25	0.52
September 27	0.39
September 30	0.34
October 19	0.53
November 11	0.41

The average error of the 152 records is less than 0.2 seconds.

Four hundred fifty-seven observations on solar radiation were taken during the year with the Angstrom Compensating Pyrheliometer. The Callendar's Shunshine Receiver and electrical Recorder has been working satisfactorily during the year.

II. SECONDARY STATIONS.

Several new stations have been established during 1916. The first is that of Lucena, the Capital of Tayabas Province, Mr. Leon G. Guinto, observer at Atimonan, having been detached for that purpose. Every assistance was given him by the provincial authorities including proper quarters for the station in one of the provincial buildings. The station is a third-class station and was opened on January 12.

A coöperative station was established toward the end of the same month in the Naval Station of Olongapo, at the request of the local naval authorities. The station was furnished with a complete set of meteorological instruments, identical with those used in our second-class stations. The Assistant Director, Rev. Miguel Saderra Masó, and a mechanic of the Central Office were in charge of the establishment of the station and the mounting of the instruments; they left Manila on January 24 and came back on the 29th. The observations have been received regularly every month beginning on February, and are very satisfactory.

A rain station was established at Canluban, Calambà, at the request of the "Calamba Sugar Estate Co." An observer was appointed at the small salary of ₱15 per month with the understanding that the company would pay ₱15 more for some extra work which the observer was willing to do. Observations from Calamba will be very valuable in cases of typhoons dangerous for Manila.

Two more stations were established in the month of May: A third-class station at Sorsogon, and a rain station at Cape Bojeador. A volunteer rain station was opened on August 6 at Madaum, Davao, at the request of the "Madaum Plantation Co." Another similar station had been opened in the month of January in the "Kabacan Estate," Cotabato. A complete set of instruments was offered to Rev. Cesareo Montes, O. F. M., to establish a volunteer station at Llorente, eastern coast of Samar. The station was opened on the month of September. On the top of Santo Tomas mountain a rain gauge and a psycrograph were mounted on July, although complete observations of these instruments were not taken until September. Regular rain observations began to be taken also toward the end of the year at the "Water Reservoir," Olongapo.

The third-class stations of Laoag and Zamboanga were raised to second-class on April and September, respectively. In both places new adequate quarters have been offered for the weather station by the provincial authorities, whose interest in the matter is very much appreciated by the Weather Bureau.

The Weather Bureau has also coöperated with the Bureau of Education in the establishment of volunteer rain stations well distributed through the Department of Mindanao and Sulu. Regular observations are to begin in these twelve stations on January, 1917. Both Governor Carpenter and the superintendent of the schools of the Department are greatly interested in increasing the number of rain stations throughout Mindanao for the greatest benefit of agriculture.

The following 57 meteorological stations were maintained by the Weather Bureau at the end of the year 1916: One branch observatory at Baguio; 7 first-class stations; 12 second-class stations; 27 third-class stations, and 10 rain stations. Besides, there were 12 volunteer or coöperative stations sending regular observations to the Weather Bureau.

III. PERSONNEL OF THE WEATHER BUREAU.

Nationality.—The composition of the personnel of the Weather Bureau as to nationality has remained practically unchanged, over 91 per cent being Filipinos.

Promotions.—Many promotions have been allowed this year, twenty-four in the Central Station at Manila and three in the provinces; two third-class observers and one assistant to first-class observer.

Separations.—The most important separation by resignation has been that of the chief clerk who owing to an attack of paralysis had to resign taking advantage of Act No. 2589. The benefit of the Act has been accorded to him by the Governor-General. Whilst this Bureau is willing to rejoice over the benefit conferred upon one of its most efficient employees who had served satisfactorily for over twenty years in the Observatory at Manila, yet the result of such resignation is to be considered as rather unfortunate: First, because of the loss of an excellent employee; second, because according to the Act the salary of the chief clerk is reduced to two-thirds of the original salary, or in our case is ₱1,600 per annum. Therefore, as experience has already shown, it is extremely difficult to find a man fit with all the necessary qualifications of a good chief clerk of the Weather Bureau with said salary. Application has been made to the Legislature to help the situation, but to no use up to the present.

Besides, five resignations of third-class observers are recorded and three of assistants to first-class observers.

One third-class observer was reinstated.

Penalties to delinquent employees.—In order to keep efficiency to the highest possible degree, specially among the employees outside of Manila, all their reports, telegrams, and observations are very carefully examined and checked and any errors or defects detected are recorded and observers are accordingly warned. If the errors are not avoided through notable negligence, a fine of penalty is applied according to the Civil Service Rules. One case occurred this year of one second-class observer who was required to report and come to Manila on his own expense to improve his practice of observing and was fined for a period of fourteen days without pay or during his stay whilst practicing at the Central Office.

IV. NEW APPARATUS AND IMPROVEMENTS.

Thanks to the interest taken in the subject by Rev. Robert Brown, S. J., former secretary of the Weather Bureau, the Manila Observatory is now in possession of a new-pattern station mercurial barometer graduated in millibars with attached thermometer in absolute degrees. The instrument was safely received in Manila at the beginning of December, together with a proper certificate of the National Physical Laboratory, London. It has been constructed by Negretti and Zambra of London in accordance with the instructions of the Royal Meteorological Office. The instrument belongs to the Observatory as it has been acquired out of its private resources.

Besides some small improvements in the astronomical division, as a cover to the transit instrument and a chair of observation for the equatorial room, the most substantial improvement in the Central Office has been the enlargement or extension of the main library, the size of the large room for the best portion of the library and for the archives being 20 by 9 meters, and a smaller room for reading or working near by provided with shelves for books and a fine and confortable table with chairs. The size of the smaller room is about 5 by 10 meters. The shelves of the old library and new extension may hold about ten thousand volumes and it is therefore considered sufficiently large for some years to come. The work has been performed with the private resources of the Observatory at a cost of about ₱2,500.

Another very important improvement in Mirador, Baguio, consisted in the rebuilding of the roof and second floor of the house broken up by the typhoon of October 29, 1915, paid by the Observatory at a cost of ₱10,000. The concrete staff for storm and time signals was also destroyed by a typhoon and it has been replaced by an iron column not so high as the cement pier, but far more solid.

It may be worth mentioning in the line of improvements, the result obtained in the trial to send time signals by telephone. In the central office of the Observatory,

an electric repeater, connected with a clock provided with an electric second contact, was placed very near and facing the mouth piece of the telephone of the Observatory; in this disposition, the second-beat of the clock of the Observatory could be heard very distinctly at a considerable distance. Three different receiver telephones, among the more distant from the Observatory, were selected for trial. The most distant was the telephone in the watch house for the water dam of Montalban at a distance of nearly 30 kilometers. Two observers went to the watch house, asked the central of telephones for connection with the Observatory; here the electric repeater was placed as described above; the observers could at once hear the second beat of the clock of the Observatory. It is to be remarked, that people at a distance of two or three meters around the telephone were able to perceive distinctly the beat of the pendulum and to notice the two interruptions of the electric contact of the clock. The same result was obtained in the other two telephones selected for trial. There can be scarcely any doubt, that the second beat of the clock, is to be heard distinctly by telephone, at a distance four or five times farther than Montalban.

Therefore, the Manila Observatory is disposed to send time signals by telephone to the Government Bureaus and private offices, as it is done usually by the time service in large cities, provided proper arrangements and connections be made in the central of telephones in Manila.

V. VISITORS.

As in former years, the Observatory was visited by vessel masters and captains, shipowners, ordinary visitors, and tourists. Special mention is to be made of Mr. Walsh, Ex-Governor of Massachusetts, who paid a visit to the Observatory at the end of May, of the ensigns of the Argentine Navy who came to Manila in June on the Schoolship *President Sarmiento,* of the Governor-General who came to show the Observatory to the Secretary of Commerce and Police, Mr. Reed and son; of the Prince of Siam, introduced to the Observatory by the former Director of Health, Dr. Heiser, at present representative in the Far East of the Rockefeller Foundation, "International Health Commission;" of the three missionary bishops of China and Tongking of the Dominican Order, and finally of different parties from trade, high and normal Schools sent by their professors to get acquainted with the working of the instruments of the Observatory. Several distinguished visitors were given the privilege of the use of the large telescope on several clear nights.

PART II.

HOURLY METEOROLOGICAL OBSERVATIONS MADE AT THE CENTRAL OBSERVATORY DURING THE CALENDAR YEAR 1916.

INTRODUCTION.

Part II of our report for 1916 contains the meteorological observations made during the year at the Central Observatory at Manila. The hours of observations are given in Insular standard time—that is, in the time of the one hundred and twentieth meridian east of Greenwich, adopted by order of the United States Government on September 6, 1899. It is to be noted that the observations of atmospheric pressure, temperature, relative humidity, vapor tension, and the direction and force of the wind are hourly, read directly between the hours 6 a. m. and 7 p. m., while for the hours from 8 p. m. to 5 a. m. they are taken from self-registering apparatus. The hourly observations of the direction, form, and amount of clouds are made from 8 a. m. until 5 p. m. only.

Each of the tables of hourly observations shows also the respective hourly, daily, and monthly means. The extreme daily values of the various elements, together with the time of their occurrence, are united into a separate table. The thermometers and atmidometer are placed in the observatory park, 1.5 meters above the ground.

The readings of the barometer have not been corrected for gravity; this correction would be —1.72 mm.

All observations contained in this report are expressed in the metric system, continuing the practice adopted at the time of the reorganization of the Weather Bureau. As in former reports, we have arranged the observations according to month.

EXPLANATION OF SYMBOLS (BEAUFORT'S LETTERS AND INTERNATIONAL WEATHER SYMBOLS).

Symbol.	Equal to—	Symbol.	Equal to—
Ci.	Cirrus.	o	Overcast.
Ci.-S.	Cirro-stratus.	p	Passing showers of rain.
Ci.-Cu.	Cirro-cumulus.	q	Squally.
A.-Cu.	Alto-cumulus.	u	Ugly or threatening weather.
A.-S.	Alto-stratus.	v	Visibility of distant objects.
S.-Cu.	Strato-cumulus.	w	Wet or heavy dew.
N.	Nimbus.	●	Rain.
Cu.	Cumulus.	≡	Fog or mist.
Cu.-N.	Cumulo-nimbus.	♄	Dew.
S.	Stratus.	⊕	Solar halo.
Fr.-Cu.	Fracto-cumulus.	☾	Lunar halo.
Fr.-N.	Fracto-nimbus.	☾	Lunar corona.
Fr.-S.	Fracto-stratus.	☉	Solar corona.
S.-cf.	Stratus-cumuliformis.	↯	Lightning.
N.-cf.	Nimbus-cumuliformis.	⊼	Thunderstorm.
M.-Cu.	Mammato-cumulus.	⊥	Thunder.
b	Clear, blue sky.	↙	Strong wind.
c	Partial clouds.	⌒	Rainbow.
d	Drizzling or light rain.	∞	Dust haze.
g	Gloomy, or dark, stormy-looking weather.		

NOTE—The intensity of any individual phenomenon may be distinguished by the figures ° and ², which should be used as exponents of the symbols, so that ° indicates slight, and ² strong; e. g., ●°=slight rain, ●²=heavy rain. Figures in heavier type represent extreme values.

OBSERVATIONS FOR JANUARY, 1916.

ATMOSPHERIC PRESSURE, 700mm+.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	59.30	58.55	57.95	58.05	58.25	58.36	58.54	59.36	**59.79**	59.50	59	57.78
2	56.80	55.85	56	55.80	55.85	55.95	56.77	56.57	**56.97**	56.79	56.39	55.77
3	55.80	55.40	55	54.95	55	55.71	55.96	56.51	56.52	56.86	56.74	56.26
4	57.65	**57.50**	**57.50**	58	58.05	58.66	59.15	59.84	60.05	60.19	60.17	59.27
5	60.10	59.50	59.30	59.55	59.80	59.92	60.64	60.87	**61.14**	**61.14**	60.79	60.19
6	60.30	59.85	59.55	59.50	59.55	59.92	60.41	61.26	**61.48**	61.47	61	60.58
7	60.20	59.70	59.75	59.90	60.10	60.16	60.59	60.89	**61.03**	60.79	60.43	59.92
8	60.25	**59.95**	60.05	60.20	60.60	61.04	61.44	61.85	62.03	62.04	61.84	61.63
9	62.25	62.05	62	62.25	62.30	62.68	62.99	63.48	**63.50**	63.24	62.79	62.06
10	62.45	62	61.90	62	62.20	62.57	63.14	63.83	**64**	63.97	63.38	62.61
11	62.35	62.05	61.75	61.90	62.10	62.58	63.05	63.72	**63.85**	63.55	63.12	62.24
12	62.20	61.75	61.45	61.40	61.45	61.84	62.08	62.54	**62.79**	62.65	62.19	61.67
13	61.25	61.05	60.60	60.60	60.55	60.91	61.48	61.89	**62.20**	62.09	61.95	61.28
14	60.70	60.25	60	59.65	59.65	59.82	60.12	60.79	**61.03**	60.92	60.54	59.81
15	58.55	57.75	57.50	57.35	57.10	57.30	57.80	58.59	**58.96**	58.77	58.36	57.53
16	57.25	**57**	**57**	57.45	57.45	57.80	58.43	59.05	59.32	59.54	59.31	58.80
17	59.95	59.55	59.15	59.25	59.35	59.83	60.53	61.36	61.47	61.30	60.96	60.36
18	61.50	61.05	61.10	60.90	60.85	61.25	61.83	62.26	**62.46**	62.40	62.19	61.49
19	61.85	61.55	61.35	61.15	61.35	61.49	61.95	62.37	62.70	**62.79**	62.21	61.48
20	61.40	60.95	60.65	60.70	61	61.21	61.51	61.99	62.34	**62.42**	61.98	61.43
21	60.60	60.20	60.15	60.05	59.85	60.02	60.45	60.88	60.95	**61.15**	60.63	60.02
22	59.10	58.95	58.70	58.85	59.10	59.39	59.99	60.24	**60.51**	60.22	59.34	58.84
23	58.50	58.05	57.65	57.75	58.10	58.72	59.20	59.42	59.56	59.52	59.15	58.35
24	59.50	59.15	59.10	59.20	59.20	59.39	59.94	60.04	60.39	60.26	60.14	59.68
25	60.25	59.90	59.65	59.85	60.10	60.41	61.10	61.75	**62.21**	62.04	61.82	61.40
26	60.40	59.85	59.50	59.50	59.60	59.96	60.69	60.98	**61.21**	61.10	60.69	60.27
27	59.85	59.45	59.25	59.30	59.60	59.62	59.81	60.14	**60.26**	59.99	59.46	59.18
28	59.15	58.65	58.50	58.65	58.90	58.87	59.40	**59.85**	59.75	59.39	59.07	58.61
29	58.90	58.05	57.40	57.35	57.40	57.66	58.46	58.98	**59.41**	59.25	58.66	58.26
30	58.40	58.15	57.45	57.70	58.05	58.20	58.82	59.18	**59.36**	59.32	58.90	58.44
31	58.10	58	57.35	57.15	57.30	57.57	57.88	58.43	**59.76**	58.62	58.13	57.64
Mean	59.83	59.41	59.17	59.22	59.35	59.64	60.13	60.61	**60.87**	60.75	60.37	59.77

TEMPERATURE (°C.).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	23.2	22.9	**22.7**	22.8	**22.7**	22.9	23.3	24.6	26.5	27.5	27.7	28.1
2	24.1	23.8	23.4	**23.2**	23.5	23.5	23.4	**23.2**	23.8	24.9	24.8	**26.5**
3	23.4	23.4	23.6	**23.1**	23.4	23.2	23.8	25	27.1	28.1	27.1	28
4	24.3	23.9	24.3	24.2	**23.7**	**23.7**	24.5	26.7	28.4	29.5	30.6	30.6
5	23.7	23.3	22.8	22.6	**22.4**	**22.4**	23.2	25.6	26.9	28.1	29.5	30.2
6	23	22.3	21.8	21.7	21.2	**21.1**	21.5	24.3	27.1	27.7	28.3	28.5
7	23.4	22.9	22.8	**22.6**	23.1	22.9	23.8	25	27.5	28.6	29	28.3
8	23.6	23.1	23	22.6	**22.3**	22.4	22.9	25	26.7	28.4	28	28.1
9	22.7	22.3	22.6	22.8	**22.2**	**22.2**	22.8	26.1	28.2	28.9	28.2	28.5
10	23.6	23.1	22.7	22.3	22.2	**22**	22.5	25.7	26.6	28.2	28.8	29.1
11	22.9	23.1	23.2	23.6	**22.8**	23	23.5	25	28.2	**29.7**	28.9	29.4
12	23	23	22.8	22.2	**22**	22.3	22.6	24.9	25.7	29	29.8	29.7
13	23	**22.8**	23	23.1	23.1	23.3	23.4	24.8	25.4	26.6	27.6	**29.2**
14	23.1	23.1	23.2	**22.5**	23.9	**23.5**	23.7	25.1	25.5	26.5	27.9	27.8
15	24.4	24	23.9	23.3	23.1	**22.8**	23	23.9	25.6	27.9	28	29.2
16	24.2	23.9	23.9	23.6	23.4	23.6	22.7	23.7	25.8	26.9	27.7	27.1
17	19.8	19.5	19.4	19.1	**18.5**	**18.5**	19	21.2	23.9	25.8	26.4	27.2
18	20.7	19	**18.2**	**18.2**	18.6	19	19.3	20.2	21.9	24.2	24.4	25.2
19	20	19.9	20	20	19.6	**19.3**	19.6	21.8	23.3	24.6	27	**27.3**
20	19.2	19.4	20.3	20.1	20.5	20.5	20.9	21.6	23.2	23.5	24.5	25.3
21	19.3	19.8	19.1	**18.8**	19	**18.8**	20.1	21	22.2	24.1	25.6	26.1
22	21.2	**21.1**	21.4	21.6	21.5	21.5	21.7	23.1	24.4	27.2	**28.3**	27.1
23	23.3	22.6	22.2	22.5	22.4	**21.6**	22.1	24.6	26.5	27.5	27.8	28
24	23.9	23.3	23.5	23.2	23.3	23.2	23.2	24.7	25.4	26.7	27.3	26.5
25	21.8	21.2	21.7	21	**20.5**	21.3	21.7	23.8	25.7	26	27.7	27.4
26	23.5	23.1	22.8	22.6	22.2	**22**	22.8	24.7	26.7	27.5	27.5	27.3
27	23.2	23	22.9	22.8	22.7	**22.6**	22.9	24.2	26.1	27	**28.4**	25.9
28	22.7	22.7	22.9	22.6	**22.5**	22.6	22.8	23.8	24.8	26.5	27.1	27.8
29	22.5	22.1	22.1	22.3	21.8	**21.6**	21.7	25	26.9	28	**28.9**	27.2
30	23.3	23.1	22.7	**22.1**	**22.1**	**22.1**	22.4	24.6	26.4	28.3	29.2	29
31	23.2	23.4	23.3	23	**22.5**	22.7	22.6	24.1	25.5	27.7	28	28
Mean	22.7	22.4	22.3	22.1	**22**	**22**	22.4	24.1	25.7	27.1	27.7	27.9

ATMOSPHERIC PRESSURE, 700mm+.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
56.94	56.39	**56.29**	56.69	57.05	57.39	57.76	57.90	57.50	57.30	56.85	56.75	57.88
54.96	54.82	**54.38**	54.79	55.01	55.22	55.69	55.80	56.10	56.30	56.10	55.95	**55.86**
55.44	**54.81**	54.84	55.27	55.81	56.50	56.91	57.50	57.70	**58.40**	58.20	57.95	56.25
58.49	57.91	57.57	58.11	58.55	59.19	59.67	60.05	**60.55**	60.50	60.50	60.50	59.07
59.33	58.87	**58.66**	58.91	59.30	59.78	60.31	60.70	60.75	60.75	60.75	60.60	60.07
59.94	59.49	**59.19**	59.28	59.54	59.88	60.24	60.55	60.55	60.65	60.80	60.55	60.23
59.19	58.84	**58.59**	58.72	59.20	59.48	60.08	60.60	60.55	60.55	60.45	60.45	60.01
61.01	60.43	60.03	60.33	60.74	61.02	61.67	61.95	62.25	62.30	**62.35**	**62.35**	61.22
61.32	60.59	**60.52**	60.55	61.07	61.61	62.25	62.75	63.10	63.05	63	62.75	62.26
61.62	61.11	60.89	**60.86**	61.09	61.51	61.92	62.55	62.80	62.85	62.80	62.65	**62.36**
61.47	60.87	**60.66**	60.77	61.04	61.40	61.90	62.40	62.80	62.85	62.70	62.65	62.24
60.76	60.12	**60.03**	60.26	60.62	61.17	61.35	61.65	61.80	61.85	61.65	61.60	61.54
60.59	59.95	**59.94**	60.22	60.45	60.63	61.10	61.40	61.25	61.20	61.25	61.05	61.04
58.96	58.29	57.74	**57.59**	58.23	58.49	58.91	59	59.05	59	58.85	58.80	59.42
56.65	56.03	**55.98**	56.03	56.34	57.09	57.11	57.75	57.95	57.90	58.05	57.80	57.51
57.96	57.26	57.39	57.76	58.19	58.99	59.50	60.05	60.40	60.40	**60.50**	60.25	58.63
59.76	59.19	**59.09**	59.36	59.92	60.18	60.41	61	61.40	61.60	61.60	**61.70**	60.34
60.60	60.17	**59.98**	**59.98**	60.48	61.13	61.55	62	62.10	62.20	62.15	62.10	61.40
60.98	60.50	60.41	**60.39**	60.60	60.89	61.34	61.50	61.75	61.80	61.70	61.60	61.49
60.54	59.90	**59.37**	59.46	59.60	60.01	60.40	60.60	60.60	60.70	60.85	60.80	60.85
59.16	58.39	**58.11**	58.17	58.55	58.85	59.06	59.35	59.40	59.40	59.25	59.15	59.66
57.80	57.21	**56.85**	57.19	57.49	57.90	58.43	58.80	59	58.90	58.85	58.80	58.77
57.58	57.23	**56.98**	57.20	57.77	58.50	59.05	59.50	59.65	**59.90**	59.65	59.60	58.61
58.89	58.19	**57.99**	58.13	58.64	59.07	59.61	60.10	60.45	**60.60**	**60.60**	60.55	59.53
60.58	59.79	**59.50**	59.71	59.75	59.97	60.57	60.90	61.05	60.95	60.90	60.65	60.62
59.68	58.64	**58.54**	58.69	58.98	59.33	59.86	60.40	60.70	60.70	60.55	60.30	60
58.26	57.65	**57.49**	57.79	58.25	58.64	58.96	59.55	59.40	59.60	59.40	59.35	59.18
57.94	57.37	**57.17**	57.19	57.62	58.48	58.71	59.15	59.45	59.65	59.35	59.30	58.76
57.51	56.95	**56.86**	56.99	57.15	57.66	58.16	58.70	58.95	58.95	58.90	58.85	58.14
57.72	57.05	**56.70**	56.77	57.19	57.85	58.35	58.80	**58.**80	58.75	58.45	58.30	58.20
57.10	56.47	56.07	**56.04**	56.30	56.84	57.16	57.65	58.20	58.40	58.25	57.95	57.60
58.99	58.40	**58.19**	58.36	58.73	59.18	59.61	60.02	60.19	60.26	60.17	60.05	59.64

TEMPERATURE (°C.).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
28.2	28.3	**28.4**	27.9	26.9	26.2	24.8	24.8	24.9	25.3	24.1	24.3	25.4
24.7	24.2	24.6	23.8	24.2	24.1	24.1	23.9	23.8	23.7	23.5	**23.2**	24
27.8	**29.1**	28.3	26	24.6	24.7	24.5	24.5	24.5	24.6	24.5	24.2	25.3
30	**31.2**	**31.2**	30.4	29	27.1	26.2	25.6	25.1	24.7	24.6	24.2	**26.8**
31	**31.3**	31.1	29.8	29	27.5	26.6	25.7	24.9	24.5	23.8	23.5	26.2
28.6	29	**29.7**	**29.7**	27.7	26.3	25.7	25.2	24.7	24.5	24.3	23.7	25.3
29.1	**31.3**	31	29.8	28.7	27.1	26.3	25.7	25.2	24.7	24.7	24	26.1
29.4	29.6	**31**	29.9	28.1	26.7	26.1	24.9	24.5	24.1	23.2	22.8	25.7
29.7	30.4	30.5	**30.6**	28.6	26.7	25.6	24.9	25	24.5	24.4	24.3	25.9
28.6	**29.9**	28.5	28.8	27.9	26.3	25.6	24.8	24.1	23.8	22.9	23	25.5
29.1	29.1	28.2	28.2	27.2	26.1	25.6	25.3	25	24.3	23.9	23.4	25.8
30	**30.4**	29.6	28.8	27.4	25.8	24.4	23.6	23.8	23.2	23.3	22.9	25.4
29	28.7	27.3	26	25.8	24.7	24.1	24	23.7	23.8	23.2	23	24.9
28.7	28.7	**28.9**	28.2	27.6	26.7	26.4	26.8	26.6	26	26.4	24.7	25.9
29.7	29.3	29.2	28.9	28.2	27.1	26.3	25.8	25.5	25	24.9	24.5	26
28.3	28.2	27.8	27	25.9	24.8	23.8	22.4	21.7	22	21.5	**20.3**	24.6
27.1	**27.4**	26.4	25.9	24.5	22.8	22.2	20.9	21.3	20.8	21	20.7	22.5
24.9	**27.5**	26.1	26.3	24.9	23.2	21.8	20.9	20.7	20.8	20.1	20.2	**21.9**
27.1	27.1	25.9	26.7	25.8	23.5	22.1	20.9	20.2	19.8	**19.3**	**19.3**	22.5
26.1	25.7	25.9	25.5	24.8	22.9	21.5	20.6	20.1	19.3	19.6	**19.1**	22.1
26.9	28.2	27.3	**28.3**	26.6	24.7	23.1	22.3	21.9	21.6	21.9	21.1	22.8
27.4	**28.3**	27.9	28	27.2	26.1	25.6	25.3	25.1	24.4	24.2	23.9	24.7
28.2	28	27.5	27.3	27.5	26	23.9	24.1	24.3	24.4	24.3	24.2	25
28.1	28	28	27.9	26.4	25.6	25.1	24.4	23.4	23	**22.3**	22.8	25
28.5	28.3	28	27.3	26.8	25.5	24.8	24.5	24.1	23.7	23.8	23.4	24.5
28.5	**28.6**	28.3	27.5	27	26.2	25.5	25	24.2	23.8	23.4	23.3	25.2
27	27.1	27	26.8	26.8	25.7	24.8	24.9	24.7	24.4	23.6	23.1	24.9
29.1	30	**30.5**	29	27.8	26.4	25.5	24.8	24.5	24	23.2	22.7	25.3
27.2	28	27.2	27.5	26.3	25.3	24.4	22.7	22.6	22.8	22.8	22.9	24.6
29.3	29	28.9	27.7	27.2	26.3	25.7	25	24.3	23.6	22.9	23.3	25.4
28.1	27.8	27.8	27.3	26.3	25.4	24.8	24.9	24.6	24.2	24	23.9	25.1
28.2	**28.6**	28.3	27.8	26.9	25.6	24.7	24.2	23.8	23.5	23.2	22.9	24.8

RELATIVE HUMIDITY (%).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	95	**96**	**96**	93	94	91	90	88	82.5	79	76	74
2	85	86	89	90	88	85	86	90	87	84	87	**81**
3	**97**	96	94	**97**	95	96	93	88	83	79	84	79
4	89	91	89	87	91	90	88	81	73	69	66	63
5	93	95	**97**	95	94	95	94	87	80	77	72	69
6	91	92	**95**	93	93	92	94	84	75	70	70	68
7	95	**97**	96	96	91	92	90	86	73	70	71	74.5
8	92	95	94	95	**96**	95	94	86	79	73	74	78
9	93	**96**	95	91	94	95	93	80	68	69	72	70
10	90	92	93	94	93	95	**96**	82	76	68	68	68
11	**90**	**90**	89	86	**90**	89	89	85	68	**61**	63	62
12	91	90	89	**94**	93	92	92	79	77	63	58	56
13	88	**89**	**89**	88	**89**	87	**89**	80	77	68.5	65	**57**
14	85	86	84	**89**	77	79	76	70	72	67	60	58
15	74	77	74	78	78	**80**	**80**	77	72	67.5	67	**61**
16	78	78	76	79	79	77	82	73	65	63	59	60
17	**88**	**88**	86	86	87	85	84	75	63	58	51	47
18	69	82	**85**	82	78	77	75.5	73	65.5	61	62	60
19	80	80	79	79	82	83	82	73	71.5	67	57	55
20	88	88	82	83	83	85	80	76	73	72	68	64
21	91	86	90	91	90	**92**	86	79	76	67	66	64
22	**90**	**90**	86.5	85	83	82	80	74.5	71	62	**60**	63
23	83	87	**88**	81	81	87	84	73	**67**	68	68	68
24	85	90	88	91	91	92	**94**	88	85	79	75.5	74
25	85	**88**	83	86	**88**	82	80	71	67	67	60	58
26	80	83	84	86	89	**91**	86	75	69	63	65	66
27	90	91	93	94	95	95	94	90	78	74	**70**	85
28	96	**97**	**97**	**97**	96.5	**97**	**97**	92	85	76.5	75	73
29	92	**94**	92	89	92	93	93	79	72	70	65	68
30	85	87	90	93	**94**	**94**	93	76	70	62	60	57
31	83	81	81	83.5	**86**	82.5	**86**	80	72	62	62	64
Mean	87.5	**89**	88.5	88.8	88.7	88.6	87.8	80.3	74	68.9	67	66

VAPOR PRESSURE (mm).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	20	19.8	19.6	19.2	**19.2**	18.9	19.2	20.3	21.2	**21.6**	21.1	21
2	18.9	18.9	19	18.9	18.9	**18.4**	**18.4**	18.9	19.1	19.7	20.3	20.8
3	20.6	20.4	20.3	20.3	20.3	**20.2**	20.4	20.8	22	22.2	22.4	22.3
4	20.1	20.1	20.1	19.6	19.7	**19.5**	20.1	21.1	21	21.2	21.5	20.7
5	20.2	20.1	19.9	19.3	**18.9**	19.1	19.8	21.2	20.9	21.8	**22.2**	22
6	19	18.4	18.4	17.9	17.3	**17.1**	17.8	19	19.9	19.5	19.9	19.6
7	20.3	20	19.7	19.5	**19.1**	**19.1**	19.7	20.2	20	20.3	21.1	21.3
8	19.9	19.9	19.6	19.3	**19.1**	**19.1**	19.5	20.2	20.5	21	20.9	**22**
9	19	19.1	19.3	18.8	**18.6**	18.8	19.2	20.1	19.4	20.5	20.5	20.2
10	19.4	19.4	19	18.8	18.5	18.6	19.4	20.1	19.6	19.2	20	20.4
11	18.7	18.8	**18.7**	18.7	18.6	18.5	19.1	**20**	19.2	18.8	18.6	18.9
12	**19**	18.7	18.5	18.6	18.2	18.4	18.7	18.6	18.9	18.7	18	17.5
13	18.3	18.5	18.5	18.4	18.6	**18.5**	**19**	18.7	18.5	17.7	17.8	**17.2**
14	17.9	**18.1**	17.9	**18.1**	16.9	17	16.5	16.7	17.5	17.3	16.8	16.1
15	16.8	17	16.4	16.6	**16.3**	16.5	16.7	17.1	17.6	18.8	18.7	18.4
16	**17.4**	17.2	16.7	17.1	16.8	16.7	16.8	15.8	16.1	16.6	16.3	16
17	**15.1**	14.8	14.3	14.1	13.8	13.5	13.7	14	13.8	14.3	13.1	12.6
18	12.5	13.4	13.2	12.8	**12.4**	12.6	12.6	12.9	12.8	13.6	14	14.4
19	14	13.9	13.8	13.8	13.9	13.8	13.9	14.2	15.2	**15.4**	15.2	14.8
20	14.6	14.8	14.6	14.6	14.9	15.3	14.7	14.6	15.4	15.4	**15.7**	15.3
21	15.2	14.7	14.9	14.7	14.8	14.9	15	**14.6**	15	14.9	16	16.1
22	16.8	16.7	16.4	16.2	15.8	15.6	**15.5**	15.7	16.1	16.6	17.2	16.9
23	17.6	17.7	17.4	16.4	**16.3**	16.6	16.6	16.8	17.3	18.7	18.8	19.1
24	18.7	19	18.9	19.3	19.4	19.5	19.8	20.4	**20.6**	20.5	20.3	19.1
25	16.5	16.5	16	16	15.8	**15.4**	**15.4**	15.6	16.5	16.8	16.5	15.8
26	**17.1**	17.4	17.4	17.5	17.8	17.9	17.7	17.4	18	17.2	17.7	17.9
27	19.1	**19**	19.3	19.3	19.4	19.3	19.5	20.2	19.5	19.6	20.3	21
28	19.6	19.8	20	19.8	19.5	19.7	19.9	**20.2**	19.8	19.7	20.1	**20.2**
29	18.6	18.5	18.2	17.9	17.8	17.8	17.9	18.5	18.9	**19.7**	19.3	18.1
30	18.1	18.3	18.5	18.3	18.5	18.5	**18.7**	17.5	17.8	17.6	18.2	16.8
31	17.5	17.4	17.2	17.4	17.4	**16.9**	17.5	17.8	17.5	17.2	17.4	18
Mean	18	17.9	17.8	17.7	**17.5**	**17.5**	17.7	18	18.2	18.5	**18.6**	18.4

RELATIVE HUMIDITY (%).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
71	72	71	74	70	71	81	82	79	75	84	83	82
91	94	92	96	92	94	94	94	95	96	97	97	90.4
82	76	77	89	95	94	93	91.5	91	91	91	91	89.3
67	61	60	64.5	72	81	85	88	90	93	93	95	80.3
63	59	63	67	72	77	83	87	91	91.5	93	92	82.8
68	65	62	65	77	82	84	89	91	93	91	93	82.4
73	65	64	67	72	78	83	86	88	91	87	91	82.4
68	69	62	64	70	76	80	87	89	87	92	93	82.8
67	65	65	58.5	66	76	80	82	82	87	87	86.5	79.9
68	65	72	65	69	73	75	80	85	87	92	91	80.7
62	62	65	65.5	69	73	75	77	78	84	85	89	76.9
57	49	56	59	64	74	80	85	83	86	85	89	76.7
58	59	65.5	72.5	74	79	82	81	82	81	87	88	78.1
54	53	51.5	55	56	61	62	59	60	65	62	73	67.3
61	62	64	63	64	68	70	73	77.5	79.5	76	78.5	71.8
54	54	54	55	60	67	71	78	82	77	79	87	70.3
44	44	48	49	53	61	60	71.5	68	71	69	72	67
62	47	52	54	55	67	72	76	78	76	80	79	69.5
54	53	57.5	52	56	68.5	73	81	83	83	87	87	71.8
62	61	60	60	62	73	78.5	84	87	93	90	91	76.8
62	57	59	56	63	73	77	81	82	85	85	89	77
62	62	64	62	68	75	78	79	80	79	81	81	74.9
67	71	74	73	70	78.5	86	88	83	81	82	82	77.9
64	62	62	61	66	67	69	74	79	80	83	79	78.3
54	56	59	62	64	71	73	76	78	80	79	81	72.8
63	62	63.5	64	67.5	71	75	79	85	87	89	90	76.4
80	78	80	81	80	87	90	87	87	87	93	96	86.5
67	60	55	63.5	70.5	75	80.5	84	85	87	90	93	82.9
66	58	61	60	65	70	78	89	89	89	87	87	79.1
55	57	55	58	59	65	70	74	75	80.5	84	81	73.9
61	63	64	65	69	75	79	76	79	82	81	81	74.9
64.1	62	63.2	64.5	68.1	74.2	78	81.3	82.6	84	85.2	86.6	77.9

VAPOR PRESSURE (mm).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
20.2	20.5	20.4	20.6	18.5	18	18.8	19	18.4	18	18.7	18.8	19.6
21	21.1	21.1	20.9	20.7	21	21	20.7	20.8	20.8	20.7	20.6	20
22.8	22.7	21.9	22.3	21.8	21.8	21.3	20.9	20.7	20.8	20.7	20.5	21.3
21.3	20.5	20.1	20.8	21.5	21.6	21.6	21.4	21.3	21.5	21.4	21.3	20.8
21.1	20.1	21.2	21	21.5	21	21.4	21.3	21.2	20.9	20.4	19.8	20.7
19.7	19.3	19.2	20.2	21.2	20.9	20.7	21.2	21	21.3	20.5	20.2	19.6
21.8	22.1	21.2	20.7	21	20.8	21.2	21.1	21.1	21	20	20.1	20.5
20.6	21.3	20.8	20.1	19.8	19.8	20.1	20.5	20.3	19.5	19.5	19.2	20.1
20.6	21	21	19.1	19.3	19.8	19.5	19.1	19.3	19.8	19.8	19.5	19.6
19.7	20.3	20.8	19.2	19.2	18.6	18.3	18.7	18.9	19.1	19.1	19	19.3
18.4	18.4	18.4	18.6	18.5	18.2	18.2	18.4	18.3	19	18.7	19	18.7
18.1	16	17.2	17.5	17.4	18.2	18.2	18.5	18.2	18.2	18.1	18.4	18.2
17.2	17.4	17.7	18.1	18.2	18.2	18.4	17.9	17.9	17.6	18.4	18.3	18.1
15.7	15.5	15.2	15.6	15.5	15.9	15.9	15.4	15.6	16.1	15.9	16.9	16.5
18.8	18.9	19.1	18.8	18.2	18	17.7	18	18.8	18.7	17.9	17.9	17.8
15.4	15.3	15	14.5	14.8	15.6	15.6	15.7	15.8	15.2	15.1	15.4	16
11.7	12	12.3	12.1	12	12.6	12	13.1	12.7	13	12.8	13.1	13.2
14.5	12.8	13.3	13.7	12.9	14.1	14	13.9	14.2	13.8	14.1	13.9	13.4
14.4	14.2	14.3	13.4	13.8	14.7	14.5	14.9	14.7	14.3	14.6	14.6	14.3
15.7	14.9	14.8	14.5	14.4	15.1	15	15.2	15.2	15.5	15.3	15	15
16.3	16.2	16	15.9	16.3	16.9	16.2	16.3	16.1	16.2	16.6	16.6	15.7
16.9	17.6	17.9	17.4	18.3	18.8	19.1	18.9	18.9	18	18.1	17.9	17.2
19	20.1	20.2	19.5	19.3	19.6	19	19.6	18.8	18.3	18.4	18.5	18.3
18.1	17.4	17.4	17.1	17	16.4	16.3	16.8	16.7	16.7	16.7	16.4	18.3
15.7	15.9	16.5	16.8	16.7	17.1	17	17.4	17.3	17.4	17.3	17.4	16.5
18.3	18	18.2	17.5	17.8	18	18.2	18.5	19	19.1	19	19	18
21.1	20.8	21.1	21.2	21	21.3	20.9	20.3	20	19.8	20.1	20.1	20.1
20	18.9	18	18.9	19.6	19.2	19.5	19.6	19.4	19.3	19.1	19	19.5
17.7	16.3	16.3	16.4	16.5	16.9	17.8	18.2	18.2	18.3	17.9	18	17.9
16.6	17	16.1	16.2	15.9	16.5	17.2	17.5	17	17.4	17.5	17.2	17.5
17.4	17.6	17.7	17.6	17.5	18.1	18.5	17.9	18.2	18.3	18.1	17.8	17.7
18.3	18.1	18.1	17.9	17.8	18.2	18.2	18.3	18.2	18.2	18.2	18	18

CLOUDS—FORM AND DIRECTION.

Day.	8 a.		9 a.		10 a.		11 a.		Noon.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1	Ci.-S.	S.-Cu.	Ci.-Cu. E	Cu.	Ci.-S. E	Cu.	Ci.-S.	Cu. NE	Ci.-S.	Cu.
2		Cu.-N. NNE		Cu.-N. NNE		Cu.-N. NNE		Cu.-N.		Cu.-N.
3	Ci.	Cu. ESE	Ci.	Cu. ESE	A.-Cu.	Cu. ESE		Cu. ESE		Cu.-N. E
4	Ci.	Cu.	Ci.	Cu.		Cu.		Cu. E		Cu. E
5		Cu. E		Cu. E		Cu. E	Ci.	Cu. E		Cu. E
6	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu. E	Ci.	Cu. E
7		S.-Cu. E		Cu. E		Fr.-Cu. E		Cu. E		Cu. E
8	Ci.	Cu.	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu. E		Cu. E
9	Ci.	Cu.	Ci.	Cu.		Cu. E		Cu. E		Cu. E
10		Cu. E	A.-Cu.	Cu. E		Cu. E		Cu. E		Cu.
11		Cu.	Ci.	Cu.	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu.
12	A.-Cu.	Cu.		Cu. E		Cu.		Cu. E	Ci.	Cu. E
13	Ci.-S.	Cu.-N. E	Ci.	Cu. E	Ci.-S.	Cu.	Ci.	Cu. E	Ci.	Cu. E
14	Ci.-S.	Cu. EbyN		Cu.-N. E	Ci.-S.	Cu. EbyS	Ci.-S.	N.-cf. E	Ci.-S.	S.-Cu.
15	Ci.-S.	S.-Cu.	Ci.-S. SE	S.-Cu.	Ci.-S. SE	S.-Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.
16	Ci.-S.	Cu.	Ci.-S. ESE	Cu.	Ci.-S. ESE	Cu.	Ci.-S.	N.-cf. NE	Ci.-S.	N.-cf. NE
17	Ci.	Cu.	Ci.	Cu.	Ci.	Cu. ENE	Ci.	Cu. ENE	Ci.	Cu. ENE
18		Cu. ENE	Ci.	Cu. ENE	Ci.	Cu.		N.-cf. E	Ci.	Cu.
19		Cu.	Ci.	Cu.		Cu. E		Cu. E		Cu. E
20		Cu.		N.-cf. E		N.-cf. E		Cu. E	Ci.-S.	Cu.
21	Ci.-S.	S.-Cu. E	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu. E
22	A.-Cu.	Cu. E	A.-Cu. E	Cu. E	A.-Cu.	Cu.	Ci.	Cu. E	Ci.-S.	Cu.
23	Ci.-Cu.	Cu.		Cu.	A.-Cu.	Cu.	Ci.-S.	Cu.-N. NE	Ci.-S.	Cu.-N.
24	A.-Cu. E	S.-Cu.	Ci.-S.	S.-Cu.	A.-Cu. E	Cu. NE		N.-cf. NE		N.-cf. ENE
25	A.-Cu.	Cu.	A.-Cu.	Cu. E		Cu. E		Cu. E		Cu.
26	A.-Cu.	Cu. E	Ci.	Cu. E	A.-Cu.	Cu.		N.-cf. E		Cu.-N.
27	Ci.-S.	S.-Cu.	Ci.-S.	S.-Cu. E	Ci.-S.	N.-cf. E		Cu.		Cu.-N.
28	Ci.-S.	S.-Cu. E	Ci.-S.	S.-Cu. E	Ci.-S.	S.-Cu. E	Ci.-S.	Cu.	Ci.-S.	Cu. E
29	A.-Cu.	Cu. E	A.-Cu.	Cu. E	A.-Cu.	Cu. E	Ci.-S.	Cu. E		Cu. E
30	A.-Cu.	S.-Cu.	A.-Cu.	Cu. E	Ci.-S.	Cu. E	A.-Cu.	Cu. E	A.-Cu.	Cu. E
31	Ci.-S.	Cu. E	Ci.-S.	s.-cu. SEbyS	Ci.-S.	S.-Cu.	Ci.-S.	Cu. SW	Ci.-S.	Cu. E

Day.	1 p.		2 p.		3 p.		4 p.		5 p.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1	Ci.-S.	Cu. NEbyN	Ci.-S.	Cu. NEbyN	Ci.-S.	Cu.	Ci.-S.	Cu. NEbyN	Ci.-S.	S.-Cu.
2		N.		N.		N. N		N. N		N. NE
3		Cu. ESE	Ci.-S.	Cu. ESE		Cu.-N. ESE		Cu.-N.		N.
4		Cu.		Cu.		Cu. E		Cu. E		Cu.
5		Cu. E		Cu. E	Ci.	Cu. E	A.-Cu.	Cu. E		Cu. E
6	Ci.	Cu.	Ci.	Cu. E		Cu. E		Cu. E	Ci.	Cu.
7	Ci.	Cu.	Ci.	Cu. E		Cu. E		Cu. E		Cu.
8		Cu.-N. E	A.-Cu.	Cu. E		Cu. E		Cu.		Cu.
9	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu.
10		Cu. E		Cu. E	Ci.	Cu.	Ci.	Cu. E	Ci.	Cu.
11		Cu. E		Cu. E		Cu. E		Cu. E		Cu. E
12		Cu. E		Cu. E		Cu. E		Cu. E	Ci.	Cu.
13		Cu. E	Ci. ENE	Cu. E		Cu.-N.		N.		N.
14	Ci.-S.	Cu. E	Ci.-S.	S.-Cu. EbyN	Ci.-S.	S.-Cu. NEbyN	Ci.-S.	S.-Cu. NEbyE	Ci.-S.	S.-Cu. NEbyE
15	Ci.-S.	N.-cf. EbyN	Ci.-S.	N.-cf. E	Ci.-S.	N.-cf. E	Ci.-S.	S.-Cu. E	Ci.-S.	S.-Cu.
16	Ci.-S.	Cu. NE	Ci.-S. SE	Cu. ENE	Ci.-S.	Cu. ENE	Ci.-S.	Cu. ENE	Ci.-S.	Cu. ENE
17	Ci.	Cu. ENE	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.		Cu.
18	Ci.-S.	Cu. E	Ci.-S.	Cu. E	Ci.-S.	Cu. E	Ci.-S.	Cu. E	Ci.	Cu. E
19		Cu. E		N.-cf. E		Cu.	Ci.	Cu. E		Cu. E
20	Ci.	Cu.-N. E		Cu.-N. ENE	Ci.-S.	Cu.-N. ENE	Ci.-S.	Cu.-N. ENE	Ci.-S.	Cu.
21	Ci.-S.	Cu. E	Ci.	Cu. E	Ci.-S.	Cu. E	Ci.	Cu. E	Ci.	Cu. E
22	Ci.	Cu. NNE	Ci.	Cu. NNE	Ci.-S.	Cu.	Ci.-S.	Cu. NNE	Ci.-S.	S.-Cu.
23	Ci.-S.	N.-cf. NE		N.-cf. NEbyN		N.-cf. NEbyN		S.-Cu.		Cu.-N.
24		N.-cf. ENE		Cu.-N. ENE	Ci.	Cu. NE	Ci.	Cu. ENE	A.-Cu.	Cu. ENE
25	Ci.	Cu.	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu. E
26		Cu. E		Cu. E		Cu. E		N.-cf. E	Ci.	S.-Cu.
27	Ci.-S.	Cu.-N.		Cu.-N. E	Ci.-S.	Cu. E		Cu.-N. E		Cu.-N. E
28	Ci.-S.	Cu. E	Ci.-S.	Cu. E	A.-Cu.	Cu.-N. E	A.-Cu.	Cu. E	A.-Cu.	Cu.-N. E
29		Cu.-N. E	Ci.-S.	Fr.-N. E	Ci.-S.	Cu.-N. E	A.-Cu.	Cu.-N. E	Ci.-S.	Cu.
30	A.-Cu. SSE	Cu.	A.-Cu. SSE	Cu.	A.-Cu.	Cu. E		S.-Cu.		S.-Cu. E
31	A.-Cu. NE	Cu. NE	Ci.-S.	Cu.-N. NE	Ci.-S.	S.-Cu. NE	Ci.-S.	S.-Cu. NE	Ci.-S.	S.-Cu.

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	Calm	N 0.5	N 1	N 1.5	N 1	Calm	Calm	NE 0.5	E 0.5	W 0.5	WSW 1.5	WSW 2
2	NNW 1.5	NNW 2.5	NbyE 2.5	NbyE 1.5	NNW 4	NNE 1.5	NbyW 2	NNW 5	NNW 5.5	NNW 4	NW 3.5	NWbyN 4
3	NNE 1.5	NNE 2.5	NNE 3	NNE 3	NNE 2.5	NNW 1.5	NNW 1.5	NNE 1.5	N 1.5	NNW 1.5	SW 1	S .5
4	ENE 2	E 2	ENE 1.5	E 2	E 2	ESE 2	ESE 2	ESE 1.5	ESE 3.5	ESE 3	E 2.5	ENE 2.5
5	NE 1	NE 1	NE 1	NE 1	NE .5	NE 1	Calm	Calm	Calm	NW 1.5	E 1.5	ESE 4
6	ENE 1.5	ENE 1.5	E 1	ENE 2	ENE 2	NE 1.5	ENE .5	NE 1	NNE 1	W 1	WSW 2	WSW 3
7	E 1	Calm	NE .5	Calm	N 1.5	N 1.5	N 1	Calm	Calm	SSW 1	SSW .5	WSW 1
8	NE .5	ENE .5	NE .5	NE 1.5	NE 1	Calm	Calm	Calm	Calm	SSW .5	WbyS 1.5	Calm
9	NNE 1	NNE 1.5	NE .5	NNE 1	NE 2.5	ENE 1.5	ENE 1.5	Calm	ESE 1	WSW 2	WSW 1.5	WSW 2
10	ENE 1	ENE .5	ENE .5	Calm	ENE 1.5	ENE .5	ENE .5	Calm	ENE 1	NNE 2.5	WNW 1	WNW 3
11	N 1.5	NE 1.5	N 1.5	N 1.5	N 1.5	N 1	N 1	Calm	NNW 1.5	ENE 1	N 5.5	N 5
12	NNE 1	N 1.5	NNE 2	Calm	NNE 2.5	N 1	Calm	N 1.5	N 1.5	NNE 1	NE 1	WSW .5
13	NNE 1	Calm	N 1	NNW 2.5	NNW 2.5	N 3	N 1.5	NNW 2	NNW 1.5	N 3.5	NNE 3	NNE 4.5
14	NNW 3	NNE 2	NNE 2.5	ENE 1	N 4	N 5	N 4	N 2.5	NNW 3.5	N 7	N 4	NNE 4
15	NNW 4	NNW 5	NNW 5.5	NNW 3	NNW 4	NNW 4.5	NNW 1.5	N 1.5	NNW 5	NW 4.5	NNW 7	NW 3.5
16	NNW 5.5	NNW 5	NNW 4	NNW 2.5	NNW 3.5	NNW 3	NNW 1	Calm	Calm	NE .5	SSE 2	NNE 2.5
17	N 1	N 1.5	N 2	N 1.5	N 2.5	NNW 2	NNW .5	Calm	N .5	NNE 1	NE 2.5	NEbyN 7
18	NNE 2.5	NNE .5	Calm	N 2	NNW 2.5	NbyW 2	NbyW 3	N 1.5	NbyW 1	NNE 2	NNE 2	ESE 2.5
19	N 2	NNE 2	N 2.5	NNW 3	NNW 2.5	NNW 3	NNW 1.5	NbyW 1.5	NNW 1	N .5	NE .5	NNE 1
20	Calm	NE 1.5	NNW 2	NNW 1	Calm	N 1	Calm	NNE 2	NNW 3	NNW 1.5	NW 1.5	NNW 1
21	NNW 1.5	NNW 2	NNE 2	NNE 1.5	NNE 1.5	NE .5	N 3	N .5	NNW 3.5	N 4	NNW 1	WNW 4
22	NE 1	NNE 1	NNW 1.5	NNW 2	NNW 2.5	N .5	N .5	NNE 2	NNE 2	NE 1	NNW 1.5	WNW 1.5
23	Calm	Calm	Calm	NW 3	N 2	N 1	N 1	N 1.5	N 1.5	N 1	Calm	NNW 1
24	N 2.5	NNE 2	NE 2	NNE 3	NNW 1.5	NNE .5	NE .5	N 1	N 1	N 2.5	Calm	NNE 1
25	N .5	NNE 1.5	NNW 2	NNW 1.5	N 1	NW 1	NNW 3	NW 2	NNW 1	NW 4	N 6	NNE 4.5
26	NNE 2	NNE 1.5	NNW 2	NNW 1.5	NNE .5	N .5	Calm	NNE 1	NNW 2.5	NNW 3	N 4	N 7
27	Calm	Calm	NNE 1.5	NNE .5	NNE 1.5	NE .5	Calm	Calm	NNE .5	N 2	NNW .5	Calm
28	NW 1	Calm	Calm	NNE .5	NE 1.5	Calm	NNE 1	NNE 1	NNE 1.5	NNE 1.5	NNE 1	NE 1.5
29	Calm	Calm	NE 1	N 1.5	N 1	Calm	Calm	Calm	NW 3	N 1.5	N 1.5	NNE 3.5
30	WSW 1.5	SW 1	Calm	Calm	Calm	NNE 1.5	NNE 1.5	NNE .5	NNE 2	NNE 1	NE 2.5	NE 3.5
31	Calm	Calm	NNE 1.5	NNE 2	NNE 2	N 2	NNE 1.5	N 1.5	NNW 5.5	N 3.5	N 4	NW 6.5
Mean	1.4	1.4	1.6	1.6	1.9	1.4	1.1	1.1	1.8	2.1	2.2	2.8

Day.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Mid-night.	Mean.
1	WSW 0.5	Calm	Calm	Calm	NW 2.5	N 1.5	Calm	NNE 1.5	NNE 1.5	N 2.5	NE 1	NNW 3	1
2	NNW 2	N 1.5	NNW 6	NNW 5	NNW 3.5	NNW 7	NNE 1.5	N 2.5	NE 1.5	Calm	Calm	Calm	2.8
3	S .5	ESE 3	ESE 4	ESE 3.5	ESE 1	ESE 3	ENE 1	ENE 1.5	NE 2	ENE 1.5	ENE 1.5	ENE 2	1.9
4	ESE 1	ESE 2	ESE 3.5	SE 4.5	SE 1	ESE 1.5	ESE .5	E 1.5	E 1.5	E 1.5	E 1.5	E 1.5	2
5	ESE 5	ESE 5	SEbyS 3	SE 2.5	ESE 2	ESE 2.5	Calm	ESE 2	ESE 2	Calm	E .5	E .5	1.6
6	WNW 3.5	W 3.5	WSW 2	SSE .5	SE 1	SSE .5	Calm	Calm	Calm	E 1	E 1	Calm	1.3
7	WNW 1.5	ESE 3.5	ESE 2	ESE 3	SE 1.5	SE 3	ESE 3	ESE 2	ESE 2	ESE 1	NE 1.5	Calm	1.3
8	N 2.5	E 1	ESE 1	E 1	ESE 2	ESE 2	NE .5	ENE 1	ENE 1.5	E 1.5	E .5	E 1	.9
9	W 4	Calm	W 1.5	E 1	NE 3	Calm	NE 2	NE 2	E 2	E 1.5	ESE 1.5	NE 1	1.5
10	W 3	SW .5	SW .5	NE 3	NE 3	N 1	N 1	NE 3	NE 2.5	NE 1.5	NE 1	NE .5	1.4
11	N 3	N 2.5	N 3.5	N 2	N 2.5	N 4	NNE .5	NNE 2.5	NNE 2.5	NE 2	N 2	NNE 1.5	2.1
12	ENE .5	NNE 5	NE 1	NNW 6.5	NbyW 2.5	Calm	Calm	N .5	NW 1	Calm	N 1	NNE 1	1.4
13	NNE 4	NNE 3.5	NNE 6	NNE 3	NNE .5	NNE .5	NNE .5	NNW 3	NNW 3	N 2	NNE 2.5	ENE 1.5	2.3
14	NNE 4.5	NNE 3.5	N 4.5	NNE 5.5	NNE 7.5	N 3.5	NNE 5	NNE 5.5	N 6	N 5.5	N 5	NNW 5	4.3
15	NNW 4	NNW 3.5	NNE 2	NE 2	NNE 1.5	NNE 2	NNW 1.5	NNW 5.5	NNW 4	NNW 6.5	NNW 6.5	NNW 4	3.8
16	NNE 6.5	N 7.5	NNW 7.5	N 7	NNE 5.5	NNE 3.5	NNE 2.5	Calm	Calm	NNW 2.5	N 1.5	NNE 1	3.1
17	NNE 7.5	NE 6	NE 7	NE 6	NE 4	NE 2.5	NNE 1.5	Calm	NNE 2.5	NNW 1.5	NNE 2	NNE 2	2.7
18	Calm	ENE 4	NbyE 1.5	N 4.5	NNE 1.5	Calm	Calm	NNE 1.5	NNE 1.5	N 2	NNE 1.5	N 2.5	1.8
19	NNE 4	NE 3	NNE 3	NNE 4	NE 3.5	NE 2	Calm	ENE 1	ENE .5	ENE .5	ENE .5	NNE 1	1.8
20	NE .5	NE .5	NW .5	NE .5	ENE 1	E .5	NE .5	NE 1	NE .5	NNE 1.5	NW 1.5	NW 1	1
21	WNW 3	NNW 4.5	NNE 1.5	SSE 1.5	SSE 1	ESE .5	NE 1	NE 1.5	NE .5	ENE 1	Calm	ENE .5	1.7
22	W 2	WSW 3	WSW 1.5	SW 3	SE 2	SE 1	SE 1	Calm	Calm	ESE 1.5	Calm	ESE 1.5	1.4
23	WNW 1	SW 1.5	SW .5	SW 2.5	SW .5	SW .5	NW 3	NNW 1.5	N 2.5	N 4	NNW 4	NNW 3.5	1.5
24	NNE 4	N 5.5	NNE 2.5	NE 2.5	NNW 4.5	NNW 3.5	N 3	N 1.5	NNW 1	N 1.5	NNW 1	NNW 1	2
25	NNE 6	NNE 4	N 7	NNW 3	N 2.5	NNW 2	N 3	N 2	N 2.5	N 2	N 2	N 1.5	2.7
26	NNW 5.5	NNW 2.5	NNE 3	N 4.5	NNE 1	N .5	N .5	N 1.5	N 1	N 1	N 1	N .5	2
27	NE .5	NNW 3.5	ENE .5	E 1.5	Calm	ESE 1	Calm	N 1	NNE 1.5	NNE 1.5	Calm	Calm	.8
28	E 3.5	NE 2	ENE 1.5	ENE 2.5	NE 3	NE .5	Calm	NNE 1.5	NNE 1	Calm	Calm	Calm	1.1
29	NNE 2.5	NNE 2	N 3.5	N 5	NNE 2	N 3	Calm	E 1.5	E 1	Calm	Calm	E 1	1.4
30	NE 6.5	NE 5.5	NE 5	NE 5.5	NE 1	Calm	NE 1.5	NE .5	ENE 1	Calm	NE .5	NE .5	1.8
31	NW 3.5	WNW 5	NW 5.5	N 4	NE 2	NE 2	Calm	NE 1.5	NE 1	NE .5	N 1	N 1.5	2.4
Mean	3.1	3.2	3	3.2	2.3	1.8	1.1	1.7	1.6	1.6	1.4	1.3	1.9

WIND—VELOCITY IN KILOMETERS PER HOUR.

Day.	Mdt.-1 a.	1-2 a.	2-3 a.	3-4 a.	4-5 a.	5-6 a.	6-7 a.	7-8 a.	8-9 a.	9-10 a.	10-11 a.	11-Noon.
1	2.5	2.5	4.5	3	3	5	8.5	8.5	6	3	**9.5**	8
2	3	6.5	7	7.5	7	13.5	13	18.5	18	**20.5**	18	16
3	1.5	8	9.5	8.5	9	4.5	8.5	8	**7**	3.5	5.5	4
4	4	5	4	4	7	9	11	10.5	14.5	16.5	**20.5**	16
5	6	3	3.5	4.5	3.5	3	2.5	1.5	3	2.5	15	13
6	4	6	4	7	6	7	4	2.5	2.5	3	9	11
7	2	1.5	2	1.5	3.5	5.5	4.5	2	2.5	2.5	9	8.5
8	3	2	3	3	4	1	2	3	4	3	11	7.5
9	2.5	2.5	1.5	3	7	8.5	7	3.5	3	3	12	10
10	4	3	3.5	1.5	5	5	4	2.5	5.5	4	6	10
11	3.5	4.5	3	4	3	3	2.5	1.5	1	3	14	18
12	2	2	8	4	4	2.5	.5	2	8	5	4	5.5
13	2.5	1	3	8	9	8	7	10	12	13	22	20
14	10	8	9	4	8	14	14	16	14	19	21	28
15	15	12.5	16.5	16	15	12	13	11	12	20	**25**	23.5
16	20.5	17.5	17.5	12	11.5	13	7	4.5	9	7.5	5	9.5
17	3.5	4	5.5	5.5	7	9.5	8.5	5	2	4	22	24
18	9	4	2	4	7.5	10.5	12	11	11	8.5	8	5
19	8.5	9	9	12	13.5	11	9	8	11	13	13	9
20	3.5	4.5	7	5.5	4.5	3	6	7	8	8	**9**	8
21	2.5	5.5	6	7	6	6	5	7	11.5	16	17.5	17
22	3	3	4	7	9	9	9.5	11	10.5	9	7	**16**
23	5	1.5	.5	7	7	6	4	6	14	12	12	9
24	10	9	6	10	6	6	7	4	5	6	5.5	15.5
25	2.5	1.5	5	4.5	4.5	8	9	11.5	12	14	20.5	22
26	6	7.5	7.5	9	4	2	2	5	13	16.5	23.5	**25.5**
27	2.5	1	3.5	2.5	2.5	4	3.5	2.5	**4**	11	**11.5**	3.5
28	3.5	2	2	3.5	6	7.5	3.5	3.5	6	5	8.5	4.5
29	1.5	2	2	6	6	2.5	4	1.5	3.5	9	13	12
30	6.5	4	.5	1.5	1	3	2	6.5	11	8	17	18.5
31	0	1.5	3	6.5	9	7	10.5	11	16.5	18	19	20
Mean	5	**4.7**	5.3	5.9	6.4	6.8	6.6	6.6	8.4	9.3	13.3	13.5

AMOUNT OF CLOUDS (0-10).

Day.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	Mean.	Sunshine.
														h. *m.*
1	8	9	8	9	9	10	10	10	10	10	10	10	9.4	0 15
2	10	10	9	9	10	10	10	10	10	10	10	10	9.8	**0 00**
3	8	7	7	9	10	10	10	9	10	10	10	10	9.2	2 50
4	3	4	3	3	4	8	3	3	4	2	2	1	3.3	**9 05**
5	9	9	9	7	8	4	3	4	3	2	2	8	5.7	7 20
6	2	3	3	1	3	5	3	3	3	3	4	4	**3.1**	8 35
7	9	8	3	2	3	5	6	6	3	2	2	2	4.2	8 05
8	3	3	7	4	5	7	9	8	3	3	3	2	4.8	6 05
9	4	2	1	4	3	7	5	5	6	5	4	2	4	7 45
10	9	3	7	2	2	3	8	3	4	6	6	4	4.8	6 40
11	10	4	3	5	7	5	5	9	9	**9**	8	10	7	5 10
12	10	8	**9**	2	5	7	7	6	8	8	6	5	6.8	4 40
13	10	10	7	10	7	5	7	8	7	10	10	10	8.4	2 40
14	10	10	10	10	10	10	9	9	10	10	10	10	9.8	0 05
15	10	10	10	9	8	8	10	10	10	10	10	10	9.6	0 25
16	9	7	6	8	8	9	8	9	9	9	9	8	8.2	1 20
17	4	4	5	5	6	5	3	3	5	8	8	5	5.1	7 25
18	10	10	8	9	10	5	9	8	8	6	7	4	7.8	2 45
19	3	2	2	3	3	6	7	10	6	3	2	3	4.2	5 45
20	10	10	10	10	10	9	8	8	9	10	9	6	9.1	0 50
21	10	10	9	10	9	10	9	8	9	6	6	10	8.8	2 00
22	10	6	7	6	7	9	8	5	5	8	8	10	7.4	5 30
23	4	4	2	5	9	9	10	10	10	9	7	10	7.4	4 00
24	10	9	10	9	10	10	10	10	9	8	7	9	9.2	0 40
25	3	5	5	8	7	8	6	6	4	7	5	8	6	5 00
26	10	5	4	7	10	10	8	9	9	10	8	10	8.3	4 40
27	10	10	10	10	10	10	10	10	10	10	10	10	**10**	**0 00**
28	10	10	10	10	10	9	9	10	10	10	10	10	9.8	1 30
29	3	9	10	7	10	10	10	10	10	10	10	10	9.1	2 20
30	10	10	8	7	7	10	10	9	7	10	10	9	8.9	2 35
31	9	10	9	9	9	9	8	10	10	10	10	10	9.4	1 50
Total														117 50
Mean	7.7	7.1	6.8	**6.7**	7.4	**7.8**	7.7	7.7	7.4	7.5	7.2	7.4	7.4	3 48

WIND—VELOCITY IN KILOMETERS PER HOUR.

Noon–1 p.	1–2 p.	2–3 p.	3–4 p.	4–5 p.	5–6 p.	6–7 p.	7–8 p.	8–9 p.	9–10 p.	10–11 p.	11–mdt.	Mean.
9.5	3.5	3.5	2	4	6.5	1	2	1	5	3.5	4.5	4.6
16	12	13	15.5	16.5	15.5	12.5	7.5	5	1	.5	2.5	11.1
5	13.5	15.5	19	15	10.5	7.5	8	8.5	6.5	6	7	8.3
16.5	16.5	16	15	12.5	8.5	5.5	5.5	4.5	5	5.5	3	9.8
17	20	13	16	13	12	7	6	5	4	.5	1.5	7.3
17	13.5	9.5	5.5	6	5	4	1	1	3	4	3	5.8
9.5	9	14	15	13	9	9	6	8	6	4	4	6.3
6.5	5.5	13	10.5	14	9.5	7	3	3	3.5	1.5	1	5.2
13	9	7	13	15	9	8	7	7	8.5	5.5	4	7.1
18	11	7	8	16	11	9.5	9.5	13	7.5	1.5	0	6.9
22	23	18	20	18	17	16	12	9	8	4.5	5.5	9.8
8.5	16	16	17	15	6.5	.5	0	4	2	5	2.5	5.9
29	27	23	22	14	9	8	8	8	8	10	4	11.9
35	36	27	32	25	23	16	20	25	22	16	18	19.2
20.5	13.5	12.5	12	12.5	10.5	10	17.5	13.5	21.5	22.5	19	15.7
25.5	25	25.5	20.5	19	15.5	10.5	3	0	4	7	3.5	12.2
29	27	25	29	24.5	19.5	8.5	7.5	9	6.5	7	6.5	12.5
7	11	15	17	16.5	10.5	8	5.5	7	6.5	6	7	8.7
17	14	15	15	16	12	5	3	3	.5	1.5	3	9.6
4	5.5	7	4.5	7.5	6	5.5	3.5	2.5	3	4.5	4	5.5
18	15	9	7	6	6	10	6	4	4	2	2	8.2
15	11.5	10.5	8	8	9	4.5	2.5	.5	4.5	2	4	7.4
10	11	10	11	12	7	14.5	3.5	8	14	15	13	8.9
12	19	18	14.5	13.5	11	14	8	3.5	4	2.5	6	9
29	26	26	23	21	16	14	10	9	8	9	8	13.1
22	23.5	21	23	16	11	7.5	6.5	4	3	4	3	11.1
4	5	9	5	1	2	2.5	5	6.5	5	2.5	1	4.2
10	12.5	18.5	15	14.5	6.5	6	7	4.5	3	2.5	1	6.5
10	14	13.5	14.5	15	7	4	5	3	1	3	3	6.5
22.5	22	27	18	16	10	4.5	3.5	3.5	1	1	2.5	8.8
24	17	15	11	15	8	4.5	4.5	4	1	2	3	9.6
16.2	15.7	15.3	14.8	13.9	10.3	7.9	6.4	6	5.8	5.2	4.8	8.9

FREQUENCY OF THE WIND.

Day.	N.	NNE.	NE.	ENE.	E.	ESE.	SE.	SSE.	S.	SSW.	SW.	WSW.	W.	WNW.	NW.	NNW.	Calm.	Total wind velocity.	Atmidometer.	Rainfall.
																		Kms.	*mm.*	*mm.*
1	6	2	2		1							3	1		1	1	7	110	2.1	2.8
2	3	4	1												1	12	3	266	.1	20.8
3	1	6		6		5			2		1					3		199.5	1.4	9
4				3	9	10	2											236	3.6	
5			6		3	7	1	1							1		5	176	3.2	
6		1	2	5	3		1	2				3	2	1			4	138.5	3	
7	3		2		1	7	2			2		1		1			5	151.5	3	
8	1		5	3	5	3				1			1				5	124.5	2.7	
9		3	6	2	3	2						3	2				3	169.5	3.5	
10	2	1	7	7							2		1	2			2	166	3.5	
11	15	4	2	1												1	1	234	4.3	.5
12	7	6	2	1								1			1	1	5	140.5	4.1	
13	5	11		1												6	1	285.5	4.4	
14	11	9		1												3		460	8.1	
15	1	3	1												2	17		377	5.3	
16	3	6	1					1								9	4	293.5	5	
17	6	6	7													3	2	299.5	6.4	
18	8	9		1		1										1	4	209.5	4.2	
19	4	6	4	4												5	1	231	4.1	
20	1	2	7	1	1										4	5	3	131.5	2.5	
21	3	4	4	2		1		2						2		5	1	196	3.7	
22	2	3	2			2	3				1	2	1	1		4	3	178	3.8	
23	8										5	1			2	4	4	213	3	2.8
24	8	6	3													6	1	216	3.5	
25	11	4													3	6		314	5.7	
26	11	6														6	1	266	4.1	
27	2	6	2	1	1	1										2	9	100.5	1.4	1
28		8	5	2	1										1		7	156.5	2.6	
29	7	4	1		3										1		8	156	2.9	1.3
30		5	11	1							1	1					5	211	4.7	
31	7	4	5											1	3	1	3	231	4.1	
Total	136	129	88	42	31	39	9	6	2	3	10	15	8	8	20	101	97	6,637.5	114	38.2
Mean	4.4	4.2	2.8	1.4	1	1.3	0.3	0.2	0.1	0.1	0.3	0.5	0.3	0.3	0.6	3.3	3.1	214.1	3.7	1.2

EXTREME VALUES.

Day.	Maxima.						Minima.					
	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.
	mm.		°C.		*Per cent.*	*mm.*	*mm.*		°C.		*Per cent.*	*mm.*
1	759.90	9.15a.	29	3.15p.	96	21.6	756.15	2.15p.	22.3	4.15a.	70	18
2	**57.05**	9.10a.	27.2	11.55a.	**97**	21.1	**54.30**	2.40p.	22.8	7.40a.	**81**	18.4
3	58.45	10.25p.	30.8	1.35p.	**97**	**22.8**	54.50	2.30p.	22.7	4.05a.	76	**20.2**
4	60.55	9.00p.	32.2	3.15p.	95	21.6	57.40	2.15a.	**23.5**	6.10a.	60	19.5
5	61.20	9.05a.	32.2	1.10p.	**97**	22.2	58.55	2.45p.	22.2	6.25a.	59	18.9
6	61.48	9.00a.	30.9	3.50p.	95	21.3	59.19	3.00p.	20.7	6.25a.	62	17.1
7	61.05	8.35a.	31.9	2.05p.	**97**	22.1	58.59	3.00p.	22	4.20a.	64	19.1
8	62.40	11.15p.	31.9	3.15p.	96	22	59.90	2.25a.	21.8	5.20a.	62	19.1
9	63.50	9.00a.	**32.8**	2.35p.	96	21	60.45	2.35p.	22.1	6.05a.	58.5	18.6
10	**64.10**	9.40a.	31.3	3.40p.	96	20.8	**60.86**	4.00p.	21.6	6.30a.	65	18.3
11	63.90	8.45a.	30.7	10.35a.	90	20	60.60	3.20p.	22.7	5.20a.	61	18.2
12	62.79	9.00a.	31.9	1.20p.	94	19	59.95	2.15p.	21.5	4.25a.	49	16
13	62.20	9.00a.	30.4	1.40p.	89	19	59.94	3.00p.	22.5	1.50a.	57	17.2
14	61.05	9.55a.	29.4	2.15p.	89	18.1	57.55	3.45p.	22.1	3.50a.	51.5	15.2
15	59	8.50a.	30.7	0.30p.	**80**	19.1	55.85	2.40p.	22.4	6.15a.	61	16.3
16	60.55	10.55p.	29.2	1.15p.	87	17.4	56.95	1.45a.	19.4	11.55p.	54	14.5
17	61.70	Midnight.	28.2	1.40p.	88	15.1	59	2.45p.	17.7	4.50a.	**44**	**11.7**
18	62.60	9.25a.	28.6	2.05p.	85	**14.5**	59.95	3.50p.	**17.4**	4.30a.	47	12.4
19	62.90	9.35a.	29	1.50p.	87	15.4	60.30	3.15p.	18.7	11.55p.	52	13.4
20	62.42	10.00a.	**27**	3.15p.	93	15.7	59.30	3.15p.	18.5	0.45a.	60	14.4
21	61.20	9.55a.	29.2	3.55p.	92	16.9	58.05	2.35p.	18.5	4.25a.	56	14.6
22	60.55	8.35a.	29.9	2.20p.	90	19.1	56.80	2.45p.	20.6	2.35a.	60	15.5
23	59.90	10.00p.	29.9	3.20p.	88	20.2	56.95	3.10p.	21	6.05a.	67	16.3
24	60.65	10.30p.	29.4	3.45p.	94	20.6	57.95	2.55p.	21.7	10.50p.	61	16.3
25	62.25	9.15a.	29.7	2.30p.	88	17.4	59.50	3.00p.	20.1	4.55a.	54	15.4
26	61.30	8.45a.	29.9	2.15p.	91	19.1	58.50	3.20p.	22	6.00a.	62	17.1
27	60.30	9.05a.	29	11.05a.	96	21.3	57.35	2.30p.	22.3	3.35a.	70	19
28	59.85	8.00a.	31.7	3.25p.	**97**	20.2	57.10	3.30p.	22.4	5.30a.	55	18
29	59.50	9.05a.	29.4	11.05a.	94	19.7	56.80	2.45p.	21	6.35a.	58	16.3
30	59.45	8.45a.	30.1	3.15p.	94	18.7	56.65	3.10p.	21.6	6.30a.	55	15.9
31	59.80	9.30a.	29.4	11.35a.	86	18.5	55.95	3.30p.	22.1	4.45a.	61	16.9
Mean	761.08	.....	30.1	.....	92.1	19.4	758.09	.....	21.2	.....	59.8	16.7

DAILY GENERAL REMARKS.

1____⊕° in the forenoon; coloration of clouds at sunset; d° 11.10 p. m.
2____☇ NNE in the early morning; somewhat rainy weather.
3____d in the forenoon; ● in the afternoon.
4____Cloudy weather.
5____As yesterday.
6____Do.
7____Do.
8____Do.
9____Do.
10____Do.
11____d at night.
12____Cloudy weather.
13____d° in the morning and afternoon.
14____Coloration of lower clouds at sunset; ☋ in the evening.
15____Somewhat gusty NNWly winds at intervals.
16____Convergence of Ci. toward SE in the morning; ⊕°, somewhat gusty Nly winds in the afternoon.
17____Somewhat gusty NE winds in the afternoon; ☋° in the evening.
18____♎° early in the morning; coloration of upper clouds at sunset.
19____Coloration and convergence of Ci. toward SE at sunset.
20____Intense coloration and convergence of Ci. toward SSE at sunset.
21____Overcast.
22____Do.
23____◠, ●° in the evening.
24____●°, ☇ E and W early in the morning; d in the forenoon and afternoon.
25____Somewhat gusty Nly winds in the afternoon.
26____d° in the afternoon.
27____●° 11.40 a. m.; d° in the afternoon.
28____Coloration of upper clouds at sunrise.
29____d° in the afternoon; ● in the evening.
30____Overcast.
31____Coloration of upper clouds at sunrise.

OBSERVATIONS FOR FEBRUARY, 1916.

ATMOSPHERIC PRESSURE, 700mm+.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	57.90	57.35	57.10	57.20	57.20	57 49	57.85	58.36	**58.69**	58.65	58.37	57.90
2	57.70	57.45	57.20	57.25	57.25	57.52	57.94	58.47	**58.85**	58.73	58.36	57.91
3	57.30	56.75	56.65	56.90	57.35	57.76	58.06	58.57	**59.05**	58.94	58.38	57.79
4	57.70	57.40	57.10	56.95	57.25	57.58	58 14	58.69	59.09	**59.52**	59.05	58.36
5	57.50	57.20	57.10	57.20	57.50	57.87	58.47	59.20	**59.50**	59.41	59.25	58.73
6	58.75	58.55	58.25	58.40	58.90	59.43	59.93	60.33	60.58	**60.73**	60.12	59.24
7	58.15	57.80	57.60	57.35	57.30	57.83	58.23	58.73	**59.08**	59.06	58.75	58.32
8	57.20	56.80	**56.55**	56.60	56.90	57.71	58.31	58.67	59.14	59.22	58.88	58.36
9	59.30	59.05	59	58.85	59.15	59.76	60.43	60.90	61.07	**61.15**	60.79	60.34
10	60.75	60.55	60.40	60.15	60.40	60.76	61.23	62	**62.65**	62.56	62.31	61.58
11	61.05	60.75	60.55	60.55	60.60	61.09	61.59	62.15	62.41	**62.42**	62.04	61.58
12	61.05	60.95	60.65	60.40	60.65	60.94	61.46	62.03	**62.27**	62.25	61.90	61.45
13	61.55	61.30	61.05	60.90	61.10	61.49	61.86	62.15	**62.48**	62.39	61.95	60.43
14	62	61.60	61.45	61.50	61.60	62.06	62.54	62.64	**62.87**	62.82	62.22	61.89
15	60.35	59.90	59.60	59.60	59.80	60.32	61.15	61.69	62.03	**62.09**	61.65	60.99
16	60.70	60.30	59.90	59.90	60.10	60.56	61.08	61.58	62	**62.07**	61.54	61.14
17	60.35	59.80	59.55	59.65	59.75	60.28	61.01	61.26	61.43	**61.45**	61.04	60.12
18	59.45	59	58.75	58.55	58.70	59.26	59.68	59.88	**60.15**	59.96	59.49	58.74
19	57.95	57.65	57.50	57.40	57.40	58	58.69	58.79	59.05	**59.36**	58.83	58.29
20	57.90	57.15	56.75	56.65	56.70	57.47	57.77	58.35	58.55	58.45	58.18	57.75
21	58.65	57.90	57.65	57.70	57.65	57.94	58.33	58.66	58.81	**59.04**	58.77	57.99
22	58.20	58.05	57.80	57.75	57.60	58.03	58.76	58.93	59.11	**59.38**	58.95	58.15
23	58	57.55	57.15	57.10	57.20	57.79	58.24	58.72	59.04	**59.23**	58.82	58.09
24	58	57.70	57.35	57.30	57.40	58.05	58.51	59	59.14	**59.23**	58.98	58.44
25	58.65	58.20	58	58.10	58.50	59.10	59.64	60.04	60.16	**60.32**	59.84	59.10
26	58.95	58.55	58.35	58.30	58.60	58.76	59.14	59.84	60.47	**60.50**	60.19	59.44
27	57.85	57.50	57.40	57.55	57.90	58.55	59.31	59.72	**60.01**	**60.01**	59.45	58.62
28	58.55	58.20	58	58.10	58.45	59.14	59.64	60.29	**60.42**	60.37	60.02	59.33
29	59.15	58.65	58.45	58.50	58.70	59.26	60.16	60.81	**61.02**	60.99	60.19	59.39
Mean	58.99	58.61	58.37	58.36	58.54	59.03	59.56	60.02	60.31	**60.36**	59.94	59.29

TEMPERATURE (°C.).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	23.7	23.6	23.5	22.7	22.9	22.2	**22.1**	24.4	26.7	27.7	27.5	27.4
2	23.9	23.8	23.5	23.8	22.9	22.8	**22.7**	25.8	27.6	29	27.3	27.9
3	23.9	23.4	22.6	**21.9**	22.7	22.8	22.9	23.8	26.6	27.5	28	28.9
4	23.8	**23.2**	23.3	23.7	23.8	23.7	24.3	25	24.9	24.6	23.7	25.1
5	22.9	22.8	22.8	22.9	22.7	22.1	22.1	25	26.4	28	28.7	**29.1**
6	21.1	20.6	19.9	19.7	19.6	**19.3**	20.1	23.3	25.8	26.3	26.8	27.2
7	21.3	21	20.4	19.6	19.3	**19**	**19**	22.2	24.5	25.7	26.7	26.9
8	19.6	18.6	18.3	17.8	17.4	**17.3**	17.8	21.6	23.9	25.5	26.7	26
9	19	18.4	18.1	17.7	17.6	**17.5**	17.9	21.1	25	26.3	27.1	27.1
10	**21.9**	22.4	22.1	22.2	21.6	21.2	21.8	22.6	**22.6**	23.6	24.5	27.1
11	**20.5**	20.7	19.6	19.1	**18.9**	19.2	20	22.6	25.4	28.1	28.3	27.2
12	23.4	22.8	22.8	22.7	22.5	22.5	22.7	23.5	27.3	28.3	29	26.9
13	21.3	21.4	21.6	21.1	20.8	**20.2**	20.8	23.4	26.9	28.1	28	27
14	24.1	23.2	23.3	22.7	22.8	**22.2**	23	24.5	27	27.9	28.2	27.3
15	24	23.9	24	23.8	23.5	23.2	**23**	23.4	23.9	25.1	25.7	**26**
16	22.8	22.4	22	21.9	21.9	**21.8**	22.3	23.4	25.4	27	28.7	28.4
17	22.9	22.7	22	**21.8**	21.9	21.9	21.9	23.5	25.6	28	28.6	28.6
18	24.1	24.2	24.4	24.3	23.9	23.2	**23**	25.5	27.9	27.5	28.3	28.6
19	23.9	23.3	22.8	22.2	**22**	**22**	22.3	24.2	27.5	27.4	27.2	29
20	24.2	23.8	23.9	23.9	23.8	**23.7**	24	25.2	27.3	29	29	**30.9**
21	24.6	24.3	23.8	23.7	23.7	**23.6**	23.8	25.8	27.9	28.1	28.5	28.2
22	24.9	24.8	24.7	24.6	**24.3**	24.4	24.4	25.4	26.2	27.1	28.1	**29.1**
23	23.6	23.1	23.1	23	22.7	**22.4**	22.9	27	29.3	30.2	30.5	31.7
24	23.7	23.4	22.8	**22.3**	23	22.6	23.3	25.4	27.7	30	30.2	31.1
25	22.2	21.7	21.2	20.9	20.5	**19.7**	21	25.3	26.8	27.9	28	28.2
26	22.8	21.9	21.5	21.2	20.9	**20.7**	21.2	23.2	25.9	28.2	28	28.2
27	24.7	24.1	23.1	**22.3**	**22.3**	22.6	22.9	25.4	27.2	29	29.2	28.1
28	23.9	23.7	23.1	23	23.1	23	22.9	25.5	27.8	28	28.9	27.7
29	21.5	20.7	20.2	20.4	**19.7**	19.8	20.8	25.2	27.4	28.1	30.2	30.5
Mean	22.9	22.5	22.2	22	21.8	**21.6**	22	24.2	26.4	27.5	27.9	28.1

ATMOSPHERIC PRESSURE, 700mm+.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
57.36	56.69	**56.02**	56.18	56.33	56.48	57.18	57.70	58.20	58.25	58.20	58	57.53
57.02	56.32	55.86	**55.84**	56.13	56.55	57.12	57.60	57.65	57.55	57.50	57.35	**57.38**
57.03	56.26	**55.86**	56.06	56.66	57.06	57.32	57.95	57.95	58.20	58.25	58	57.50
57.20	56.90	56.30	**56.24**	56.63	56.65	56.88	57.25	57.70	57.95	57.80	57.75	57.59
58.08	57.37	**56.87**	56.93	57.10	57.51	57.92	58.45	58.70	58.90	59	58.90	58.11
58.49	57.71	57.04	**56.70**	56.94	57.14	57.45	57.65	57.80	58.20	58.10	58.35	58.53
57.47	56.86	56.41	**56.22**	56.25	56.44	56.50	56.65	57.10	57.35	57.40	57.35	57.51
57.79	57.24	56.91	56.69	56.88	57.06	57.40	57.95	58.65	59	59.35	**59.40**	57.86
59.41	58.61	**58.13**	**58.13**	58.63	58.94	59.40	59.85	60.15	60.60	60.85	61	59.73
60.89	59.91	59.49	**59.38**	59.55	59.73	60.44	61.05	61.45	61.55	61.25	61.20	60.88
61	60.05	59.54	**59.52**	59.75	60.04	60.47	61	61.30	61.60	61.65	61.55	61.01
60.87	59.73	**59.57**	59.63	59.84	60.19	60.95	61.45	61.80	62	62	61.85	61.08
60.58	59.64	59.12	**58.99**	59.34	59.79	60.50	61.15	61.80	62.05	62.30	62.25	61.09
60.91	59.93	59.38	**59.08**	59.30	56.63	59.93	60.55	60.90	61.10	60.95	60.70	**61.15**
60.21	59.63	59.10	**58.94**	59.35	59.85	60.25	60.75	61.10	61.35	61.30	61.05	60.50
60.09	59.10	58.63	**58.32**	58.50	58.99	59.62	60.20	60.60	60.90	60.75	60.55	60.30
59.24	58.37	57.87	**57.63**	57.84	58.19	58.64	59.30	59.65	59.90	59.95	59.85	59.67
58.14	57.33	56.89	**56.88**	57	57.46	57.52	57.95	58.30	58.45	58.80	58.65	58.54
57.37	56.80	**56.49**	56.77	56.95	57.12	57.10	58	58.30	58.10	58.25	58	57.84
57.07	56.37	56.03	**56.02**	56.50	56.88	57.15	57.70	58.05	58.05	58.80	**58.95**	57.47
57.42	56.83	56.19	**56.06**	56.25	56.54	57.08	57.40	57.70	58.10	58.55	58.55	57.74
57.39	56.80	56.42	**56.39**	56.69	57.12	57.65	57.85	58.15	58.20	58.40	58.35	57.92
57.23	56.52	**56.05**	56.07	56.45	57.24	57.57	58.30	58.75	58.80	58.75	58.35	57.79
57.73	57.07	**56.57**	**56.57**	56.80	57.34	57.61	58	58.40	58.50	58.80	58.90	57.97
58.40	57.50	56.89	**56.82**	57.05	57.12	57.30	57.95	58.65	59	58.95	58.85	58.51
58.35	57.48	56.77	**56.43**	56.59	56.97	57.42	58.05	58.45	58.60	58.75	58.40	58.47
57.94	57.02	**56.35**	56.49	57.01	57.64	57.75	58.50	58.95	59.30	59.55	59.15	58.31
58.12	57.41	**56.58**	**56.58**	56.95	57.32	58.07	58.55	59.20	59.40	59.45	59.35	58.65
58.51	57.88	**57.43**	57.50	57.65	57.70	57.99	58.50	59	59.80	59.95	59.85	59.04
58.53	57.77	57.27	**57.21**	57.48	57.82	58.21	58.73	59.12	59.34	59.43	59.33	58.82

TEMPERATURE (°C.).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
27.7	27.8	**28**	26.2	26.6	26	25.3	25	24.8	24.6	24.2	24	25.2
30.2	**30.2**	29.6	28.9	27.8	26.9	26.4	**25.6**	25.1	24.7	24.1	23.7	26
29.6	**30.5**	30.3	29.3	28	27	26.5	26.2	25.3	24.9	24.6	24.2	25.9
27.3	26.7	27.3	**27.7**	26.2	25.8	25.5	24.9	24.9	24.8	24	23.2	24.9
29	29	**29.1**	**29.1**	28	26.5	25.9	25.4	25.1	22.8	21.9	**21.2**	25.4
27.7	28.7	**29.2**	28.5	27.5	25.9	25.5	25.1	24.7	22.8	21.6	21.3	24.1
27.3	27.5	**28.1**	28	26.7	25	24.8	24.6	23.8	21	20	19.8	23.4
26.6	27.2	**27.4**	27.1	26.2	24.9	24.7	24.3	23.9	21.1	20.1	19.4	**22.6**
27.3	28.1	28.4	**28.5**	27.7	26.2	25.6	24.9	24.6	23.1	22.3	22	23.4
29.3	28.3	27.9	28.5	27.9	25.8	25	23.9	23.1	22.7	21.4	**20.7**	24.1
28.2	28.5	28.7	**28.9**	26.5	25.8	25.4	25.2	24.8	24.4	24.2	23.8	24.3
29.2	30	**30.4**	29.3	28	25.9	24.6	23.6	23	22.8	23	**21.9**	25.3
27.8	28.7	30	**30.7**	29.4	27.4	26.4	25.5	25.1	24.9	24.7	24.2	25.2
29.2	29	27.6	**29.2**	27.8	27.1	26.3	25.2	24.5	24.1	23.3	24	25.6
25.4	24	23.8	24.9	25.2	23.7	23.7	23.8	23.6	23.7	23.7	23.2	24.1
29.1	29.1	29.1	**30**	**30**	28.1	27	26	25.2	24.9	24.4	23.5	25.6
29.2	29.6	29.6	**29.7**	29.5	27.7	27	26.5	25.6	24.8	24.7	24.6	25.7
29.3	**30.7**	**30.7**	29.7	28.8	27.4	26.3	25.7	25.4	24.9	24.1	24	26.3
29.2	28.2	28.3	27.8	27	26.3	25.7	25.6	25.3	24.9	24.5	24.5	25.5
30.9	30.3	29	28.8	28.6	27.7	26.8	26.1	25.8	25.4	25.4	25.3	26.6
30	27.6	29	28.8	28.7	27.6	26.6	25.4	25	25	25	25.1	26.2
28	28.5	28.3	28.4	27.2	26.2	25.7	25.2	25	25.2	25	24.4	26
32.3	**32.4**	32.2	31.8	30.2	28.4	27.2	26.2	**25.5**	25.2	24.8	24.4	**27.1**
31.5	**32**	31.9	31.2	29	27.5	26.4	25.7	25.2	24.7	23.8	22.8	26.6
28.9	29.8	**30.4**	30.1	29.2	27.7	26.5	25.9	25.2	24.2	23.8	23.7	25.4
29.1	29.4	30.1	**30.6**	30.3	28.1	26.6	25.6	25.1	24.3	24.5	25.1	25.5
29.3	29.7	**30.3**	27.9	27.5	27	26	25.7	25.2	24.9	24.1	23.9	25.9
29.7	30.1	**31**	30.7	29.5	27.4	26.1	25.3	24.4	22.9	22.1	**21.6**	25.9
31	**31.6**	30.3	29.8	29	27.3	27	26.4	25.6	25.9	25.1	24.6	25.8
28.9	29.1	**29.2**	29	28.1	26.7	25.9	25.3	24.8	24.1	23.6	23.2	25.3

RELATIVE HUMIDITY (%).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	81	79	78	85	86	**91**	**91**	76	71	**67**	69	70
2	87	87	89	86	92	91	**93**	78	70	63	73	71
3	89	90	95	**99**	94	92	92	87	74	73	71	71
4	94	**96**	95	95	95	**96**	93	92	92	89	94	89
5	97	97	96	95	96	97	**98**	87	82	75	74	**64**
6	93	92	**94**	92	93	93	93	82	73	73	74	71
7	89	91	92	94	94	96	**99**	86	75	69	66	65
8	88	93	95	97	97	97	**98**	85	77	69	64	67
9	93	93	94	96	95	95	**97**	83.5	68	65	63	62
10	84	81	82	83	86	87	85	82	83	80	76	69
11	93	89	93	94	**95**	92	92	83	72	**59**	62	67
12	91	93	**94**	92	92	92	91	88	73	67	63	73
13	88	89	88	90	91	**93**	91.5	80	68	63	63	66
14	79	85	84.5	87	85	**89**	83	78	70	64	62	65.5
15	81	82	79	79	81	84	88	88	85	77	**75**	80
16	92	95	**97**	96	96	96	93	88	79	73	65	70
17	89	89	**93**	**93**	92	92	91	82	77	68	67	67
18	90	89	87	87	89	92	**95**	84	72	72	68	68
19	91	94	96	97	97	96	**98**	92	73	73	75	**66**
20	91	**93**	91	91	92	92	91	85	75	67.5	71	60.5
21	86	87	85.5	88	89	**90**	89	80	69	69	74	72
22	83	86	**87**	85	84	82	83	80	79	75	70	**68**
23	87	90	90	90	92	**93**	91	74	62	60.5	62	54
24	88	87	90	**93**	90	91	88	80	70	60	58	56
25	89	90	**91**	90	90	**91**	88	74	72	69	68	66
26	85	89	90	90	**91**	**91**	90	84	75	67	70	70
27	76	81	84	**90**	89	88	87	75	68	61	62	68
28	86	86	90	92	90	90	**93**	80	69	69	65	68.5
29	87	91	91	89	91	**92**	88	70	63	63	**51**	52
Mean	87.8	89.1	90	90.9	91.2	**91.8**	91.4	82.2	73.7	69	68.1	67.5

VAPOR PRESSURE (mm).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	17.7	17.1	**16.8**	17.5	17.8	18.1	18	17.3	18.4	18.5	18.9	18.9
2	19.2	19.1	19.1	18.9	19.1	18.8	19	19.2	19.2	**18.7**	19.5	19.9
3	19.6	19.3	19.3	19.4	19.2	**19**	19.1	19.1	19.1	20	20.1	20.9
4	20.6	20.2	20.1	20.6	20.8	20.8	21	**21.6**	21.4	20.4	20.5	21.1
5	20	19.9	19.7	19.6	19.6	19.2	19.4	20.4	21.1	21.1	**21.7**	19
6	17.2	16.7	16.3	15.8	15.8	**15.5**	16.3	17.4	18	18.5	19.3	19.1
7	16.8	16.8	16.5	16	15.7	15.7	16.2	17.1	**17.2**	17	17.1	17
8	14.9	14.8	14.9	14.7	14.3	**14.2**	14.9	16.2	16.9	16.8	16.8	16.8
9	15.2	14.7	15.5	14.5	14.2	**14.1**	14.8	15.6	16	16.5	16.7	16.5
10	16.4	**16.3**	**16.3**	16.6	16.4	**16.3**	16.5	16.6	17	17.3	17.4	18.4
11	16.8	16.1	15.8	15.5	15.4	**15.3**	16.1	17	17.4	16.6	17.6	17.9
12	**19.5**	19.2	19.3	18.9	18.6	18.6	18.7	18.9	**19.5**	19.1	18.7	19.2
13	16.6	16.9	16.9	16.7	16.6	**16.4**	16.7	17	**17.9**	**17.9**	17.8	17.5
14	17.7	18	18	17.8	17.6	17.8	17.3	17.8	**18.4**	17.9	17.7	17.7
15	17.9	18.1	17.5	**17.3**	17.5	17.7	18.3	18.8	18.7	18.3	18.3	20
16	19	19.1	19.1	18.8	18.8	18.7	18.6	18.8	19	19.3	19.1	20
17	18.4	18.3	18.2	18	17.9	17.9	17.8	**17.7**	18.7	18.9	19.5	19.5
18	20	19.9	19.7	19.7	19.6	**19.5**	19.8	20.3	20.2	19.6	**19.5**	19.7
19	20	20	19.7	19.3	19.1	**19**	19.6	20.7	19.8	19.7	20	19.7
20	20.3	20.4	20	20.1	20.2	20.1	20.1	20.3	20.2	20	**21.1**	20.1
21	19.7	19.7	18.7	19.1	19.3	19.4	19.4	19.7	19.4	19.4	**21.4**	20.4
22	19.5	19.9	20	19.5	19	**18.7**	18.9	19.4	19.8	19.9	19.8	20.4
23	18.8	18.8	18.8	18.8	18.9	18.7	18.9	19.6	18.9	19.3	**20.2**	18.6
24	19.1	18.6	18.6	18.6	18.7	18.6	18.7	**19.4**	19.3	18.9	18.4	18.8
25	17.8	17.4	17	16.5	16.1	**15.6**	16.3	17.6	18.9	**19.4**	18.9	18.8
26	17.6	17.4	17.2	16.8	16.7	**16.6**	16.8	17.7	18.7	19	19.7	**20**
27	17.6	18	17.7	18.1	17.9	17.9	18	18.1	18.1	18.1	18.6	**19**
28	18.9	18.8	19	19.2	18.8	18.8	19.3	**19.4**	19.2	19.3	19.3	18.9
29	16.5	16.5	16.1	15.8	**15.6**	15.9	16.1	16.6	17.1	17.7	16.2	16.8
Mean	18.3	18.1	18	17.9	17.8	**17.7**	18	18.5	18.7	18.7	**19**	**19**

RELATIVE HUMIDITY (%).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
68	70	69	79	77	80	83.5	82	83	84	86	86	78.8
61	61	61	65	69	74	79	80	83	85	88	90	78.2
66	64	63	68	77	79	83	85	91	92	92	94	82.5
80	81	78	73	80	82	84	87	87	86	90	95	88.5
64	65	68	67	68	73.5	76	78	79	88	91	94	82.1
68.5	66	64	67	66	74	74.5	75	76	85	90	92	80
61	52	49	53	62	67	68	67	75	87	91	89.5	76.6
65	64	55	59	60	65	67	69	71	83.5	89	91	77.7
63	63	61	59	58	67	69	72.5	76	82	85	84	76.8
58	66	67.5	67	69	78	76	79	82	83	89	92.5	78.5
63	62.5	62	61	72	78	79	79	79	82	85	88	78.4
59	60	54	56	59	65	74	78	80	81	81	86	76.8
62	59	52	51	57	61	68	71	73	75	75	78	73
58	58	63	60	66	65	69	77	80	81.5	86	79	73.9
83	90	92	86	85	93	92	93	95	94	92	92	86.1
67	68	67	62	63	73	74	80	84	80	82	85	80.2
65	64	62	58	64	75	77.5	79.5	80	86	87	89	78.6
64	61	61	64	68	76	81	83	84	88	92	92	79.5
68	75	74.5	77	81	85	87	84	86	89	91	91	84.9
60	62.5	66	69	63	68	75	79	81	84	83	82	78
61	76	65	68	66.5	68	76	82	83	83	83	81	78
73	71	71	70	73	79	80	81	83	80	80	84	78.6
52	48.5	49	47	52	62	69	75	78	80	82	83	71.8
54	53	50	52	62	69	75	77	79	81	85.5	89	74.1
60	59	56	59	61	68	71	75	77	82	81	81	75.3
64	63	59	54	55	62	70	73	74	78	77	75	74.8
61	60	58	67	70	66	72	74	77	79	85	86	74.3
59.5	58	53	51	55	64	69	73	78	85	88	90	75.1
53	53.5	64	69	73	78	80	77	82	78	83	87	75.2
63.5	63.9	62.6	63.4	66.6	72.2	75.8	78.1	80.6	83.5	85.8	87.1	78.1

VAPOR PRESSURE (mm).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
18.7	19.5	19.3	19.8	20	20	20	19.3	19.4	19.3	19.4	19.2	18.7
19.5	19.5	18.9	19.2	19.2	19.4	20.1	19.5	19.8	19.6	19.6	19.5	19.3
20.3	20.7	20.3	20.6	21.7	20.9	21.4	21.6	21.8	21.6	21.2	21.1	20.3
21.5	21.1	20.9	20.3	20.2	20.3	20.5	20.3	20.3	19.9	19.9	20	20.6
19.1	19.3	20.2	20	19.1	18.9	18.9	18.8	18.6	18.1	17.8	17.5	19.5
18.9	19.3	19.1	19.4	18.1	18.4	18	17.8	17.6	17.6	17.3	17.3	17.7
16.4	14.2	13.8	14.9	16.2	15.9	15.8	15.4	16.4	16.1	15.7	15.4	16.1
16.8	17.2	14.9	15.8	15.3	15.2	15.5	15.6	15.7	15.6	15.5	15.3	15.6
16.9	17.7	17.6	17.1	16.2	16.9	16.9	17	17.5	17.2	17	16.5	16.2
17.5	18.9	18.8	19.4	19.4	19.2	17.8	17.4	17.2	17.1	16.9	16.8	17.4
18.1	18	18.1	18	18.5	19.3	19	18.8	18.5	18.7	19	19.3	17.5
17.8	18.9	17.5	17	16.5	16.2	17	16.9	16.7	16.7	16.9	16.7	18
17.2	17.2	16.4	16.9	17.3	16.7	17.3	17.3	17.2	17.5	17.3	17.6	17.1
17.4	17.2	17.3	18.2	18.3	17.3	17.5	18.4	18.3	18.2	18.3	17.5	17.8
19.9	19.9	20.2	20.1	20.3	20.2	20.1	20.4	20.5	20.5	20.1	19.5	19.2
20	20.2	20	19.7	19.8	20.6	19.6	20	20.1	18.8	18.5	18.4	19.3
19.5	19.9	19.1	18.1	19.7	20.7	20.5	20.4	19.5	19.9	20	20.4	19.1
19.5	20	20	19.8	20	20.6	20.5	20.4	20.3	20.6	20.6	20.4	20
20.3	21.3	21.3	21.4	21.5	21.6	21.3	20.4	20.6	20.9	20.7	20.7	20.4
19.9	20	19.7	20.2	18.4	18.7	19.7	19.7	19.9	20.2	19.9	19.6	20
19.3	20.9	19.5	20	19.4	18.6	19.6	19.8	19.7	19.7	19.4	19.2	19.6
20.5	20.6	20.3	20	19.6	20.1	19.6	19.3	19.7	19	18.9	19.1	19.6
18.8	17.6	17.7	16.4	16.5	17.7	18.5	18.9	19	19	19	18.9	18.6
18.7	18.6	17.7	17.7	18.3	18.9	19.2	18.9	18.8	18.7	18.7	18.3	18.7
17.8	18.4	18	18.6	18.4	18.7	18.4	18.5	18.4	18.5	17.6	17.7	17.9
19.2	19.2	18.6	17.5	17.5	17.5	18.1	17.8	17.6	17.7	17.6	17.8	17.9
18.5	18.7	18.5	18.6	19	17.5	17.9	18.1	18.4	18.6	18.9	19	18.3
18.4	18.4	17.6	16.9	16.9	17.4	17.3	17.4	17.6	17.7	17.5	17.3	18.3
17.9	18.4	20.7	21.4	21.6	21.1	21.1	19.7	20	19.5	19.6	19.9	18.2
18.8	19	18.7	18.7	18.7	18.8	18.9	18.8	18.8	18.7	18.6	18.5	18.5

CLOUDS—FORM AND DIRECTION.

Day.	8 a.		9 a.		10 a.		11 a.		Noon.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1	----------	Cu. E	A.-Cu.	Cu. E	A.-Cu.	Cu. ENE	A.-Cu.	Cu. E	A.-Cu.	Cu. E
2	Ci.	Cu. E	A.-Cu.	Cu. E	Ci.	Cu. E	----------	Cu. E	----------	Cu. E
3	Ci.-S.	Cu. SW	Ci.	Cu.	Ci.	Cu.	----------	Cu.	----------	Cu.
4	Ci.-S.	S.-Cu.	Ci.-S.	N.-cf. SSW	----------	N.-cf. SSW	----------	Fr.-N. SSW	----------	Cu.-N. SSW
5	----------	Cu. NW	----------	Cu. NW	----------	Cu. NW	----------	Cu.	----------	Cu.
6	----------	Cu.	----------	Cu.	----------	Cu. EbyS	----------	Cu. EbyS	----------	Cu.
7	----------	Cu.	----------	Cu.	----------	Cu. SE	----------	Cu. SE	----------	Cu.
8	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.
9	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.
10	Ci.-S.	S.-Cu. E	Ci.	Cu. E	----------	Cu.-N. E	A.-Cu.	Cu. E	----------	Cu.
11	Ci.	Cu.	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu. E
12	----------	Cu.	Ci.	Cu.	----------	Cu. E	Ci.	Cu. E	Ci.-S.	Cu.-N.
13	----------	Cu.	----------	Cu.	----------	Cu. E	----------	Cu. E	----------	N.-cf. E
14	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu. E	----------	Cu. E	Ci.	Cu. E
15	Ci.-S.	Fr.-N. E	Ci.-S.	Cu.-N. E	Ci.-S.	Cu. E	Ci.-S.	Cu.-N. E	Ci.-S.	Cu.
16	A.-Cu. E	S.-Cu.	Ci.	S.-Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.
17	Ci.-S.	Cu.	Ci.-S.	Cu. E	Ci.-S.	Cu. E	Ci.	Cu.	Ci.-S.	Cu.
18	Ci.	Cu.	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu.	Ci.	Cu. E
19	A.-Cu. NE	S.-Cu.	A.-Cu.	S.-Cu.	Ci.-S.	Cu.-N.	Ci.-S.	Cu.-N. E	Ci.-S.	Cu.
20	A.-Cu.	N.-cf. E	A.-Cu.	Cu. E	A.-Cu.	Cu. E	----------	N.-cf.	A.-Cu.	Cu.
21	Ci.-S.	Cu.	Ci.	S.-Cu. E	A.-Cu.	Cu. E	Ci.-S	Cu. E	A.-Cu.	Cu. E
22	A.-Cu.	Cu.-N. E	----------	N.-cf. E	----------	S.-Cu. EbyS	Ci.-S.	Cu. N.	Ci.-S.	Cu. E
23	A.-Cu.	Cu.	----------	Cu. E	----------	Fr.-Cu. E	----------	Cu. E	----------	Cu.
24	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu. E
25	Ci.	Cu.	Ci.	Cu.	Ci.	Cu. E	Ci.	Cu.	Ci.	Cu.
26	Ci.-S.	Cu.	Ci.-S.	Cu. E	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu. E
27	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu. E	Ci.	Cu. E
28	A.-Cu.	S.-Cu. E	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu. E
29	Ci.	Cu.	Ci.	Cu.	Ci. EbyN	Cu.	Ci.	Cu.	Ci.	Cu.

Day.	1 p.		2 p.		3 p.		4 p.		5 p.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1	----------	Cu. E	----------	Cu.-N. E	----------	Cu.-N. E	----------	Cu. E	----------	Cu. E
2	Ci.	Cu. E	A.-Cu.	Cu.	A.-Cu. SE	Cu. ESE	A.-Cu.	Cu. SE	Ci.-S.	Cu.-N. SEbyS
3	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	----------	Cu.	----------	Cu.
4	Ci.	Cu.	Ci.-S.	Cu.-N. SSW	Ci.-S.	Cu. SSW	A.-Cu.	Cu. SSW	A.-Cu.	Cu.
5	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.
6	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.
7	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.
8	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.
9	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.
10	----------	Cu. E	----------	Cu. E	Ci.	Cu. E	----------	Cu. E	----------	Cu. E
11	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu.	----------	Cu. E	A.-Cu.	Cu. E
12	----------	Cu.-N. E	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu.	Ci.	Cu.
13	A.-Cu. NE	Cu. E	A.-Cu.	Cu. E	----------	Cu. E	Ci.-S.	Cu.	----------	Cu. NE
14	----------	Cu. E	----------	Cu. E	----------	Cu. E	----------	Cu.	Ci.-S.	Cu.
15	Ci.-S.	Cu.-N.	----------	N.	----------	N. E	----------	Fr.-N. E	----------	Fr.-N.
16	Ci.	Cu.	Ci. NE	Cu.	Ci.	Cu. E	Ci.	Cu.	Ci.	Cu.
17	Ci.-S.	Cu. E	Ci.-S.	Cu. E	Ci.	Cu.	----------	Cu. E	----------	Cu.-N.
18	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu. E	Ci.-S.	Cu.	Ci.-S.	Cu. E
19	Ci.	Cu. E	A.-Cu.	Cu. E	A.-Cu.	Cu. E	----------	Cu.-N. E	A.-Cu.	Cu.-N.
20	----------	N.-cf. E	A.-Cu.	Cu.-N. E	----------	S.-Cu. E	A.-Cu.	Cu.-N. E	A.-Cu.	Cu.-N.
21	Ci.-S.	Cu. E	Ci.-S.	Cu.	Ci.-S.	Cu. E	Ci.-S.	N.-cf. E	Ci.-S.	Cu.
22	----------	N.	Ci.-S.	S.-Cu. E	Ci.-S.	S.-Cu.	Ci.-S.	S.-Cu. E	Ci.-S.	S.-Cu.
23	----------	Cu. E	----------	Cu. E	----------	Cu. E	----------	Cu.	A.-Cu.	Cu.-N. E
24	Ci.	Cu.	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu.	Ci.	Cu.
25	Ci.	Cu.	Ci.-S.	Cu.	Ci.	Cu.	Ci.-S.	Cu. E	Ci.-S.	Cu. E
26	Ci.	Cu.	Ci.	Cu.	Ci.	Cu. E	----------	Cu. E	----------	Cu.
27	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu.-N. E	----------	Cu.-N. E	----------	Cu.-N. E
28	----------	Cu.	----------	Cu. E	Ci.	Cu.	Ci.	Cu.	----------	Cu.
29	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	----------	Cu. E

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 a.		2 a.		3 a.		4 a.		5 a.		6 a.		7 a.		8 a.		9 a.		10 a.		11 a.		Noon.	
1	N	1.5	N	3	N	2.5	NE	2	NE	2	NNE	0.5	NNE	0.5	N	1	N	1.5	NNW	4	WNW	2	W	2.5
2	Calm		Calm		Calm		W	1	Calm		Calm		Calm		E	1	E	1.5	ESE	1.5	W	1.5	WSW	3.5
3	NW	1.5	N	1	Calm		Calm		N	.5	Calm		Calm		Calm		SSE	1	SSW	2	SW	2	SW	1
4	Calm		Calm		S	1.5	Calm		Calm		S	1	Calm		Calm		SE	3	SSE	3	SSE	1.5	NE	1
5	Calm		Calm		Calm		S	.5	Calm		Calm		Calm		S	1	W	2	W	2	W	3.5	W	3
6	Calm		SE	1.5	SE	1	SE	1.5	Calm		Calm		Calm		NNE	1	NE	.5	SSW	1	WSW	3.5	W	4
7	N	1	N	1	N	1	N	1	NE	1	Calm		Calm		Calm		NbyW	.5	Calm		W	1	W	1.5
8	SE	2	ESE	1.5	ENE	.5	ENE	.5	ENE	.5	Calm		Calm		Calm		NW	2.5	NW	4	WNW	3	WSW	3.5
9	NE	.5	NE	.5	NE	1.5	NE	.5	Calm		Calm		NE	1.5	NNE	.5	N	2.5	NW	2.5	WNW	4.5	W	6.5
10	NNE	1	N	1.5	NNE	2	N	2	N	2	NNE	2	NNE	1.5	NNE	4.5	NNE	3	N	3	Calm		NE	2
11	NNE	1	N	1.5	NNE	1	NE	1	NE	1.5	NNE	.5	NNE	.5	N	2.5	N	1.5	N	3.5	NNW	1	WSW	2.5
12	Calm		Calm		NNE	1	N	1.5	N	1.5	NNE	1	NNE	.5	Calm		ENE	1.5	E	1	SSW	1.5	E	3.5
13	NE	1.5	NE	1.5	NE	1	NE	1	Calm		Calm		N	1	N	.5	Calm		Calm		W	2	W	3.5
14	N	2	NNW	2	N	1.5	N	1.5	N	1.5	NNE	1.5	NNE	1.5	NNE	1	WSW	1.5	WSW	3.5	SW	3	WSW	3.5
15	WNW	.5	Calm		WNW	1	NW	1.5	NNW	1	N	1	Calm		Calm		SSE	1.5	SSW	1	S	1.5	SSW	1.5
16	N	1.5	N	1	N	1	N	.5	N	.5	NNE	.5	Calm		Calm		NbyW	.5	Calm		Calm		SW	1
17	SE	.5	SE	.5	SE	1.5	SE	1.5	NNE	1.5	Calm		Calm		NE	1	NNW	1	N	1	NwbyW	3	WNW	4
18	Calm		Calm		ENE	1	NNW	1.5	N	1	Calm		Calm		NE	1	Calm		WNW	1	WNW	1	WSW	3
19	Calm		Calm		SE	.5	SE	.5	Calm		SE	.5	SE	.5	Calm		Calm		WSW	.5	W	1	WSW	5
20	E	1.5	E	.5	Calm		Calm		Calm		EbyN	1.5	EbyN	1.5	Calm		EbyN	1.5	NNE	2	WNW	2.5	E	3.5
21	NE	1.5	NNE	1.5	N	2	N	1	Calm		N	1	Calm		N	1	N	1	SSW	2.5	WSW	2	WNW	1
22	Calm		ESE	.5	Calm		Calm		ENE	2	N	1	NE	.5	ENE	.5	ENE	2.5	Calm		ESE	1	NNE	.5
23	Calm		Calm		Calm		Calm		ESE	.5	ESE	.5	Calm		Calm		ENE	.5	ESE	1	ENE	1	SE	5
24	Calm		E	1	E	.5	E	.5	Calm		SE	1	ENE	1	ENE	1	ENE	1.5	E	2	ESE	2	ESE	1.5
25	NE	1.5	NE	1	NE	.5	Calm		NE	1.5	NNE	2	Calm		NNE	.5	NNE	1.5	WNW	.5	W	2	W	3
26	SE	.5	SE	1	SE	.5	SE	.5	SE	1.5	Calm		ESE	1.5	SE	1	Calm		ENE	2	W	3	W	1.5
27	SE	2	Calm		Calm		Calm		E	1.5	E	.5	NE	.5	ENE	.5	S	1.5	SSE	3	SW	2	WSW	4
28	NE	.5	Calm		Calm		NE	1.5	NW	1.5	NE	.5	N	.5	NNW	2.5	NNE	1.5	NW	1.5	W	4.5	W	4
29	E	1.5	Calm		Calm		NE	2.5	NE	1.5	NE	1	NE	.5	NNW	1.5	NNW	1.5	NW	3	WNW	4	NW	6
Mean		0.8		0.8		0.8		0.9		0.8		0.6		0.5		0.8		1.3		1.8		2.1		3

Day.	1 p.		2 p.		3 p.		4 p.		5 p.		6 p.		7 p.		8 p.		9 p.		10 p.		11 p.		Mid-night.		Mean.
1	WSW	3.5	WSW	1	SW	1.5	ENE	1	ENE	1	Calm		Calm		NE	1	Calm		Calm		Calm		Calm		1.3
2	SSE	3.5	SE	5	SE	4	SE	4.5	SE	1	ESE	2.5	E	0.5	E	1.5	E	1.5	E	1.5	Calm		Calm		1.5
3	SW	1	SW	2	SW	1	WSW	2.5	SW	2	SW	2	WSW	.5	WSW	2	Calm		Calm		WSW	1	Calm		1
4	NE	1.5	NW	3	WNW	3.5	WNW	.5	WSW	1	W	1.5	SSW	3	S	2.5	S	2.5	S	2	SSE	.5	Calm		1.4
5	W	2.5	W	2	WSW	1.5	WSW	1.5	SW	2	SSW	3	SSW	3	SW	2.5	SW	2	S	1	SE	1	Calm		1.4
6	W	2	W	1	WNW	1	WNW	3.5	WSW	1.5	WSW	2.5	SW	4.5	SW	4	SW	3	ESE	1.5	E	1	E	1	1.7
7	WSW	1.5	W	2.5	WSW	3	SW	2	SSW	3	SW	3	SW	5	SW	5	WSW	2	ENE	1.5	ENE	1	ENE	1.5	1.6
8	SW	2	WSW	3.5	swbyw	4.5	SW	5	SW	6.5	SW	6	SW	1.5	SW	3	SW	2.5	Calm		SE	1	SE	1.5	2.3
9	WSW	5.5	WSW	4	SW	3	SSW	3.5	SW	1.5	SSW	2	S	2	SSE	2.5	Calm		ESE	1	ENE	.5	NE	2	2
10	SE	2.5	W	5.5	WSW	3.5	SW	3	SW	1.5	SSE	1	Calm		E	1.5	E	2	E	1.5	NE	1.5	NE	1	2
11	SSW	3	S	4.5	SSW	1	SE	1.5	ESE	.5	ESE	2	Calm		ESE	2	ESE	2	E	2	ENE	1	Calm		1.6
12	ENE	5	ENE	5.5	E	6	E	2.5	E	4	ENE	5	Calm		Calm		E	1	ESE	1.5	ESE	2	NE	1.5	2
13	WNW	2	WSW	1.5	ENE	5.5	E	.5	ESE	2.5	ESE	1.5	E	2	E	2	ESE	1.5	ESE	1.5	NNE	1.5	NNW	2	1.5
14	SW	2	SW	3	WSW	1.5	WSW	1	W	1	NNE	4	NE	2	Calm		Calm		Calm		NE	.5	WNW	1.5	1.7
15	SW	1	SE	1	NW	1.5	Calm		NNW	1.5	Calm		Calm		NW	.5	NNW	.5	Calm		NNW	1	N	1	.8
16	WSW	1.5	WSW	2	W	1	WSW	2	Calm		SE	.5	Calm		ESE	1.5	ESE	1	ESE	2.5	ESE	1.5	ESE	2	.9
17	W	3	W	3	WSW	2.5	W	2	W	.5	Calm		Calm		SE	2	E	2.5	Calm		E	.5	Calm		1.3
18	WSW	2.5	SW	2	SE	2	SSE	3.5	SE	1	SE	1.5	Calm		SE	2	SE	1.5	Calm		Calm		Calm		1.1
19	W	3	W	3.5	W	3	W	2.5	NW	2	NW	1	Calm		SE	1.5	SE	.5	Calm		Calm		Calm		1.1
20	E	4.5	SE	6	E	5.5	E	1	E	7.5	E	1	E	1.5	E	1	ESE	1	E	1	Calm		ENE	1	1.9
21	E	2.5	SE	2.5	SE	1.5	NNE	1.5	N	1	E	1	Calm		ENE	1	ENE	1	Calm		Calm		Calm		1.1
22	ESE	2	ESE	1	ESE	.5	ESE	.5	ESE	1	E	.5	ESE	2	E	1.5	ESE	1.5	ESE	1.5	ESE	1	ESE	1	1
23	ESE	2.5	SE	4.5	SE	7	SE	6	SE	5.5	ESE	4	ESE	2.5	ESE	1.5	ESE	1.5	ESE	2	ESE	2	ESE	1.5	2
24	ESE	4	SE	4	SE	3	SE	5.5	SE	3	SE	2	ESE	2.5	ESE	2.5	SE	2.5	SE	1.5	SE	1	ENE	1.5	1.9
25	W	4	WSW	4	WSW	1.5	SW	1.5	SSE	1.5	ESE	4	SE	3	SE	3	SE	2.5	SE	1	SE	2	SE	1.5	1.8
26	WSW	5	WSW	3.5	WSW	2.5	SE	1.5	SE	3	SE	2.5	ESE	2	E	2	E	2	E	2	SE	1.5	SE	1.5	1.8
27	SW	4	SW	2	SSE	3	NE	2	Calm		NE	3	E	2	E	2	SE	2	E	2	Calm		E	.5	1.6
28	W	4	WSW	3	WSW	2.5	SE	7	SE	3	SE	2	ESE	1	SE	2.5	ESE	2	Calm		SE	.5	Calm		1.9
29	WNW	5	W	6	SSW	2.5	SSW	1.5	SSW	2	SW	2.5	SSW	2	S	1	Calm		NNW	3	NNW	3	Calm		2.1
Mean		3		3.2		2.8		2.4		2.1		2.1		1.5		1.9		1.4		1.1		1		0.8	1.6

WIND—VELOCITY IN KILOMETERS PER HOUR.

Day.	Mdt.-1 a.	1-2 a.	2-3 a.	3-4 a.	4-5 a.	5-6 a.	6-7 a.	7-8 a.	8-9 a.	9-10 a.	10-11 a.	11-Noon.
1	6.5	8.5	9	7.5	9	3	0.5	9	9	4	14	**15.5**
2	1.5	1	.5	4.5	.5	.5	1.5	3	6	4.5	11.5	14
3	4	4	3	.5	3	5.5	3.5	2	4.5	7	10	10.5
4	2.5	3	2.5	4	1.5	1.5	3	4.5	7	11.5	11	5.5
5	2.5	3.5	3	3.5	2	1.5	3.5	2.5	4	7	15	10
6	2	4	4.5	4.5	3.5	3.5	3	6	4	6	11	13
7	4	3.5	4	4	3	2.5	1.5	2	4	4.5	5.5	13
8	5	3	5	4	3.5	2.5	2	2	8	10	14	13.5
9	5	2	3.5	3.5	2	3	4.5	7	7.5	10.5	18.5	**20**
10	7.5	6	4	5.5	6	3.5	4	8	**20**	15	2.5	6
11	4.5	6.5	4.5	4	5.5	4.5	3.5	8.5	8.5	7	6	13.5
12	1	1.5	3	7	5	7.5	5	6.5	4	7	7.5	9.5
13	4.5	4.5	2.5	.5	.5	0	.5	1.5	0	2	13	**17**
14	6.5	2.5	3	2	1.5	6.5	3.5	5	2.5	7	13	**15**
15	.5	1	1.5	4.5	1.5	1.5	1	.5	1	4	6	6.5
16	3.5	2	.5	0	0	1.5	1.5	1	.5	2	.5	11
17	3	3	3	4	6	4	6	6	7	4	13	14
18	1	1	2	6.5	2	0	.5	1.5	.5	6	10	**11.5**
19	2.5	2.5	1.5	2.5	3.5	2	1.5	.5	1.5	5.5	13	13.5
20	3	0	2	1	1	2	.5	1.5	2	1	10	12.5
21	7	5.5	6.5	1.5	.5	2.5	1	0	.5	2.5	5.5	6
22	1	.5	.5	1	4	4	1	2	3	1	1.5	3.5
23	3	1.5	2.5	1	2	2	1.5	2	3	7	9.5	16.5
24	4	4	3	3	4	2.5	5	4	4	5	11	9
25	5	4	2	2.5	5	3.5	2	1	6	2	13.5	13.5
26	3	3.5	3	3.5	3.5	4	4.5	2.5	4	4	10	12.5
27	6.5	2	3	4	4.5	5	4	2.5	4	10	13	16
28	1.5	0	.5	1	3.5	3.5	1.5	7	1	1.5	14	16
29	4.5	3	3	4	5	5.5	4.5	3.5	3	8.5	17	20
Mean	3.7	3	3	3.3	3.2	3.1	**2.6**	3.6	4.5	5.8	10.3	12.3

AMOUNT OF CLOUDS (0–10).

Day.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	Mean.	Sunshine.
														h. *m.*
1	2	6	4	6	8	9	10	10	10	10	10	10	7.9	2 10
2	8	6	6	5	8	10	8	6	5	6	10	10	7.3	6 35
3	10	10	2	2	2	3	2	3	4	3	3	5	4.1	8 40
4	10	10	10	10	10	10	9	10	9	6	7	10	9.2	2 15
5	3	4	5	3	2	2	2	2	1	1	2	1	2.3	9 30
6	3	1	2	3	2	2	0	0	0	0	0	0	1.1	9 35
7	4	0	0	1	1	0	0	0	0	0	1	1	.7	9 05
8	2	1	0	1	1	1	0	0	0	0	0	0	**.5**	9 45
9	2	0	0	0	0	0	0	0	0	1	0	9	1	9 30
10	8	10	10	10	10	3	8	6	6	4	3	3	6.8	5 30
11	3	4	5	6	5	6	6	6	5	9	6	9	5.8	7 10
12	10	6	3	6	8	9	8	6	7	5	3	6	6.4	5 25
13	3	3	3	3	4	8	7	8	5	5	7	8	5.3	8 10
14	6	9	6	5	6	8	7	4	6	4	7	10	6.5	5 15
15	10	10	10	10	9	10	10	10	10	10	10	10	**9.9**	0 35
16	10	9	8	8	6	7	7	6	5	3	6	6	6.8	7 50
17	10	9	9	8	8	10	7	7	6	6	6	6	7.7	6 30
18	2	3	3	6	7	8	9	8	8	10	10	10	7	5 55
19	8	9	8	10	10	8	8	7	9	10	9	10	8.8	2 50
20	9	9	7	6	9	8	9	9	10	10	5	9	8.3	0 15
21	10	10	10	10	10	9	10	10	10	10	10	10	**9.9**	**0 00**
22	10	9	8	10	10	10	10	9	9	9	9	10	9.4	**0 00**
23	5	3	2	4	3	4	6	4	3	3	7	9	4.4	9 45
24	10	7	8	9	7	9	7	5	5	5	5	5	6.8	7 50
25	2	3	4	3	4	5	9	9	9	9	9	10	6.3	7 00
26	9	9	9	10	9	8	5	4	4	3	3	6	6.6	7 25
27	8	4	2	2	3	4	6	8	9	10	10	10	6.3	7 05
28	5	8	5	7	7	6	2	2	2	1	1	2	4	9 10
29	4	6	6	9	9	8	5	5	3	2	2	7	5.5	**9 55**
Total														180 40
Mean	6.4	6.1	**5.3**	6	6.1	6.4	6.1	5.7	5.5	**5.3**	5.6	**7**	6	6 14

WIND—VELOCITY IN KILOMETERS PER HOUR.

Noon–1 p.	1–2 p.	2–3 p.	3–4 p.	4–5 p.	5–6 p.	6–7 p.	7–8 p.	8–9 p.	9–10 p.	10–11 p.	11–mdt.	Mean.
12.5	8	5.5	9	5	3	0.5	2	1.5	0.5	0.5	2	6.1
10	**19**	18	14	15	10	7	6	5	6	6.5	3.5	7
11.5	9	8	14	13	16	**17**	10	1	2	2.5	4	6.9
7.5	8	12.5	7.5	7	1.5	3.5	**13**	8.5	9.5	4	2	5.9
12	11	12	14	**21**	18	16	12.5	12.5	4	4	3	8.2
15	12	11	12	13	18	**21**	17	14	5.5	5	3	8.8
13	14	11	14	17	17	**25**	19	11	8	5	6	8.8
11	14	13	18	22	**25.5**	18.5	17	12	5.5	4.5	5	**9.9**
20	18	19	15	11.5	12	8	8	4.5	4.5	3.5	6.5	9.1
10.5	13.5	14.5	12	9	1.5	3.5	5	6	5.5	4	4	7.4
15.5	14	10	9	8.5	7	4.5	7.5	8.5	8	5.5	3	7.4
19	18	**20**	19	**20**	14.5	3.5	0	1	4	5	4.5	8
13	11	8.5	9.5	**9**	12	11	7	7	7	5.5	2.5	6.2
10	11	8	7.5	7.5	8	12	4.5	0	.5	1	2.5	5.9
6.5	**8.5**	5.5	5	4	3	2.5	1.5	0	0	0	2.5	**2.9**
12	11	**12**	9	6.5	2.5	8	6	4.5	8.5	7	6	4.9
16	14	13	10	7.5	**3**	**5**	8	9.5	3	2	1	6.9
10.5	8	10	10	11	8	7	7	7	3	.5	0	5.2
13	**16.5**	14	9.5	4	3	1.5	2	1	0	0	0	4.8
12.5	**19**	16	14	17	12	7.5	3	3.5	1.5	1	1.5	6
11	**11**	10	9	7	6	4	1	3	0	0	1	4.2
11	7	4	7	**12**	7.5	7.5	6	6	5.5	7	3	4.4
18	19	**20**	**20**	19	14	10.5	8	5.5	7	6.5	5.5	8.5
13	14	**17**	16	**17**	**17**	11	10.5	9.5	8	4	6	8.4
14	11.5	11	9	8.5	12	12	13	10	6	5	7.5	7.5
14.5	11.5	10.5	11.5	13.5	11	8	7	7	7.5	7.5	6.5	7.2
13.5	12	12.5	**16.5**	2.5	10	8	4.5	6	7	4	1	7.2
14	17	12	16.5	**18.5**	15	8	7	7	1.5	.5	1.5	7.1
23	22.5	17.5	16	15	11.5	11	6.5	4.5	5	10.5	9	9.7
13.2	**13.2**	12.3	12.2	11.8	10.3	9.1	7.6	6.1	4.6	3.9	3.6	6.9

FREQUENCY OF THE WIND.

Day.	N.	NNE.	NE.	ENE.	E.	ESE.	SE.	SSE.	S.	SSW.	SW.	WSW.	W.	WNW.	NW.	NNW.	Calm.	Total wind velocity.	Atmidometer.	Rainfall.
																		Kms.	*mm.*	*mm.*
1	5	2	3	2							1	2	1	1		1	6	145.5	2.8	
2					7	2	4	1				1	2				7	169	3.6	
3	2							1		1	7	4			1		8	165.5	3.2	
4			2				1	3	5	1		1	1	2	1		7	142	1	2.3
5							1		3	2	3	2	6				7	198	3.1	
6		1	1		2	1	3			1	3	3	3	2			4	211.5	3.4	
7	5		1	3						1	4	3	3				4	211.5	3.9	
8				3		1	3				7	3		1	2		4	238.5	4	
9	1	1	6	1		1		1	1	2	2	2	1	1	1		3	217.5	4.7	
10	4	6	3		3		1	1			2	1	1				2	177	3.1	
11	4	4	2	1	1	4	1		1	2		1				1	2	177.5	4	
12	2	3	1	4	6	2				1							5	193	4.2	
13	2	1	4	1	3	4						1	2	1		1	4	149.5	5.3	
14	4	4	2								3	5	1	1		1	3	140.5	4.2	
15	2						1	1	1	2	1			2	3	4	7	68.5	.7	20.7
16	6	1				5	1				1	3	1				6	117	3.5	
17	1	1	1		2		5					1	4	1	1	1	6	165	4.1	
18	1		1	1			5	1			1	2		2		1	9	124.5	3.6	
19							6					2	5		2		9	114.5	2.9	.3
20		1		1	14	1	1							1			5	145	3.9	
21	6	2	1	2	2		2			1		1		1			6	102	3.3	
22	1	1	1	3	2	12											4	106.5	3	
23				2		11	5										6	204.5	6.3	
24				4	4	5	9										2	201.5	5.1	
25		3	4				6	2			1	2	3	1			2	179.5	4.3	
26				1	3	2	11					3	2				2	174	4.9	
27			3	1	6		2	2	1		2	2					5	172	4.6	
28	1	1	3			2	5					2	3		2	1	4	169.5	5.4	
29			4		1				1	4	1		1	2	2	4	4	233.5	5	.3
Total	47	32	43	30	56	53	73	13	13	18	39	47	40	19	15	15	143	4,814	111.1	23.6
Mean	1.6	1.1	1.5	1	1.9	1.8	2.5	0.4	0.4	0.6	1.3	1.6	1.4	0.7	0.5	0.5	4.9	166	3.8	0.8

EXTREME VALUES.

Day.	Maxima.						Minima.					
	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.
	mm.		°C.		*Per cent.*	*mm.*	*mm.*		°C.		*Per cent.*	*mm.*
1	**758.75**	9.30a.	29	2.40p.	91	20	755.90	3.25p.	21.9	6.30a.	67	16.8
2	59	9.25a.	31.2	2.35p.	93	20.1	**55.70**	3.40p.	21.8	6.25a.	61	18.7
3	59.10	9.15a.	31.9	1.55p.	**99**	**21.8**	55.80	3.20p.	21.9	4.00a.	63	19
4	59.55	10.05a.	28.5	3.55p.	96	21.6	56.15	3.55p.	22.9	1.55a.	73	**19.9**
5	59.55	9.10a.	30.4	3.10p.	98	21.7	56.80	3.20p.	20.9	11.55p.	64	17.5
6	60.75	9.55a.	30.2	3.10p.	94	19.4	56.65	3.45p.	18.7	6.25a.	64	15.5
7	59.15	9.30a.	29.4	3.05p.	**99**	**17.2**	56.15	3.40p.	18.3	6.40a.	49	**13.8**
8	59.40	midnight.	28.5	3.15p.	98	**17.2**	56.45	3.30a.	**16.9**	6.30a.	55	14.2
9	61.25	9.35a.	29.9	3.45p.	97	17.7	58.10	3.15p.	17.1	6.20a.	58	14.1
10	62.80	9.15a.	30.5	0.50p.	92.5	19.4	59.35	3.45p.	20.1	11.50p.	58	16.3
11	62.50	9.20a.	30.4	3.40p.	95	19.3	59.40	3.30p.	18.6	4.55a.	59	15.3
12	62.35	9.40a.	31.4	2.20p.	94	19.5	59.50	2.50p.	21.8	11.55p.	54	16.2
13	62.50	8.50a.	31.5	4.15p.	93	17.9	58.99	4.00p.	20	6.15a.	51	16.4
14	**62.87**	9.00a.	30.4	0.45p.	89	18.4	59.05	3.45p.	22	6.15a.	58	17.2
15	62.25	9.30a.	**27.6**	0.10p.	95	20.5	58.94	4.00p.	22.8	6.40a.	**75**	17.3
16	62.10	9.15a.	31.2	3.55p.	97	20.6	58.32	4.00p.	21.6	6.15a.	62	18.4
17	61.60	9.30a.	30.9	4.05p.	93	20.7	57.63	4.00p.	21.6	4.15a.	58	17.7
18	60.15	9.00a.	32.2	2.40p.	95	20.6	56.85	3.15p.	22.8	6.30a.	61	19.5
19	59.36	10.00a.	29.9	0.20p.	98	21.6	56.45	2.45p.	21.8	5.40a.	66	19
20	59	11.55p.	31.5	0.55p.	93	21.1	56	3.15p.	23.5	6.20a.	60	18.4
21	59.10	9.45a.	30.6	1.05p.	90	21.4	56	3.30p.	23.4	5.40a.	61	18.6
22	59.38	10.00a.	30	11.50a.	**87**	20.6	56.30	3.30p.	**23.8**	5.10a.	68	18.7
23	59.23	10.00a.	**33.2**	1.25p.	93	20.2	55.95	3.30p.	22	5.40a.	**47**	16.4
24	59.30	9.35a.	32.8	0.45p.	93	19.4	56.45	3.30p.	22	4.05a.	50	17.7
25	60.35	9.30a.	31.4	3.35p.	91	19.4	56.80	3.25p.	19.7	6.00a.	56	15.6
26	60.50	10.00a.	31.9	3.50p.	91	20	56.40	3.50p.	20.2	6.30a.	54	16.6
27	60.05	9.15a.	31.3	2.45p.	90	19	56.30	3.10p.	21.9	4.40a.	58	17.5
28	60.45	9.05a.	32.7	3.15p.	93	19.4	56.50	3.15p.	21.2	11.55p.	51	16.9
29	61.02	9.00a.	32.2	0.55p.	92	21.6	57.35	3.15p.	19.5	5.15a.	51	15.6
Mean	760.46	-------	30.8	-------	93.8	19.9	757.11	-------	21.1	-------	59	17.1

DAILY GENERAL REMARKS.

1____Overcast.
2____Convergence of Ci. toward S in the afternoon.
3____Convergence of Ci. toward ESE in the evening.
4____d, ● in the morning.
5____Fair weather.
6____Do.
7____Coloration of upper clouds at sunset.
8____Fair weather.
9____Do.
10____d°, ≡° in the morning.
11____Cloudy weather.
12____Do.
13____Do.
14____d° in the evening.
15____d° in the morning; ● in the afternoon.
16____Cloudy weather.
17____Coloration of upper clouds at sunrise; ⊕ in the morning.
18____Cloudy weather.
19____♎ early in the morning; ⊕ at noon; d, ◹° NW quadrant in the afternoon.
20____d° in the afternoon.
21____Overcast.
22____d° in the morning and afternoon.
23____Somewhat gusty SE winds in the afternoon.
24____As yesterday.
25____Slight convergence of Ci. toward N in the morning.
26____♎° early in the morning; coloration of upper clouds at sunset.
27____♎° early in the morning.
28____Slight convergence of Ci. toward SE in the evening.
29____♎° early in the morning.

OBSERVATIONS FOR MARCH, 1916.

ATMOSPHERIC PRESSURE, 700mm+.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	59.45	59.05	59.10	59.30	59.65	60.09	60.90	61.09	61.44	**61.48**	60.94	60.34
2	60.15	59.70	59.40	59.20	59.35	59.85	60.45	61.15	**61.62**	61.60	61.22	60.74
3	60.50	59.95	59.90	59.80	59.90	60.27	60.79	61.34	**61.60**	61.54	61.44	60.67
4	61.25	61	60.80	60.85	60.95	61.33	61.79	62.19	**62.37**	62.24	61.89	61.22
5	60.65	60	59.70	59.70	59.90	60.59	60.88	61.30	61.53	**61.58**	61.07	60.53
6	59.55	59.05	58.75	58.90	59	59.41	59.81	60.21	60.64	**60.75**	60.19	59.48
7	58	57.40	57.30	57.30	57.45	58.16	58.70	59.24	**59.53**	59.50	59.05	58.50
8	58.10	57.65	57.40	57.55	58.15	58.66	59.30	59.80	**60.37**	60.27	59.64	58.92
9	59.30	58.95	59	59.10	59.15	59.66	60.33	60.85	**61.37**	61.30	61.02	60.16
10	59.30	59	58.90	58.85	59.10	59.51	60.12	60.40	**60.53**	60.48	59.90	59.19
11	58.75	58.50	58.30	58.20	58.55	59.09	59.74	60.11	**60.48**	60.42	60.02	59.27
12	59.30	59.10	58.85	58.95	59.35	60.20	60.60	61.25	61.44	**61.47**	60.96	60.04
13	60.10	59.80	59.50	59.45	59.85	60.48	61.18	61.69	61.73	**61.88**	61.49	61.09
14	**60.65**	60	59.60	59.55	59.50	59.84	59.99	60.34	60.64	60.48	59.97	59.16
15	59.80	59.40	59	58.90	59.05	59.11	59.46	59.63	59.74	59.23	58.67	58.02
16	59.75	59.05	58.70	58.80	58.90	59.50	60.20	60.60	**60.85**	60.77	60.27	59.51
17	60	59.70	59.25	59.30	59.65	60.44	60.89	61.37	**61.72**	61.57	61.03	60.32
18	60.30	60.10	59.80	59.75	59.95	60.10	60.65	60.80	61.02	60.94	60.49	60.02
19	60.70	60	59.65	59.55	59.80	60.15	60.72	61.09	**61.13**	60.78	60.57	59.82
20	58.85	58.55	58.45	58.60	59.35	59.66	60.06	60.43	60.64	**60.79**	60.43	59.79
21	58.85	58.85	58.65	58.75	59.20	59.74	60.22	60.64	60.78	**60.81**	60.41	59.87
22	60.50	60.20	60.15	60.05	60.30	60.88	61.28	**61.84**	61.79	61.78	61.36	60.82
23	61.15	60.65	60.30	60.25	60.65	61.09	61.67	62.24	62.40	62.21	61.86	61.36
24	62.40	62.10	61.95	61.95	62	62.33	63.05	63.29	**63.53**	63.37	63.23	62.59
25	62.45	62.05	62.10	62.20	62.30	62.52	62.97	63.42	**63.45**	63.40	62.92	61.96
26	61.85	61.60	61.50	61.55	61.80	62.26	63.01	63.19	**63.32**	63.05	62.64	61.92
27	60.75	60.80	60.60	60.60	61.20	61.52	61.92	62.38	**62.49**	62.29	61.96	61.42
28	61.40	60.90	60.60	60.65	60.90	61.24	61.68	62.16	**62.29**	62.03	61.68	61.06
29	60.05	59.85	59.55	59.55	59.55	59.99	60.26	**60.78**	60.77	60.47	59.99	59.16
30	59.45	59.30	59.20	59.10	59.50	59.89	60.14	**60.60**	60.55	60.08	59.73	59.07
31	58.55	58.30	58	58.30	58.65	58.90	59.30	59.79	**59.94**	59.72	59.37	58.57
Mean	60.06	59.70	59.48	59.50	59.76	60.21	60.71	61.14	**61.35**	61.23	60.82	60.15

TEMPERATURE (°C.).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	24.6	24.6	24	**22.9**	23	23	23.2	24	25	26.7	28.7	30.1
2	22.6	21.9	**21.8**	22.2	22.6	23	23.7	24.5	25.1	27.7	29	26.8
3	22.9	22.4	21	20.9	20.6	**20.2**	22	23.7	25.9	26.8	26.6	30
4	22	21.2	**20.9**	21.2	21.4	21.2	22.2	24.6	27	28.9	29.2	29.6
5	24.4	23.8	23.1	22.8	22.3	**22**	23.4	25.7	27.6	27.3	28.5	29.3
6	24	23.9	**23.3**	23.6	23.9	23.7	24.5	25.9	26.8	27.5	28.5	28.2
7	23.8	23.3	22.5	21.9	21.5	**21.3**	22.7	25.9	27.2	27.3	28.1	29
8	24.3	23.5	23.6	23.1	22.8	**22.3**	23.4	26.8	28.8	28.1	29.2	30
9	25.5	24.3	23.8	23.5	22.7	**22**	23	26.2	27.3	27.5	29	30.3
10	22.9	22.6	22.9	22.1	21.4	**21.3**	22.4	26	27.4	28.2	28.2	29.2
11	24.2	24.1	24.1	**23.5**	**23.5**	23.7	24.1	26	27.7	28.4	27.9	29.3
12	24.5	23.2	21.9	21.3	20.7	**20.4**	22.4	25.7	28	28.4	29.8	30.2
13	24.7	24.6	24.1	23.5	22.7	**22.1**	24.3	26.6	28.5	28.8	29	29.6
14	23.8	23	22.8	22.1	21.6	**21.5**	23.9	26.8	28.1	27.6	29.7	30.6
15	24.1	23.7	22.9	22.2	22	**21.5**	23.5	26.1	28.8	29	29.1	30.3
16	22.7	22.7	21.8	21.2	20.8	**20.7**	22.5	26.9	28.6	30.1	**31.5**	29.7
17	22.8	22.2	22.3	22.1	21.5	**21.1**	23	26.4	29.1	29.2	29.5	29.6
18	23.9	23.1	**22.3**	22.6	22.9	22.5	23	25.7	27	28	28.1	**29.2**
19	23.9	23.8	23.4	23	22.9	**22.5**	24.1	26.7	29.1	30.2	30.4	31.8
20	24.3	24.1	23	22.5	**22.1**	**22.1**	23.1	25.9	28.8	27.6	28.7	29.4
21	25	23.9	23.1	22.6	22.2	**22**	24.3	26.7	29.1	27.9	28.5	30.4
22	23.4	22.3	21.6	21.5	20.9	**20.6**	22.3	25.7	27.9	29	29.5	30.2
23	22.9	23.2	22.2	21.7	**21.3**	**21.3**	23.8	26.9	29.6	30	29.7	30.2
24	22.9	22.9	22.9	**22.8**	**22.8**	23	23.4	24.8	27.4	28	28.1	28.8
25	23.2	22.9	22.8	22.3	22.4	**22.1**	23.4	26.3	27.9	27.6	29	**29.1**
26	23.9	22.7	22.4	21.8	21.4	**21.1**	22.2	27	28.8	29.2	29.3	29
27	24.2	23.6	22.9	**22.7**	22.8	23.2	23.9	26.7	29.2	28.1	30	29.4
28	22	21.7	21.2	20.9	**20.8**	20.9	22.4	25.3	28	29.5	30	29.8
29	24.5	23.5	23	22.4	22	**21.7**	24.1	27.4	29.7	29.7	29.1	29.7
30	24	22.8	21.7	21.3	20.8	**20.6**	22.9	26.4	29.3	30.8	29.8	30.8
31	24.2	23.5	23.3	23.3	23	**22.7**	24.7	27.1	28.8	29.4	30	30.4
Mean	23.7	23.2	22.7	22.3	22	**21.8**	23.3	26	28	28.5	29.1	29.7

ATMOSPHERIC PRESSURE, 700mm+.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
59.52	59.07	58.57	**58.32**	58.60	58.93	59.50	59.90	60.45	60.60	60.75	60.70	59.91
59.75	59.04	58.43	**58.29**	58.80	59.06	59.66	60.25	60.80	61.05	61.25	61.05	60.08
59.84	59.03	**58.67**	58.78	59.05	59.53	60.07	60.70	61.20	61.55	**61.60**	61.40	60.38
60.62	59.77	58.93	**58.69**	58.75	59.18	59.67	60.15	60.80	61.10	61.60	61.35	60.77
59.69	59.17	58.54	**58.16**	58.17	58.52	59.20	59.65	59.95	60	60.10	59.95	59.94
58.62	57.86	57.19	**57.13**	**57.13**	57.54	58.11	58.60	59.05	59.10	59.05	58.75	58.91
57.71	56.87	**56.09**	56.23	56.38	56.63	57.25	57.65	58.30	58.60	58.75	58.60	**57.88**
58.08	57.52	56.96	**56.79**	56.82	57.01	57.83	58.60	59.10	59.50	59.65	59.65	58.47
59.28	58.12	57.71	**57.57**	57.90	58.43	58.76	59.10	59.50	59.65	59.90	59.70	59.41
58.62	57.92	57.26	**56.97**	57	57.47	57.90	58.40	58.90	59.20	59.35	59.15	58.89
58.59	57.79	56.97	**56.96**	57.12	57.69	58.08	58.90	59.30	59.75	60.05	59.80	58.85
59.39	58.29	58.01	**57.82**	57.98	58.29	58.80	59.30	59.85	60.40	60.60	60.55	59.62
59.76	59.23	58.57	**58.30**	58.50	58.82	59.40	60	60.60	60.90	61.05	60.90	60.18
58.59	57.82	57.32	**57.12**	57.56	57.93	58.61	59.45	60.05	60.20	60.50	60.35	59.38
57.38	56.67	**56.22**	56.66	57.40	58.09	58.59	59.15	59.65	59.90	**60.25**	60.20	58.76
58.84	58.11	57.63	**57.45**	57.60	58.28	59.16	59.75	60.40	60.45	60.45	60.35	59.39
59.48	58.59	58.14	**58.13**	58.40	58.76	59.54	60.15	60.75	61.05	61	60.75	60
59.32	59.05	**58.58**	58.74	58.86	59.03	59.51	60.10	60.80	61.20	**61.25**	61.05	60.06
58.81	58.06	57.56	**57.42**	57.57	57.94	58.45	58.95	59.30	59.55	59.50	59.20	59.43
58.81	57.97	57.35	**57.27**	57.55	57.89	58.08	58.55	58.95	59.40	59.40	59.15	59
59.17	58.40	58.09	**57.99**	58.20	58.60	59.14	59.70	60.35	60.70	60.65	60.45	59.51
60.10	59.38	58.50	**58.39**	58.65	59.16	59.67	60.25	60.90	61.35	61.55	61.40	60.43
60.47	59.75	59.29	**59.16**	60.35	60.07	60.67	61.05	61.90	62.20	**62.85**	62.75	61.10
61.76	61.25	60.88	**60.78**	60.95	61.46	62.02	62.30	62.85	62.95	62.75	62.70	**62.27**
61.21	60.63	60.31	**60.18**	60.35	60.67	60.95	61.60	62	62.20	62.35	62.15	61.93
61.19	60.46	59.81	**59.49**	59.55	59.91	60.10	60.50	60.90	61.15	60.95	60.90	61.36
60.71	60.12	**59.47**	59.72	59.85	60.41	60.80	61.40	61.75	62.05	62.05	61.80	61.17
59.91	59.03	58.45	**58.29**	58.34	58.75	59.06	59.60	60.30	61	60.80	60.50	60.44
58.29	57.42	**57.05**	**57.05**	57.34	57.96	58.69	59.20	59.70	59.90	59.90	59.60	59.25
58.10	57.45	57.01	**56.96**	57.10	57.51	58.03	58.45	58.80	59	58.95	58.80	58.87
57.69	57.05	56.39	**56.10**	56.27	56.67	57.32	57.85	58.15	58.55	58.95	58.75	58.21
59.33	58.61	58.06	**57.96**	58.20	58.59	59.12	59.65	60.17	60.46	60.57	60.40	59.80

TEMPERATURE (°C.).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
30.3	**30.8**	30.1	29.8	28.5	26.2	25.4	25.2	24.7	24.2	24.1	23.5	25.9
29.5	29.4	**29.5**	27.8	26.5	24.8	24.1	23.9	23.8	23.4	23.3	22.8	25
29	**30.1**	29.7	29.2	27.6	26.5	25.1	24.1	23.1	23.5	23.5	22.9	24.9
29.8	29.9	**30.9**	30.2	30.5	28.2	27	26.1	25.8	25.1	24.7	24	25.9
29.9	28.8	27	29.3	28	27.6	26.3	25.7	25.1	24.8	24.1	23.7	25.9
28.8	30.2	**30.9**	30.4	29.6	28.1	26.4	25.5	25	24.6	24.1	23.9	26.3
30.5	30.5	**31.2**	30	29.7	27.5	27.1	26.6	25.9	25.6	25.5	24.9	26.2
30.3	30.8	**30.9**	30.6	29.5	27.7	27.2	26.9	26.7	26.6	26.1	25.8	26.9
31.1	31.3	**32.1**	31.6	30	28.3	26.7	25.7	25	24.9	24.4	23.8	26.7
29.9	30.6	31	**31.8**	31.2	28.8	27.4	26.9	26.6	25.8	25.1	24.9	26.4
30	29.5	**31.8**	31.7	30.7	28.3	26.9	26.2	25.9	25.1	24.9	24.8	26.8
30.4	**32.5**	31.8	32.1	30.7	28.6	27.1	26.4	26.1	25.7	25.1	24.6	26.6
31.2	30.2	**32.8**	32	31.5	29.5	27.6	26.7	26.2	25.8	25.3	24.9	27.2
31.6	30.7	30.5	30.7	30.7	29.3	27.6	27	26.1	25.7	25.5	25.1	26.8
30.9	**32.7**	31.8	30.7	30.1	28.6	27.1	26.2	26	25.5	25	23.8	26.7
29.7	29.1	30	31.1	31	28.6	27.3	25.8	25.3	24.7	24	23.3	26.2
30.6	29.8	**31.5**	30.5	29.7	27.7	26.7	26.1	25.8	25.3	25	24.9	26.4
28.3	25.5	25.1	25.2	24.2	24.4	24.2	24.3	24.2	23.9	24	24.1	**24.8**
31	**32.5**	**32.5**	31.1	29.9	28.1	26.8	25.9	25.6	25.3	25.1	24.6	27.1
31.3	32.3	**32.4**	31.8	30.4	28.4	27.4	26.9	26.4	26.1	25.5	25.1	26.9
31.9	**32.7**	32.4	32	30.8	29.2	27.8	27	26.2	25.8	25.2	25	27.2
31.4	32.3	33.2	**33.4**	31.9	29.3	27.7	26.5	25.8	24.9	23.6	23.2	26.6
31.2	32.4	**33.3**	31.4	30.1	28	27	26.1	25.4	26.1	24.6	23.3	26.7
29.6	28.7	29.1	**30.1**	27.6	26.8	25.6	25.3	25.3	24.9	24.8	24.1	25.8
27.4	28.5	27.4	29	27.6	27.1	26	25.2	24.7	24.5	24.2	24.1	25.6
29.7	30.5	30.5	**30.7**	29.5	27.7	26.9	25.9	25.4	25.2	24.7	24.1	26.2
29.7	**31.1**	**31.1**	29	28.7	27.8	26.7	26.2	25.6	24.6	24.2	23	26.4
30.9	31.5	31.5	**32.2**	30.8	28.9	28	27.1	26.8	26.4	25	24.3	26.5
31.2	**33**	32.5	31.2	30.6	28.6	26.9	25.8	24.9	24.9	24.6	24.6	26.9
32.4	32.7	**32.9**	32.8	31.4	29	27.8	26.8	25.8	25.3	25.3	24.8	27
31.2	32	32.5	**33**	31.7	29.5	28	27.2	26.9	26.4	25.6	24.6	**27.5**
30.3	30.7	**31**	30.7	29.7	28	26.8	26	25.6	25.2	24.7	24.2	26.4

RELATIVE HUMIDITY (%).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	86	85	89	95	**96**	**96**	**96**	94	85	74	73	57.5
2	82	**87**	**87**	86	83	83	77	71	71	58	58	65
3	78	80	86	86	87	**90**	83	77	69	64	67	51
4	88	**91**	90	87	85	86	85	74	65	61.5	58.5	58
5	86	88	92	92	**95**	**95**	86	74	69	71	64	61
6	86	87	90	**90.5**	88	89	82	76	71.5	69	67	68
7	84	85	89	91	93	**94**	88	77	72	70	67	64
8	91	94	92	92	94	**96**	91	82	72	69	65	**60**
9	78	84	84	86	89	**94**	90	79	75.5	73	69	61
10	87	87	84	89	**92**	91	85	72.5	69	69	67	64
11	90	91	90	**93**	**93**	92	90	78	73	70	71	67
12	69	78	84	85	88	**90**	81	71	65	64	59	57
13	79	79	81	83	87	**91**	81	71	65	64	64	63
14	84	86	87	88	**90**	89	80	71.5	70	74	63	60
15	85	84	86	89	90	**91**	82	76	64.5	62	64	59
16	85	83	87	91	**91.5**	91	84	71	61	56	54	62
17	87	88	88	88	90	**93**	85	73	59	62	62	60
18	82	87	91	89	89.5	90	89	78	70	69	67	**66**
19	88	83	85	88	89.5	**91**	85	72	63	58	61	54
20	82	82	90	91	**93**	**93**	87	76	67	73	68	64
21	83	87	89	92	93	**94**	81	74	63	73	68	64
22	83	89	**94**	90	**94**	93.5	87	77	71	67	64	62
23	85	82	88	90	**92**	91	80	71	61	60	63	60.5
24	95	96	96	**97**	**97**	96	95	88	74	72	69	69
25	87	88	88	**92**	90	**92**	87	73	64	66.5	61	62
26	79	85	85	88	90	**93**	89	67.5	61	60	60	62
27	82	85	**89**	**89**	**89**	88	85	73	64	67	62	64
28	92	93	95	**96**	94	94.5	89	78	66	61	60	60
29	82	89	90	94	93	**95**	85	74	65	65	67	64.5
30	82	87	91	91	**94**	93.5	85	73	60	55	58	56
31	82	85	84.5	82	83	83	74	71	64.5	64	61	61
Mean	84.2	86.3	88.4	89.7	90.7	**91.6**	85.3	75.3	67.4	65.8	63.9	61.5

VAPOR PRESSURE (mm).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	19.7	19.5	19.7	19.6	19.9	19.9	20.2	20.8	20	19.2	**21.3**	18.2
2	16.8	16.9	16.8	17.1	17	**17.3**	16.8	16.3	16.8	16.2	17.2	17.1
3	16.1	16.1	16	15.9	15.7	15.8	16.3	16.8	17.1	16.7	17.2	16.2
4	17.4	17	16.5	16.3	**16.2**	**16.2**	16.9	17	17.3	18.2	17.6	17.7
5	19.4	19.3	19.4	19	18.9	18.6	18.4	18.1	19	19.2	18.4	18.5
6	19.2	19.2	19.2	19.6	19.4	19.3	18.8	18.9	18.7	18.9	19.4	19.4
7	18.4	18.1	18.1	17.8	17.7	**17.6**	18	19.1	19.2	18.8	18.9	19.1
8	20.5	20.2	19.9	19.4	19.3	19.3	19.5	21.4	21.2	19.4	19.5	**19**
9	19	19	18.4	18.5	18.3	18.4	18.8	19.8	20.3	20	20.7	19.6
10	18	17.7	17.5	17.6	17.4	**17.1**	**17.1**	18.1	18.7	19.6	19	19.1
11	20.2	20.2	20	20	20	20.1	20	19.4	20.1	20	19.9	**20.3**
12	**15.8**	16.5	16.4	16.1	16	16	16.3	17.4	18.3	18.3	18.4	18.1
13	18.2	18.2	18	17.8	17.8	18	18.2	18.3	18.8	18.8	19.1	19.3
14	18.4	18	17.9	17.5	17.3	**17**	17.6	18.7	19.7	20.4	19.5	19.5
15	18.9	18.3	17.8	17.8	17.7	17.3	17.7	19.1	19	18.5	19.2	19.1
16	17.5	17.1	17	17	16.7	16.6	17.1	18.6	17.8	17.8	18.5	19.2
17	17.9	17.6	17.5	17.5	**17.2**	**17.2**	17.8	18.6	17.7	18.8	19	18.5
18	18.1	18.3	18.2	**18**	18.6	18.3	18.5	19	18.6	19.3	18.9	19.8
19	19.4	18.2	18.2	18.3	18.6	18.4	18.9	18.8	18.8	18.5	**19.8**	18.7
20	18.4	18.4	18.7	18.4	**18.3**	**18.3**	**18.3**	18.9	19.6	20	19.8	19.6
21	19.4	19.2	18.6	18.7	18.5	18.4	18.2	19.4	18.8	20.3	19.8	**20.6**
22	17.7	17.9	17.9	17.2	17.2	16.9	17.4	18.9	**19.9**	**19.9**	19.7	**19.9**
23	17.7	17.3	17.6	17.4	17.3	**17.1**	17.5	18.6	18.9	19	19.6	19.3
24	19.6	19.8	19.8	19.9	19.9	19.9	20.3	**20.5**	20.1	20.3	19.4	20.2
25	18.4	18.2	18.1	18.4	18.2	18.2	18.6	18.6	17.9	18.2	18.1	18.4
26	17.4	17.5	17.1	17.1	**17**	17.2	17.8	17.8	17.8	18.2	18.1	18.3
27	18.5	18.5	18.4	**18.3**	**18.3**	18.6	18.7	19	19.1	18.9	19.7	19.4
28	18	17.9	17.7	17.7	**17.2**	17.3	18	18.7	18.6	18.8	19	18.8
29	18.8	19.1	18.8	18.9	18.2	18.2	18.9	20.1	**20.2**	**20.2**	20	20
30	18.2	17.9	17.5	17.1	17.1	**16.9**	17.7	18.6	18.1	18.2	18	18.5
31	18.3	18.4	18	17.4	17.3	**17.1**	**17.1**	18.9	19	19.4	19.3	19.8
Mean	18.4	18.2	18.1	18	17.9	**17.8**	18.1	18.8	18.9	19	**19.1**	19

RELATIVE HUMIDITY (%).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
53	53	50	**49**	53	60	66	66	68	72	73	78	73.6
54	49	**48**	56	60	66	70	72	73	73	75	78	70.1
55	**48**	51	53	57	63.5	72	78	83	81	81	84	71.9
58	58	**56**	61	59	71	72	78	78	81	84	87	73.8
60	64	75	62	69	65	73	74	77	81	85	86	76.8
67	62	**58**	59	59	64	70	77	79.5	81	83	86	75.4
61	62	**59**	65	68	76	80	80	85	86	85	87	77.8
61	**60**	63	67	71	82	81	79	81	80	82	84.5	78.7
61	63	58	**57**	63	66	69	74	77	77	80	84	74.6
62	60	60	58	**54**	67	74	77	79	81	86	87	75.1
62	63	51	**41**	44	52	58	61	64	69	70	69	70.9
56	51	50	**47**	50	59	65	68	69	72	76	78	**68**
58	62	51	50	**48**	58	66.5	68	72	75	77	79	69.7
56	64	63	60	59	57	64	66	72	75	77	79	72.3
58	49	**48**	51	51	57	64	69.5	69	73	75	81	69.9
63	65.5	58	51	**50.5**	57	63	71	73	77	80	85	71.3
58	60	**53**	57	63	67	70	73	75	77	79.5	80	72.8
72	84	89	89	**93**	91	92	91	90	90	89	89	**84.4**
59	**49**	52.5	56	59	67	71.5	78	78	80	80	81	72
59	54	**53**	56	57	68	72	73	75	76	79	82	73.8
55	**50**	52	53	54	61	68	72	77	76	77	77	72.2
57	55	46	**39**	46.5	52	60	68	73	76	84	84	71.3
59	54	**49**	53	58	66	72	77	82	75	84	91	72.6
64	66	62	**58**	64	68	75	76	75	77	78	82	78.7
66	64	73	**59**	63	62	69	72	74	75	78	79	74.4
58	58	56.5	**56**	58	67	69	76	77	76.5	79	83	72.2
63	62	**55**	65	63	66	71	73	76	82	82	**89**	74.3
57	57	59	**55**	61	68	69.5	75	75	76	83	86	75
57	**47**	50	54	53	61	69	73	79	78	78	79	72.6
48.5	**47**	49	**47**	54	61	65	71	75	78	77	80	69.9
60	56	54	**49**	52	61	68	71	72	75	81	**86**	70
59.3	58	56.5	**55.9**	58.5	64.7	70	73.5	75.9	77.5	79.9	82.6	73.4

VAPOR PRESSURE (mm).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
17.1	17.4	15.8	**15.2**	15.3	15.3	15.8	15.7	15.9	16.2	16.3	16.8	18
16.5	14.9	**14.7**	15.5	15.5	15.3	15.6	15.8	16.1	15.7	15.9	16	**16.2**
16.4	**15.4**	15.8	16	15.7	16.3	17	**17.5**	17.4	**17.5**	**17.5**	**17.5**	16.5
18	18.2	18.5	19.5	19.1	**20.2**	19.2	19.5	19.2	19.2	19.5	19.3	18.1
18.9	18.8	**20**	18.9	19.3	**17.8**	18.6	18.1	18.3	18.8	18.9	18.8	18.8
19.6	**19.9**	19.3	19	18.3	18.1	**18**	18.6	18.7	18.6	18.5	18.9	19
19.7	20.2	19.9	20.5	21	20.6	**21.2**	20.7	**21.2**	21	20.7	20.5	19.5
19.5	20	20.9	21.7	21.7	**22.7**	21.6	20.8	21.1	20.6	20.5	20.8	**20.4**
20.3	**21.3**	20.5	19.9	19.8	18.8	**18**	18.1	18.2	**18**	18.2	18.4	19.2
19.4	19.7	20	20.3	18.3	19.8	20.1	**20.4**	**20.4**	20.1	**20.4**	20.3	19
19.7	19.2	17.8	**14.2**	14.5	14.9	15.2	15.5	15.8	16.3	16.5	16.2	18.2
18.2	**18.5**	17.4	16.8	16.5	17.1	17.3	17.3	17.5	17.7	17.9	17.9	17.2
19.7	**19.9**	18.7	17.6	**16.6**	17.6	18.2	17.7	18.2	18.4	18.5	18.6	18.3
19.5	**21**	20.6	19.6	19.2	17.2	17.5	17.5	18	18.3	18.6	18.6	18.6
19.3	18.2	16.8	16.9	**16.1**	16.5	17	17.6	17.2	17.7	17.6	17.6	17.9
19.5	**19.6**	18.3	17	16.9	**16.5**	16.9	17.5	17.4	17.8	17.7	18.1	17.7
18.9	18.8	18.3	18.6	**19.6**	18.4	18.2	18.4	18.4	18.5	18.7	18.8	18.3
20.5	20.5	21.1	**21.2**	20.9	20.8	20.7	20.6	20.2	19.8	19.7	19.8	19.6
19.6	**17.9**	19.1	18.8	18.5	18.9	18.7	19.3	19.1	19.3	19	18.6	18.8
20.1	19.4	19.1	19.5	18.4	19.5	19.5	19.2	19.2	19.1	19.1	19.4	19.1
19.3	18.4	19	18.6	**17.8**	18.4	18.8	19.2	19.5	18.8	18.4	18.2	18.9
19.6	19.8	17.3	**14.8**	16.3	15.9	16.5	17.6	18	17.9	18.1	17.7	17.9
19.9	19.4	18.8	18.2	18.4	18.6	19	19.4	19.8	18.8	19.3	19.4	18.6
19.9	19.3	18.7	18.4	**17.7**	17.8	18.2	18.2	18	18	18.1	18.4	19.2
18	18.6	**19.7**	17.6	17.3	**16.5**	17.2	17.1	17.1	17.2	17.6	17.7	18
17.9	18.7	18.3	18.4	17.8	18.4	18.1	**18.9**	18.7	18.2	18.4	18.5	18
19.6	**20.7**	18.6	19.5	18.5	**18.3**	18.4	**18.3**	18.5	18.8	**18.3**	18.5	18.8
19.1	19.5	**20.3**	19.9	20.1	20.1	19.5	19.9	19.9	19.6	19.7	19.3	18.9
19.3	17.6	18.3	18.3	**17.3**	17.8	18.1	18	18.4	18.2	17.9	18.1	18.7
17.6	17.2	18.3	17.5	18.4	18.1	17.9	18.5	18.3	**18.7**	18.5	**18.7**	18
20.1	19.8	19.5	18.2	18.2	18.8	19.1	19.1	18.9	19.2	19.8	19.7	18.8
19.1	19	18.7	18.3	18	18.1	18.2	18.4	18.5	18.5	18.5	18.6	18.5

CLOUDS—FORM AND DIRECTION.

Day.	8 a.			9 a.			10 a.			11 a.			Noon.		
	Upper.	Lower.		Upper.	Lower.		Upper.	Lower.		Upper.	Lower.		Upper.	Lower.	
1		Cu.-N.	NE		Cu.	ENE		Cu.	NEbyE	Ci.	Cu.	NEbyE	Ci.	Cu.	NE
2		Cu.	E	A.-Cu.	Cu.	E		Cu.	E		Cu.-N.	E		Cu.-N.	E
3	Ci.-Cu.	S.-Cu.		Ci.-Cu.	Cu.			Cu.	E		Cu.	E		Cu.	E
4	Ci.	Cu.		Ci.	Cu.		Ci.	Cu.		Ci.	Cu.		Ci.	Cu.	
5		Cu.		Ci.	Cu.	E		Cu.	E	A.-Cu.	Cu.	E		Cu.	
6	A.-Cu.	Cu.	E	A.-Cu.	Cu.	E	A.-Cu.	Cu.		A.-Cu.	Cu.	E	A.-Cu.	Cu.	E
7	Ci.	Cu.			Cu.			Cu.	E		Cu.			Cu.	
8		Cu.			Cu.			Cu.			Cu.			Cu.	
9	Ci.	Cu.			Cu.			Cu.			Cu.	EbyS		Cu.	EbyS
10	Ci.	Cu.		Ci.	Cu.			Cu.			Cu.			Cu.	
11	A.-Cu.	Cu.	E		Cu.			Cu.	E		Cu.	E		Cu.	
12	Ci.	S.-Cu.		Ci.	Cu.		Ci.	Fr.-Cu.		Ci.	Cu.	E		Cu.	E
13	Ci.	Cu.		Ci.	Cu.			Cu.	E		Cu.	E		Cu.	E
14		Cu.	E	Ci.	Cu.	E	Ci.	Cu.	E		Cu.			Cu.	
15	Ci.	E Cu.		Ci.	E Cu.		Ci.	Cu.			Cu.			Cu.	
16		Cu.			Cu.			Cu.			Cu.	E		Cu.	
17	Ci.	Cu.		Ci.	Cu.	E	Ci.	Cu.	E	Ci.	Cu.	E	Ci.	Cu.	E
18	Ci.	Cu.		Ci.	Cu.	E	Ci.	Cu.	E	Ci.	Cu.	E	Ci.	Cu.	E
19		Cu.			Cu.			Cu.	E	A.-Cu.	Cu.	E	A.-Cu.	Cu.	
20	Ci.	Cu.		A.-Cu.	Cu.			Cu.	E	Ci.	Cu.	E	Ci.	Cu.	E
21		Cu.			Cu.	E		N.-cf.	E		Cu.	E		Cu.	
22	Ci.	Cu.			Cu.			Cu.			Cu.			Cu.	
23	Ci.	Cu.			Cu.			Cu.			Cu.			Cu.	E
24	Ci.-S.	Cu.			Cu.			Cu.	E		Cu.	E		Cu.	E
25	Ci.	Cu.		A.-Cu.	Cu.	E		Cu.-N.	E	Ci.-S.	N.-cf.		Ci.-S.	N.-cf.	E
26		Cu.			Cu.	E		Cu.	E		Cu.	E		Cu.	
27	A.-Cu.	Cu.	E		Cu.	E		Cu.	E	Ci.	Cu.	E		Cu.	
28		Cu.			Cu.			Cu.			Cu.	E		Cu.	E
29	Ci.	Cu.			Cu.			Cu.			Cu.			Cu.	
30		Cu.			Cu.			Fr.-Cu.			Fr.-Cu.	E		Fr.-Cu.	E
31		Cu.			Cu.			Cu.			Cu.			Cu.	

Day.	1 p.			2 p.			3 p.			4 p.			5 p.		
	Upper.	Lower.		Upper.	Lower.		Upper.	Lower.		Upper.	Lower.		Upper.	Lower.	
1	Ci.	Cu.	NE	Ci.	Cu.	NE	Ci.	Cu.		Ci.	Cu.	NE	Ci.	Cu.	
2		Cu.			Cu.	E		Cu.	E		Cu.	E		Cu.	E
3	Ci.	Cu.	E		Cu.	E	Ci.	Cu.	E	A.-Cu.	Cu.		A.-Cu.	Cu.	
4	Ci.	Cu.		Ci.	Cu.		Ci.	Cu.		Ci.	Cu.		Ci.	Cu.	E
5		Cu.-N.	E		Cu.-N.	E	Ci.	Cu.	E		Cu.	E		Cu.	
6		Cu.	E		Cu.	E		Cu.			Cu.	E		Cu.	F
7		Cu.			Cu.	E	A.-Cu.	Cu.	E	A.-Cu.	Cu.	E		Cu.	E
8		Cu.			Cu.			Cu.			Cu.			Cu.	
9		Cu.			Cu.			Cu.			Cu.			Cu.	
10		Cu.			Cu.			Cu.			Cu.			Cu.	
11		Cu.	E		Cu.	E		Cu.	E		Cu.			Cu.	
12	A.-Cu.	Cu.	ENE	Ci.-S.	Cu.	EbyN	Ci.-S.	Cu.	ENE	Ci.-S.	Cu.		Ci.-S.	Cu.	
13	Ci.	Cu.			Cu.	E	Ci.	Cu.	E	Ci.	Cu.	E		Cu.	
14		Cu.	E		Cu.	E		Cu.	E		Cu.	E		Cu.	
15		Cu.			Cu.			Cu.			Cu.	E		Cu.	E
16		Cu.	E		Cu.	E		Cu.-N.	E	Ci.	Cu.		Ci.-Cu.	Cu.	
17		Cu.	E		Cu.-N.	E		Cu.			Cu.	E		Cu.	
18	Ci.-S.	Cu.-N.			Cu.-N.	E		Cu.-N.	E		N.			N.	
19		Cu.	E	Ci.-S.	Cu.	E	Ci.	Cu.	E	Ci.	Cu.		Ci.	Cu.	
20		Cu.		Ci.	Cu.	E		Cu.	E	A.-Cu.	Cu.	E		Cu.	
21		Cu.	E		Cu.	E		Cu.	E	Ci.	Cu.	E	Ci.	Cu.	
22		Cu.			Cu.			Cu.	E		Cu.	E	Ci.	Cu.	
23	Ci.	Cu.			Cu.	E		Cu.	E		Cu.	E		Cu.	
24	Ci.-S.	Cu.-N.	E		Cu.-N.	E	Ci.	Cu.-N.	E		Cu.-N.			Cu.	
25		N.-cf.	E		N.-cf.	E		N.-cf.	E		Cu.	E		Cu.	E
26		Cu.	E		Cu.	E		Cu.	E		Cu.		Ci.-Cu.	Cu.	
27		Cu.	E	Ci.	Cu.	E	Ci.	Cu.	E		N.-cf.	E	Ci.	Cu.	E
28		Cu.			Cu.			Cu.			Cu.			Cu.	
29		Cu.			Cu.	E		Cu.			Cu.			Cu.	
30		Cu.			Cu.	E		Cu.			Cu.			Cu.	
31		Cu.			Cu.			Cu.		Ci.	Cu.		Ci.	Cu.	

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 a.		2 a.		3 a.		4 a.		5 a.		6 a.		7 a.		8 a.		9 a.		10 a.		11 a.		Noon.	
1	NE	1.5	N	2	NE	2.5	NE	2	NE	0.5	Calm		E	1.5	Calm		Calm		ENE	3	NE	1.5	ENE	6
2	E	.5	E	.5	Calm		NE	.5	N	1.5	NNW	0.5	NNW	1	N	1.5	SE	2	ESE	3	ESE	2.5	W	1.5
3	NNE	.5	E	.5	E	1	NNE	.5	ENE	1	N	.5	NbyW	.5	Calm		Calm		W	2	W	1.5	ESE	4.5
4	E	1	E	.5	E	1	N	1.5	N	2	NNW	2	NNW	2	NNE	2	NNW	1	NW	5	WNW	3	W	5.5
5	NW	.5	Calm		NNW	.5	N	.5	Calm		Calm		SEbyE	.5	NNE	.5	W	1.5	W	4	WSW	3	WSW	2
6	ESE	.5	ESE	.5	Calm		Calm		Calm		Calm		Calm		Calm		S	1	SW	1	WSW	3	WSW	3
7	ESE	2	ESE	1.5	ESE	1	Calm		NE	.5	NE	.5	ENE	.5	NE	.5	SW	2	W	2.5	W	2.5	WbyS	1
8	SE	1	SE	1	SE	1	SE	1	Calm		SE	.5	Calm		ESE	1.5	ESE	1	WSW	2.5	WSW	3.5	W	4
9	NNW	2.5	NNE	1.5	NNW	1.5	NNW	1	Calm		Calm		Calm		NW	.5	Calm		W	1.5	W	5	WSW	2.5
10	Calm		ESE	1.5	ENE	.5	Calm		Calm		Calm		Calm		Calm		WSW	1.5	W	2	W	1.5	WSW	2
11	SSE	2	SSE	1	ENE	1	Calm		NE	.5	Calm		Calm		NNW	1	SW	.5	SW	2	WSW	1.5	SW	2.5
12	ESE	3	ESE	1.5	ESE	1.5	NE	1	Calm		NE	.5	NNE	.5	NNW	.5	W	.5	WNW	2.5	WSW	3	WNW	5
13	Calm		N	1	N	.5	N	.5	NNE	.5	NE	.5	Calm		NW	.5	W	.5	W	1	W	4.5	W	5
14	Calm		Calm		NNE	.5	NE	1	NE	1	NNE	.5	NE	1	Calm		SW	1	W	.5	W	2.5	WSW	5.5
15	ESE	1	ESE	1	ESE	.5	ESE	.5	Calm		NE	.5	NE	.5	NE	.5	S	1	SSW	1	WSW	4	W	3
16	ESE	.5	ESE	1	ESE	.5	ESE	.5	Calm		ESE	.5	Calm		Calm		E	1.5	NE	1	NE	1.5	SW	3.5
17	SE	1.5	SE	1.5	SE	1.5	NE	.5	NE	.5	Calm		ENE	1	NE	.5	ENE	1.5	W	4	W	4	W	3.5
18	E	1.5	Calm		E	1	Calm		ENE	1	Calm		Calm		NW	1.5	WSW	1.5	SW	2.5	WSW	1.5	SSW	2
19	ESE	1	ENE	3	ENE	1.5	NE	.5	NE	.5	NNW	1	Calm		Calm		Calm		E	1.5	NW	3	SE	6
20	ESE	2	ESE	1.5	Calm		ESE	1	ESE	1	NNE	1.5	NE	2	Calm		W	1	WNW	4	WNW	3	W	2.5
21	ESE	2	ESE	1	ESE	1.5	ESE	1.5	ENE	1	NE	.5	NE	.5	NE	1	ESE	1	WSW	1	W	1.5	SSW	3
22	NE	1	NE	.5	NE	1	NE	2	ENE	.5	Calm		ENE	.5	Calm		SSW	1.5	WSW	1.5	WSW	4.5	W	2
23	ESE	1	ESE	2	E	1.5	E	1	E	1	ENE	1.5	NE	1.5	E	.5	E	.5	E	.5	WbyN	3	W	1.5
24	ENE	1.5	Calm		ENE	1	Calm		Calm		Calm		NE	.5	N	.5	E	1	NE	1	ENE	2.5	E	3
25	Calm		Calm		Calm		NW	1	NNW	1	Calm		Calm		NNE	1	NNW	.5	Calm		E	1	W	1
26	SE	1	SE	.5	SE	1	SE	.5	Calm		ESE	1	Calm		Calm		E	2	WNW	3	WNW	2	W	2.5
27	E	2	NNE	.5	NE	1	Calm		NNE	1.5	Calm		Calm		Calm		WNW	1.5	WNW	2	WbyN	5	WNW	1.5
28	ESE	1	ESE	.5	ESE	.5	ESE	1.5	ENE	1.5	NNE	.5	NE	.5	N	.5	NW	1	W	1.5	WSW	3.5	W	3
29	Calm		Calm		Calm		Calm		N	.5	Calm		Calm		ENE	.5	E	1	W	1.5	W	3.5	WSW	3
30	ESE	2	ENE	2	ENE	2	ENE	1.5	NE	1.5	Calm		Calm		Calm		E	.5	SE	1.5	W	4	WbyS	2.5
31	Calm		ESE	.5	Calm		NNE	1.5	NNE	1.5	NNE	.5	ENE	1.5	Calm		WNW	2	W	2.5	W	3	W	1.5
Mean		1.1		0.9		0.9		0.7		0.7		0.4		0.5		0.5		1		2		2.9		3.1

Day.	1 p.		2 p.		3 p.		4 p.		5 p.		6 p.		7 p.		8 p.		9 p.		10 p.		11 p.		Mid-night.		Mean.
1	NE	6.5	ENE	2	ESE	3.5	E	3.5	E	4	E	3.5	ESE	1.5	ESE	3	ESE	2	E	2	E	2	Calm		2.2
2	ESE	1	ESE	5	ESE	2	ESE	4.5	ESE	5.5	ESE	2.5	ESE	2	ESE	1.5	ESE	1	ESE	1.5	ESE	1	Calm		1.8
3	SE	5	ESE	6.5	SE	4	SE	4.5	SE	3	ESE	2	ESE	.5	Calm		Calm		E	1.5	E	1	E	1.5	1.8
4	SW	2	SW	2.5	WSW	1.5	WSW	3.5	SE	1.5	ENE	1.5	ESE	2.5	ESE	2	ESE	2.5	ESE	1.5	Calm		Calm		2
5	WSW	1.5	NW	2	SW	1	SW	1	SE	1	E	1	E	1.5	ESE	2	ESE	2	ESE	1.5	Calm		Calm		1.1
6	SW	2.5	WSW	3.5	SW	3	SE	4	ESE	1	E	1	ESE	.5	ESE	1.5	ESE	1.5	ESE	1	ESE	1.5	ESE	1	1.3
7	WSW	3.5	WSW	3.5	WNW	3.5	W	2	WSW	2	SW	3.5	SSW	2	SSE	2.5	SSE	2	SSE	1.5	SSE	1.5	Calm		1.8
8	WSW	3.5	SW	3.5	SW	3	SW	4.5	SSW	5.5	SSW	3	SSE	1.5	SSE	3	SSW	2.5	SE	1.5	ESE	.5	Calm		2
9	SW	1	SW	2.5	SE	2.5	SE	4	ESE	3	ESE	1	ESE	3	ESE	2	SE	1.5	ESE	2	Calm		Calm		1.6
10	W	3.5	WSW	2.5	SW	1	SW	1	ESE	1	S	3.5	S	1	S	2.5	S	3	SSE	2.5	SSE	1	SSE	1	1.4
11	WSW	2.5	W	3.5	SW	2	ENE	4.5	E	3.5	E	3	E	1	E	3.5	ESE	3.5	ESE	4	ESE	3.5	ESE	3	2.1
12	W	.5	NNW	1	E	6.5	ESE	4	E	1.5	E	4.5	E	2	ESE	2.5	ESE	2.5	ESE	2	E	2	E	1	2.1
13	W	2	W	1.5	SE	5.5	SE	3.5	SE	3	ESE	1	E	1.5	E	2	ESE	1.5	E	1.5	ESE	1.5	E	.5	1.6
14	WSW	3.5	SW	3.5	WSW	2	WSW	1.5	Calm		E	1	E	1	ESE	1.5	ESE	2.5	ESE	2.5	ESE	1.5	ESE	1	1.5
15	WSW	2.5	SE	1.5	NE	1	E	6	E	5	E	4	E	3	ESE	4.5	ESE	3.5	ESE	3	ESE	1.5	ESE	.5	2.1
16	WSW	2.5	SW	1.5	ESE	2.5	E	8	ENE	6.5	SE	4.5	ESE	1.5	SE	2.5	SE	2	SE	2	Calm		SE	.5	1.9
17	WSW	2	SE	4	E	5	ESE	1.5	ESE	3	ESE	3	ESE	2	ESE	2	ESE	2.5	ESE	2.5	ESE	2	ESE	1.5	2.1
18	ESE	5.5	ESE	6.5	SE	3	Calm		Calm		Calm		Calm		SE	1.5	Calm		Calm		Calm		Calm		1.2
19	SE	3	SE	6.5	E	1	SE	8	ESE	5.5	SE	1.5	ESE	3	ESE	2	ESE	3	ESE	2.5	ESE	2.5	ESE	2	2.4
20	SE	3	SE	5	SE	5	SE	4.5	ESE	5.5	SE	4	ESE	4	ESE	3	ESE	2.5	ESE	3	ESE	2.5	ESE	2	2.6
21	SE	1.5	SE	6.5	SE	4	ESE	5	ESE	3	SE	2	SE	2.5	SE	2	SE	2.5	SE	2	SE	3	SE	2.5	2.2
22	WSW	4	S	2.5	SE	8	E	5	E	4	ESE	3.5	ESE	2.5	ESE	2.5	ESE	2	ESE	1.5	Calm		ESE	.5	2.1
23	W	4	WNW	2.5	ENE	1.5	ESE	7	ESE	6	EbyS	4.5	ESE	4	ESE	1.5	ESE	1.5	ENE	2	ENE	3	ENE	3.5	2.4
24	ENE	2	E	4	ENE	3.5	ENE	3	E	2.5	E	4	E	1	E	1.5	ENE	2.5	ENE	3	Calm		Calm		1.6
25	W	2	WNW	1.5	S	1	E	2.5	E	3	E	2.5	E	2	E	2	SE	2.5	E	2	SE	1	SE	.5	1.2
26	W	5	W	2.5	ESE	3	ESE	1	ESE	1.5	E	1	E	3	E	2	SE	2.5	SE	2	SE	1	SE	1	1.7
27	WbyN	2	W	3	SE	8	ESE	3	SE	3	ESE	1.5	ESE	2	ESE	2.5	ESE	2	ESE	1.5	ESE	1.5	ESE	1	1.9
28	WSW	3	WSW	4.5	WSW	1	SE	1.5	SE	4	SE	2.5	ESE	3	ESE	2.5	ESE	2	Calm		Calm		NNW	.5	1.7
29	NW	1	ESE	3.5	E	4.5	SE	4.5	ESE	3	E	2.5	E	1	ESE	2	ESE	2	ESE	3	ESE	2	ESE	2.5	1.7
30	SE	4	SE	7	ESE	2	ESE	1.5	ESE	1.5	ESE	1.5	ESE	3.5	E	2	ESE	2	ESE	1.5	SE	2	ESE	1.5	2
31	WSW	2.5	WSW	1.5	SW	2	SE	.5	SE	1	ESE	2.5	ESE	1	ESE	2.5	ESE	3	ESE	2	ESE	1.5	ESE	1.5	1.5
Mean		2.8		3.5		3.1		3.5		3		2.5		2		2.2		2.1		2		1.3		1	1.8

WIND—VELOCITY IN KILOMETERS PER HOUR.

Day.	Mdt.-1 a.	1-2 a.	2-3 a.	3-4 a.	4-5 a.	5-6 a.	6-7 a.	7-8 a.	8-9 a.	9-10 a.	10-11 a.	11-Noon.
1	0.5	5	7.5	10	0	0.5	1	1	0.5	3.5	8.5	15.5
2	.5	0	0	.5	2	5.5	5	3	1	6.5	14	9
3	1.5	1.5	1.5	2	4.5	4.5	6	3	1	4.5	10	20
4	3.5	3.5	4	6	5	6	6.5	8.5	9	9	**21**	17
5	5	2	3	2	0	2	3	3	3	10	**14**	13
6	2	3	2	0	3	2	0	3	5	7	11.5	11.5
7	5	5	4	4	.5	1.5	1	1.5	4.5	8	**19**	16
8	2	4	3	3	.5	2	2.5	4	3	6.5	16.5	15
9	5.5	5	3.5	2	0	0	0	1	3	8.5	**17.5**	16
10	3	4	3	4	1.5	.5	2	1	7	9	**15**	13
11	7	3	3	2.5	2.5	3	0	1	5	8	**14.5**	9.5
12	10.5	5.5	4	4.5	4.5	6	5	4.5	2	7.5	13.5	15.5
13	4.5	3.5	2.5	1.5	3	3	2	4.5	4.5	8	17	13.5
14	1.5	1	3	3.5	4	3	1	1.5	3.5	8.5	13.5	13
15	3	2.5	2.5	1.5	2	4	4.5	3.5	4.5	9	**15.5**	**15.5**
16	2	4	1.5	2.5	1.5	2.5	2	.5	2.5	10.5	12.5	8
17	4	3	3.5	4.5	1	0	.5	.5	1	5	13.5	15
18	3	3	3	2.5	3.5	.5	1	3.5	4.5	6.5	15	13.5
19	1	9	7.5	1.5	.5	0	0	0	1	6	8.5	13
20	5.5	5	2.5	3.5	3.5	5	3.5	2	2	8	16	14
21	8	3	3.5	4	4.5	2.5	5	4	2.5	6	10	6
22	4.5	3	3.5	6.5	3	3	4	0	2.5	7.5	13	13.5
23	2	5.5	5	5	3.5	5	5.5	6	3.5	4	17.5	13
24	8	1	.5	.5	1.5	0	1	2	3	4	13	10
25	.5	.5	0	2	2.5	1.5	0	4	3	2	3	4.5
26	3	1	1	2	3	3	1	1	4	3	14	15
27	7.5	4.5	4	3	5.5	2.5	1.5	3	4.5	9.5	12.5	14
28	2.5	1.5	1.5	3.5	6	4.5	2	3.5	3	7.5	16	**17**
29	0	0	0	0	0	0	0	0	1	7.5	18.5	14
30	7	5	6.5	4.5	4.5	3.5	3	4	4.5	6.5	13	15
31	3	1	3	5	1	0	1	1.5	3.5	9.5	**15.5**	14
Mean	3.8	3.2	3	3.1	2.5	2.5	**2.3**	2.6	3.3	7	14	13.3

AMOUNT OF CLOUDS (0–10).

Day.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	Mean.	Sunshine.
														h. *m.*
1	10	10	10	8	8	6	6	5	5	6	4	2	6.7	5 30
2	10	9	8	7	8	8	6	6	5	5	6	4	6.8	5 35
3	7	7	5	6	9	7	7	3	4	4	3	3	5.4	6 15
4	7	4	5	3	4	3	3	3	4	6	10	8	5	7 30
5	2	4	2	5	5	6	7	9	9	9	7	8	6.1	5 15
6	6	7	10	10	7	8	7	5	3	3	5	5	6.3	5 10
7	3	3	2	2	3	3	3	3	7	4	4	3	3.3	7 40
8	3	2	4	3	3	2	2	2	2	1	1	3	2.3	**10 20**
9	3	3	1	1	4	3	3	2	2	2	2	2	2.3	9 45
10	2	1	2	0	1	1	2	1	1	0	0	2	**1.1**	9 50
11	7	4	3	3	5	4	6	7	4	2	0	2	3.9	8 20
12	6	4	4	3	4	7	8	7	7	7	7	1	5.4	7 40
13	7	2	2	4	5	6	5	8	5	5	3	3	4.6	8 20
14	10	3	5	9	8	4	6	5	7	7	4	2	5.8	5 50
15	5	7	7	5	3	3	3	3	4	8	7	5	5	6 40
16	3	2	2	3	3	4	8	9	10	5	8	9	5.5	5 00
17	6	6	7	5	6	8	4	7	4	6	3	1	5.2	6 10
18	4	6	6	5	8	8	10	10	10	10	10	10	8.1	2 10
19	2	2	2	2	4	6	10	4	4	3	5	7	4.2	10 10
20	2	3	3	8	8	8	6	6	4	4	3	3	4.8	7 15
21	1	1	3	10	7	6	7	5	5	4	4	4	4.8	7 25
22	2	1	1	1	1	1	1	2	3	6	4	4	2.2	9 15
23	3	2	2	2	2	5	5	5	7	4	2	3	3.5	7 55
24	10	9	5	5	8	6	10	10	9	8	10	9	8.2	3 35
25	6	4	6	10	10	10	10	10	10	6	9	10	**8.4**	**1 05**
26	8	3	4	5	7	3	5	5	4	3	2	3	4.3	7 45
27	10	5	3	6	7	4	6	7	9	10	5	7	6.6	6 00
28	0	0	0	0	3	3	2	3	2	2	2	2	1.6	9 05
29	2	2	1	2	4	4	3	3	3	2	2	7	2.9	9 30
30	0	0	0	3	3	3	4	2	2	1	1	1	1.7	10 05
31	2	1	0	1	1	1	2	2	2	2	1	2	1.4	9 55
Total														222 00
Mean	4.8	3.8	**3.7**	4.4	5.1	4.9	**5.4**	5.1	5.1	4.7	4.3	4.4	4.6	7 10

WIND—VELOCITY IN KILOMETERS PER HOUR.

Noon–1 p.	1–2 p.	2–3 p.	3–4 p.	4–5 p.	5–6 p.	6–7 p.	7–8 p.	8–9 p.	9–10 p.	10–11 p.	11–mdt.	Mean.
22.5	16	12.5	16.5	19	16	13	13	9	7	7	2	8.6
7	19	20	21	**22**	15	13.5	9	6	5	4.5	2	8
23	22.5	22.5	22	17	12	7.5	3.5	2	6	6	3	8.6
15	13	11	12	9	10	10	10	7	4	2	3	8.5
12	6	10	3	9	10	3	7	6	7	2	1	5.7
11	**14.5**	12	13.5	13	9.5	7	5	6.5	5	5	5	6.5
15	14	11	13	12	15	9	12	8	6	5	4	8.1
18	15	18	**24**	19.5	15.5	11.5	13.5	12.5	7.5	4	2	9.3
15	12	13	17	17	13	10	7	7	8	4	3	7.8
14	13	10	5	7	9	11	11	10	11	5	5	7.2
12	13.5	13	10	**14.5**	12	9.5	12.5	**14.5**	11.5	12	12	8.6
14	8	7	16	**17**	13	8.5	7.5	9.5	10	9	5	8.6
14	12	19	**22**	19	13	9	7	7	4	8	5	8.6
15	14.5	13	10	6	13.5	8	7	7	9.5	7.5	5	7.2
15	12	9	12	12	14	15	15	14	13	7.5	4.5	8.8
10.5	7.5	**14**	12	**14**	13	11	9	6.5	4.5	5	2.5	6.6
11.5	9.5	12	16	**17**	15	11.5	8.5	9.5	8.5	7	4.5	7.6
16	**21**	13	6.5	1.5	1.5	0	2	2.5	1	0	1	**5.2**
18	19	17	**22**	**22**	15	11	9	9	9	10	8.5	9.1
12	18	**22**	19	**22**	15	12	12	10	13	8	6	**10**
9	20	**21**	20	17	12	11	9	9	7	11	10.5	9
13	12.5	**18**	17.5	14.5	13	8.5	10	7.5	5	2.5	1	7.8
14.5	9	10.5	15	**21.5**	16.5	10	6	3.5	7.5	11	13.5	8.9
7.5	12	12.5	**19**	16	14	8	6	7	6	8	0	6.7
9.5	5	3.5	**16.5**	15	12	7	9	10	6	5	4	**5.2**
15	7.5	16.5	14	**18**	13	13	8	8	7.5	8.5	4	7.7
17	12.5	10.5	**17**	7	**7**	9	8.5	9.5	6	5.5	3	7.7
14	15	12	9	14	15	13	12	6.5	2.5	0	0	7.6
12	20	14.5	**21.5**	21	14	7.5	6.5	6	9	9.5	8	7.9
22	20	18	15	14	16	14	10	7	7	6	4	9.6
13	12	10.5	5	11	12	8.5	10	12	9	5	4	7.1
14.1	13.7	13.8	**14.9**	14.8	12.7	9.7	8.9	8	7.2	6.1	4.4	7.9

FREQUENCY OF THE WIND.

Day.	N.	NNE.	NE.	ENE.	E.	ESE.	SE.	SSE.	S.	SSW.	SW.	WSW.	W.	WNW.	NW.	NNW.	Calm.	Total wind velocity.	Atmidometer.	Rainfall.
																		Kms.	*mm.*	*mm.*
1	1		6	3	6	4											4	207	6.1	0.6
2	2		1		2	13	1						1			2	2	191	5.6	
3	2	2		1	5	4	4						2				4	207	6	
4	2	1		1	3	4	1				2	2	1	1	1	3	2	205	5.5	
5	1	1			2	3	2				2	3	2		2	1	5	136	3.2	3.3
6					1	9	1		1		3	3					6	157	4.7	
7			3	1		3		4		1	2	3	4	1			2	194	4.7	
8						3	6	2		3	3	3	1				3	223	5.3	
9		1				5	3				2	1	2		1	3	6	188	5.4	
10				1		2		3	4		2	3	3				6	174	4.9	
11			1	2	4	4		2			4	2	1			1	3	206	6.2	
12		1	2		6	7						1	2	2		2	1	207.5	6.7	
13	3	1	1		4	3	3						6		1		2	206.5	6.2	
14		2	3		2	5					2	4	2				4	173	5.2	
15			4		4	9	1		1	1		2	1				1	211	6.4	
16			2	1	2	8	4				2	1					4	159.5	5.6	
17			3	2	1	9	4					1	3				1	182	5.8	
18				1	2	2	2			1	1	2			1		12	**125.5**	**2.1**	**16.8**
19			2	2	2	10	3								1	1	3	217.5	6.6	
20		1	1			11	5						2	2			2	**239.5**	5.6	
21			3	1		7	10			1		1	1				3	215.5	6	
22			4	2	2	6	1		1	1		3	1					187	6.2	
23			1	5	6	8							2	2				214	5	7.6
24	1		2	8	7												6	160.5	4	.8
25		1			7		3		1				2	1	1	2	6	126	4.5	
26					4	4	8						3	2			3	184	6.2	
27		2	1		1	8	2						1	5			4	184.5	4.4	
28	1	1	1	1		7	3					4	2		1	1	2	181.5	5.6	
29	1			1	4	7	1					1	2		1		6	190.5	6.5	
30			1	3	2	9	4						2				3	230	7.5	
31		3		1		8	2				1	2	3	1			3	170	6.1	
Total	14	17	42	37	79	182	74	11	8	8	26	42	52	17	10	16	109	5,853.5	169.8	29.1
Mean	0.5	0.5	1.4	1.2	2.5	5.9	2.4	0.4	0.3	0.3	0.8	1.4	1.7	0.5	0.3	0.5	3.5	188.8	5.5	0.9

EXTREME VALUES.

Day.	Maxima.						Minima.					
	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.
	mm.		°C.		*Per cent.*	*mm.*	*mm.*		°C.		*Per cent.*	*mm.*
1	761.55	9.25a.	32.1	3.20p.	96	21.3	758.32	4.00p.	22.6	4.05a.	49	15.2
2	61.70	9.15a.	30.7	2.25p.	87	**17.3**	58.29	4.00p.	21	3.10a.	48	14.7
3	61.70	9.35a.	31.4	1.55p.	90	17.5	58.65	2.45p.	**20**	5.55a.	48	15.4
4	62.37	9.00a.	31.9	2.55p.	91	20.2	58.65	3.55p.	20.6	2.55a.	56	16.2
5	61.58	10.00a.	31.8	1.35p.	95	20	58.10	3.40p.	21.8	5.45a.	60	17.8
6	60.75	10.00a.	32	3.20p.	90.5	19.9	57.05	3.30p.	**23.3**	3.00a.	58	18
7	**59.60**	9.45a.	32.5	2.55p.	94	21.2	**56**	3.05p.	21.2	6.10a.	59	17.6
8	60.45	9.15a.	32.1	1.50p.	96	**22.7**	56.75	3.35p.	22.1	5.50a.	60	**19**
9	61.40	9.05a.	33.4	2.50p.	94	21.3	57.55	3.30p.	21.7	6.15a.	57	18
10	60.60	9.35a.	33	4.05p.	92	20.4	56.95	3.35p.	20.8	6.25a.	54	17.1
11	60.48	9.00a.	32.9	3.50p.	93	20.3	56.95	3.25p.	22.7	4.45a.	41	**14.2**
12	61.55	9.15a.	33.7	3.55p.	90	18.5	57.75	4.15p.	20.2	6.05a.	47	15.8
13	61.95	9.30a.	33.8	3.45p.	91	19.9	58.30	4.00p.	22.1	6.00a.	48	16.6
14	60.85	0.05a.	32.4	1.05p.	90	21	57.05	3.45p.	21.3	6.15a.	56	17
15	60.35	11.40p.	34	2.15p.	91	19.3	56.15	2.55p.	21.2	5.55a.	48	16.1
16	60.85	9.00a.	32.5	2.35p.	91.5	19.6	57.45	4.00p.	20.4	6.35a.	50.5	16.5
17	61.72	9.00a.	32.6	3.05p.	93	19.6	58.05	3.25p.	20.9	5.35a.	53	17.2
18	61.30	10.55p.	**30.2**	0.05p.	93	21.2	58.55	3.20p.	22.2	6.20a.	**66**	18
19	61.20	8.35a.	33.5	3.10p.	91	19.8	57.40	4.05p.	22.3	6.10a.	49	17.9
20	60.79	10.00a.	33.5	2.50p.	93	20.1	57.20	3.35p.	21.9	4.50a.	53	18.3
21	60.81	10.00a.	33.3	1.50p.	94	20.6	57.99	4.00p.	21.9	5.35a.	50	17.8
22	61.84	8.00a.	34.2	3.55p.	94	19.9	58.30	3.55p.	20.3	5.50a.	**39**	14.8
23	62.90	11.05p.	33.9	3.05p.	92	19.9	59.10	4.05p.	21.1	5.45a.	49	17.1
24	**63.53**	9.00a.	30.6	4.05p.	**97**	20.5	**60.65**	3.30p.	22.7	4.25a.	58	17.7
25	63.45	9.00a.	30.8	11.55a.	92	19.7	60.10	3.45p.	21.9	6.15a.	59	16.5
26	63.32	9.00a.	32.4	3.35p.	93	18.9	59.49	4.00p.	20.7	5.35a.	56	17
27	62.55	8.25a.	32.3	3.15p.	89	20.7	59.45	3.05p.	22.6	4.20a.	55	18.3
28	62.29	9.00a.	33.1	4.05p.	96	20.3	58.29	4.00p.	20.7	5.45a.	55	17.2
29	60.85	8.15a.	**34.9**	2.35p.	95	20.2	57	3.45p.	21.6	6.05a.	47	17.3
30	60.60	8.00a.	34.3	3.35p.	94	18.7	56.96	4.00p.	20.3	6.15a.	47	16.9
31	59.95	8.40a.	34	3.40p.	**86**	20.1	56.05	3.45p.	22.1	5.45a.	49	17.1
Mean	761.45	.....	32.7	.....	92.4	20	757.89	.....	21.5	.....	52.4	16.9

DAILY GENERAL REMARKS.

1____d in the morning.
2____≡ in the morning.
3____☌° early in the morning.
4____Cloudy weather.
5____☌° early in the morning; ● in the afternoon.
6____Cloudy weather.
7____☌ early in the morning; ≡° in the morning.
8____Fair weather.
9____☌ early in the morning; coloration of upper clouds at sunrise; ≡ in the morning.
10____Convergence of Ci. toward SE in the morning.
11____Cloudy weather.
12____Do.
13____☌° early in the morning; ≡° in the morning.
14____Cloudy weather.
15____☌ early in the morning; convergence of Ci., ≡° in the morning.
16____Somewhat gusty Ely winds in the afternoon.
17____d° at 2.30 p. m.
18____● in the afternoon.
19____Cloudy weather.
20____Do.
21____Somewhat gusty SEly winds in the afternoon.
22____As yesterday.
23____Do.
24____● in the early morning; d in the morning and afternoon.
25____d° at 2.15 p. m.
26____☌° early in the morning.
27____Somewhat gusty SEly winds; d° in the afternoon.
28____☌ early in the morning; ≡° in the morning.
29____Fair weather.
30____☌° early in the morning; ≡° in the morning.
31____Fair weather.

OBSERVATIONS FOR APRIL, 1916.

ATMOSPHERIC PRESSURE, 700mm+.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	58.25	58	57.65	57.25	57.15	57.56	58.09	58.58	**58.99**	58.72	58.48	57.57
2	57.70	57.65	57.35	57.10	57.30	57.70	58.75	59.30	59.66	59.56	59.25	58.64
3	60	59.80	59.55	59.45	59.75	60.15	60.54	60.82	**61.04**	60.92	60.43	60.03
4	60.55	60.15	60.05	59.85	60	60.37	61.19	61.42	**61.52**	61.47	61.33	60.43
5	60.75	60.60	60.50	60.50	60.75	61.42	62	62.51	62.54	62.34	62.23	61.66
6	61.75	61.40	61.25	61.20	61.55	61.80	62.20	62.75	62.75	62.63	62.57	62.11
7	62.60	62.40	62.20	62.15	62.45	62.74	63.07	63.30	63.48	63.43	62.91	62.46
8	63.10	62.70	62.45	62.40	62.60	62.77	62.92	**63.49**	63.42	62.91	62.27	61.37
9	61.50	61.10	60.80	60.75	60.85	61.02	61.55	62	**62.23**	62.12	61.88	61.19
10	60.85	60.60	60.10	60.15	60.65	60.90	61.53	61.87	**62.07**	61.88	61.63	61.09
11	60.85	60.65	60.70	60.75	60.80	61.05	61.60	**61.73**	61.66	**61.73**	61.16	60.60
12	61.05	60.85	60.65	60.65	60.60	60.84	61.52	61.88	**61.99**	61.91	61.61	61.19
13	61.45	61.15	60.65	60.60	60.75	60.87	61.25	61.74	**61.88**	61.72	61.19	60.42
14	61	60.50	60.40	60.05	60.15	60.74	61.19	61.48	**61.71**	61.52	61.31	60.65
15	59.50	59.15	59	59.05	59.20	59.48	59.86	60.01	60.10	60.05	59.58	59.02
16	59.75	59.30	59.15	59.10	59.25	59.39	59.79	60.12	**60.16**	59.83	59.33	58.69
17	58.40	58	57.75	57.30	57.50	57.76	58.27	**58.74**	58.53	58.22	57.73	57.28
18	56.60	56.15	55.90	55.65	55.70	55.99	56.47	56.93	**57.24**	57.10	56.86	56.18
19	56.35	55.85	55.50	55.55	55.90	56.40	57	57.52	57.88	57.72	57.47	56.94
20	57.20	56.85	56.55	56.65	56.65	56.79	57.29	57.77	**57.94**	57.69	57.39	56.83
21	56.70	56.25	55.90	55.95	56.30	56.60	56.98	57.75	**57.97**	57.82	57.48	57.06
22	56.90	56.65	56.35	56.20	56.80	57.24	57.66	57.97	**57.98**	57.87	57.56	57.07
23	56.60	56.20	55.95	55.90	56.25	56.54	57.34	**57.75**	57.68	57.24	56.86	56.15
24	56.25	56.05	55.90	56	56.15	56.59	57.08	57.41	57.44	57.33	56.81	56.17
25	57.15	56.70	56.75	56.80	57.15	57.42	58.22	58.53	**58.66**	58.31	58.01	57.47
26	58.05	57.80	57.85	58.10	58.55	58.65	59.45	59.67	59.89	59.73	59.19	58.90
27	58.80	58.40	57.90	57.80	58.10	58.73	59.34	59.58	**59.64**	59.62	59.33	58.88
28	58.50	58.35	58.05	58.10	58.50	58.95	59.57	59.64	**59.82**	59.52	59.08	58.42
29	58.55	57.85	57.60	57.60	57.95	58.58	59.08	59.54	**59.71**	59.49	59.09	58.63
30	58.50	58.25	58.10	58.05	58.55	59.02	59.42	**60.26**	60.24	59.99	59.76	58.98
Mean	59.17	58.84	58.62	58.56	58.80	59.14	59.67	60.07	**60.19**	60.01	59.66	59.07

TEMPERATURE (°C.).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	23.8	23.6	23	22.7	22.7	**22.6**	25.1	27.1	27.3	28.9	30	30.4
2	24.7	24.4	24.3	24.2	**23.7**	24	26.2	28.7	30	30.9	31.4	32.3
3	24.9	24.3	23.7	22.6	21.8	**21.7**	24.4	28.1	29.9	30.9	31.6	31.5
4	25.9	25.5	24.8	24.2	**23.2**	23.6	25.5	27.4	29.8	29.5	29.8	30.4
5	26.2	26	25.5	24.3	23.7	**23.5**	**23.5**	23.7	25	26.1	27	27.9
6	24.3	24.1	23.5	23.9	**23.4**	23.8	24.8	27.5	27.9	29	28.2	**29.3**
7	23.3	23.5	23.5	22.8	**22.6**	22.7	23.9	26.3	29.2	27.2	29	29.7
8	23.4	23.1	22.3	22.1	**21.9**	22	24.2	27	29.4	30.8	32.2	**32.3**
9	23.5	23.3	23.2	23	**22.7**	22.8	24.4	27	27.3	27.4	29.9	28.9
10	23.3	22.8	22.4	22.4	22.1	**22**	23.7	27.1	27.7	28.5	28.4	29.2
11	25.7	24.6	23.6	22.9	**21.8**	**21.8**	24.8	27.9	29.5	29	29.3	30.7
12	24.9	25	24.5	23.6	23.3	**22.8**	24.9	26.8	29.1	28.6	28.1	28.7
13	24.5	23.7	23.7	23.1	**22.9**	23.1	25	27.2	28.4	28.7	30.4	32.8
14	23.7	23.5	22.6	**22.5**	**22.5**	23.5	24.3	26.7	28.2	29.5	29.6	31.1
15	23.3	22.7	22.5	22.3	22.1	**21.7**	24.9	28	27.9	29.1	29.6	30.5
16	23.4	22.8	21.7	21.7	20.8	**20.6**	22.5	25.5	28.5	28.2	29.5	30.4
17	23.4	23.8	24.1	23.6	23.4	**23.2**	26.1	26.3	29.4	30.6	31.8	31.7
18	25.5	25.4	24.7	24.3	23.8	**23.5**	26.4	27.8	29.3	28.9	30	31.2
19	23.9	23.9	23.8	23.6	**23.5**	**23.5**	25.3	27.9	29.1	29.7	30.4	30.7
20	24.4	23.9	23.6	23.4	23.1	**23**	25.8	27.6	29.6	30.4	30.2	30.4
21	25.6	25.1	24.6	24.3	**23.8**	24	25.6	28.7	29.3	29.9	29.8	30.4
22	25.5	25.2	25.6	25.3	**24.6**	**24.6**	25.6	27.5	28.8	29.7	30.5	30
23	25.7	25.6	**25.2**	**25.2**	25.3	**25.2**	26.3	28.2	28.9	28.9	30.6	32.3
24	26.7	25.6	**25.5**	**25.5**	**25.5**	**25.5**	26.2	28.9	29	30.8	30.8	31.4
25	26.8	25.9	25.9	25.5	25	**24.8**	26.8	29.2	29.6	30.2	31	31.6
26	25.5	25.2	25.2	24.7	**24.5**	**24.5**	26.3	28.1	29.1	29.8	30.5	31.3
27	24.8	24.2	23.6	23.3	22.9	**22.6**	25	27.5	28.5	29.4	30	31
28	25.9	25.5	24.9	24.1	**23.4**	23.8	27	28.7	29.4	30.7	30.2	31.3
29	25.1	24.6	24.3	24.1	23.7	**23.5**	26.8	28.2	29.2	30.1	30.5	31.5
30	24.4	24.3	24.1	23.9	**23.3**	**23.3**	25.8	28.5	29.5	30.2	30.1	31.6
Mean	24.7	24.4	24	23.6	**23.2**	**23.2**	25.2	27.5	28.8	29.4	30	30.8

ATMOSPHERIC PRESSURE, 700mm+.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
56.78	55.96	55.66	**55.44**	55.71	56.20	56.77	57.55	58.20	58.40	58.35	58	57.47
57.97	57.34	56.96	**56.84**	57.04	57.72	58.35	59.30	59.95	60.45	**60.50**	60.20	58.44
59.35	58.85	58.56	58.08	**57.99**	58.45	59.20	59.60	60.45	60.75	60.80	60.60	59.80
59.57	58.86	58.41	**58.24**	58.30	58.76	59.16	60	60.65	61.15	61.25	60.90	60.15
60.81	60.24	59.91	**59.74**	59.94	60.42	60.93	61.55	62.10	62.40	**62.65**	62.20	61.28
61.54	60.89	60.58	**60.39**	60.59	61.06	61.66	62.10	62.65	**63**	62.95	62.90	61.84
61.84	61.27	61.08	**60.97**	61.11	61.77	62.32	63	63.25	**63.60**	63.55	63.10	**62.50**
60.76	59.98	59.72	**59.71**	59.93	60.41	60.97	61.30	61.75	62.05	62.10	61.75	61.78
60.42	59.88	**59.61**	59.79	59.91	60.41	60.85	61.05	61.35	61.35	61.35	61.10	61
60.42	59.65	59.46	**59.25**	59.43	59.81	60.33	60.45	60.60	60.90	61.10	61.05	60.66
59.63	59.02	**58.81**	58.82	58.95	59.40	60.12	60.55	60.90	61.20	61.40	61.25	60.56
60.59	59.62	59.19	**58.96**	59.36	60.02	60.51	60.75	61.40	61.80	61.80	61.50	60.84
59.48	59.06	58.90	**58.72**	59.09	59.47	60.10	60.85	61.35	61.60	61.55	61.30	60.63
59.83	59.35	**58.67**	58.72	59.05	59.34	59.67	59.95	60.15	60.50	60.45	60	60.27
58.11	57.36	57.05	**56.90**	57.19	57.92	58.64	59.35	59.75	60.20	**60.40**	60.10	59.04
58.08	57.45	**57.05**	57.07	57.37	57.94	58.50	58.75	59.15	59.30	59.35	59	58.87
56.59	55.90	55.54	**55.36**	55.41	56.30	56.57	56.70	57.10	57.95	57.75	57.15	57.24
55.26	54.60	54.20	**53.90**	53.93	54.53	55.80	56.45	56.70	57	56.90	56.50	**55.94**
56.06	55.57	55.01	**54.79**	55.19	55.55	55.92	56.85	57.35	**57.95**	57.75	57.60	56.49
55.97	55.37	54.81	**54.31**	54.43	54.61	55.30	55.75	56.50	57	56.95	56.85	56.39
56.11	55.47	55.11	54.80	**54.66**	54.97	55.55	55.80	56.45	56.90	57.25	57	56.37
56.60	55.82	55.24	**54.95**	55	55.34	55.75	56.40	56.95	57.25	57.30	56.90	56.66
55.34	54.65	54.34	**54.17**	54.22	54.50	55.35	55.75	56.45	56.50	56.55	56.35	56.03
55.65	54.85	**54.47**	54.50	54.63	54.79	55.64	56.70	57.55	**58**	57.70	57.70	56.31
56.52	56.11	55.70	55.41	**55.35**	56	57.07	57.60	58.20	58.35	58.10	58	57.23
57.90	57	**56.72**	56.90	57.35	58.37	59.05	59.55	**59.90**	**59.90**	59.75	59.35	58.65
58.02	57.26	56.75	**56.44**	56.59	57.30	58.02	58.75	59.25	59.50	59.30	59	58.43
57.57	56.60	**55.86**	56.33	56.80	57.62	58.29	58.70	59.40	59.55	59.30	59.10	58.40
57.72	56.92	56.40	**55.96**	56.16	56.92	57.72	58.60	59.15	59.50	59.45	58.80	58.21
58.12	57.61	57.20	**56.96**	57.52	58.41	58.95	59.65	59.95	60	59.85	59.40	58.86
58.29	57.62	57.23	**57.08**	57.27	57.81	58.44	58.98	59.48	59.80	59.78	59.49	58.88

TEMPERATURE (°C.).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
31	31.2	**32**	31.6	30.5	28.3	27.6	27.2	27.1	26.4	26.2	25.9	27.2
32.6	**33.5**	33.4	33.3	32.3	30	28.2	27.5	27	26.5	25.9	25.2	28.3
32.3	32.2	32	**32.6**	32	30	28.2	27.6	27.3	26.8	26	25.5	27.8
30.5	31.2	**32.2**	31.8	30.7	28.9	28	27.2	27	26.7	26.5	26.4	27.8
27.9	**29.4**	28.1	28.4	27.6	26.6	26.1	25.7	25.3	25.2	24.7	24.5	**25.9**
29.2	28.9	28.8	29.2	28.1	26.9	26.5	26.3	25.9	25.8	25.3	24.5	26.5
30.6	30.5	29.3	29.1	29.6	27.5	26.7	25.8	25.6	24.4	24.1	23.5	26.3
32.3	31.7	31.7	30.7	29.5	28.4	27.6	26.7	26	25.5	24.6	23.8	27
29.1	**30.4**	30.2	28.7	29	28.4	27.3	26.3	25.8	24.7	24.3	24.2	26.3
29	30.5	29.8	**30.8**	30.5	28.9	27.3	26.8	26	25.4	25.6	24.9	26.5
32	**32.5**	30.4	31	30.7	28.8	27.5	26.3	25.9	24.8	24.3	24.7	27.1
28.2	29.5	**30.6**	30.4	30	27.3	26.4	25.8	25.5	25.3	25	24.3	26.6
33.3	33.2	**33.6**	32.5	31.5	29.2	28.1	27.1	25.7	24.8	**24.5**	23.5	27.5
30.4	30.5	**32.1**	29.5	26.8	26.6	25.8	26.2	25.9	25.3	25	24	26.5
32.4	**33**	32.3	30.6	30.1	28.5	27.2	26.2	25	24.8	24.2	23.6	26.8
30.9	**31.5**	**31.5**	30.7	30.2	28.1	26.6	25.8	25.3	24.5	24.1	23.8	26.2
31.5	30.5	32.1	**32.5**	**32.5**	30.2	28.5	27.4	26.6	26.7	27	26.2	27.9
32.1	32.5	**32.7**	31.5	30.1	29	27.8	24.4	24.2	24.3	24.1	24	27.4
31	30.7	30.7	30.5	29.6	28.4	27.9	27.6	27	24.8	24.7	25	27.2
30.6	31.4	**31.5**	31.1	30.5	28.3	27.8	27.5	27.4	27	26.2	26.1	27.5
30.7	**31.8**	31.1	31	30	28.2	27.6	27.4	27.5	27.5	26	25.4	27.7
31	31.2	**31.8**	30.8	29.8	28	27.6	27.4	27.4	27	26.1	25.7	27.8
32.4	**32.6**	31.5	31.4	30.2	28.5	28.1	27.7	27.9	27.7	27.1	26.5	28.3
32.2	**33.2**	32.5	31.7	30.3	29.1	28.6	28.3	27.5	26.8	27.3	26.9	**28.6**
32.3	30.7	32.2	**32.3**	32	30.2	29.1	28	27.4	27.2	26.8	26.1	**28.6**
31.7	**32.7**	32.1	31.6	29.7	29.7	27.3	26	26	26	25.4	25.2	27.8
31.9	32	**33**	32.8	31.1	29.4	28.5	27.8	27.1	26.9	26.1	25.8	27.7
32.4	33	**33.3**	32	28.8	26.3	26.3	26.2	26.1	26.2	26	25.7	27.8
31.6	32.4	32.8	**33**	32.4	29.9	28.9	28.1	26.8	25.7	25	24.4	28
32.1	**32.2**	30.2	30.9	29.8	29	28.5	27.5	26.9	26.1	25.5	24.6	27.6
31.2	**31.6**	31.5	31.1	30.2	28.6	27.6	26.9	26.4	25.9	25.5	25	27.3

RELATIVE HUMIDITY (%).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	89	89	93	**94**	93	**94**	84	81	78	71	69	66
2	89	**90**	89	89	**90**	88	82	73	64	60.5	58	54
3	83	86.5	87	87	90	**91**	82	71	62	**55**	56	60
4	81	84	87	88	**93**	91	86	80	70	72	69	69
5	84	82	86	90	93	94	**96**	**96**	91	87	81	79
6	86.5	88	**91**	88	90	88	85	71	68	62	68	65
7	89	88	87	**92**	**92**	**92**	86	76	64	74	62	63
8	84	85	**88**	**88**	**88**	**88**	79	64	56	51.5	**47**	49
9	87	87	89	90	**91**	90	83	76	75	76	**62**	69
10	89	90	**92**	91	**92**	**92**	87	76	73	70.5	72	70
11	75	82.5	84	87	**94**	93	84	71	63	66	64	58
12	83	81	84	87	88	**90**	83	74.5	64	68	69	69
13	85	91	92	**96**	95	95	87.5	77	74	71	66	49
14	83	82	86	87	87	81	81	72	68	64	64	58
15	90	94	94	95	94	**96**	82	71	71	69	68	63
16	83	86	90	90	**94**	92	86	75	61	61	55	53
17	**87**	84	79	84	85	86	74	77	68	65	62	65
18	83	84	87	87	90	90	79	70.5	65	69	65	62
19	97	96	97	**98**	**98**	**98**	93	79	76	70	71	69
20	91	93	**94**	93	93	93	81	76	68	66	62	61
21	83	84	86	86.5	**89**	86	81	70	66	61	61.5	63
22	84	**85**	78	79	83	80	78	73	70	68	66	67
23	85	86	**88**	87	87	87	83	76	76	74	66	57
24	87	88	90	89	90	**92**	91	80.5	76	62	62	62
25	83	85	85	85	84	**88**	80	72	75	69.5	68	66
26	85	87	85	88	**89**	**89**	82	75	68	67	66	61
27	87	90	**90.5**	90	89	89	79	74	72	66	67	62
28	79	81	83	85	**90**	87	75	69	64	63	64	58.5
29	88	90	91	91	92	**94**	80	74	71	68	67	61
30	87	87	89	91	94	**95**	84	74	70	69.5	73	63
Mean	85.6	86.9	88	89.1	**90.6**	90.3	83.1	74.8	69.6	67.2	**65**	62.4

VAPOR PRESSURE (mm).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	19.4	19.2	19.4	19.2	**19**	19.1	20	21.6	21.1	21.1	21.8	21.4
2	20.6	20.4	20.1	19.9	19.5	19.5	20.8	**21.3**	20.1	20.1	19.8	19.4
3	19.5	19.5	19	17.7	**17.5**	**17.5**	18.5	20.1	19.3	18.3	19.2	20.8
4	20	20.3	20.3	19.8	**19.7**	19.8	20.9	21.7	21.8	22.2	21.6	22.3
5	21.2	20.6	20.9	20.3	20.2	20.2	20.6	20.8	21.3	21.8	21.5	**21.9**
6	19.5	19.6	19.6	19.4	19.3	19.3	**19.8**	19.4	19	18.3	19.4	19.7
7	18.9	18.9	18.7	19	18.7	18.9	19	19.4	19.4	**19.8**	18.3	19.6
8	17.9	17.9	17.7	17.3	17.3	17.2	17.8	**16.9**	17.1	17	**16.9**	17.6
9	18.7	**18.5**	18.7	18.7	18.7	18.6	18.9	20.1	20.2	20.5	19.4	20.5
10	18.9	18.6	18.5	18.3	18.2	**18**	19	20.3	20.1	20.4	20.7	21.1
11	18.5	18.9	18.1	18	18.2	18	19.6	**19.8**	19.2	19.7	19.5	19
12	19.3	19.1	19.2	18.8	18.7	18.6	19.3	19.5	19.2	19.7	19.4	20.1
13	19.4	19.9	20.1	20.1	19.6	19.9	20.6	20.6	21.2	20.9	**21.4**	18.3
14	18.1	17.7	**17.5**	17.6	17.6	**17.5**	18.2	18.8	19.4	19.7	19.7	19.5
15	19.2	19.2	19	18.9	18.5	18.4	19.1	20.1	19.9	20.6	**20.9**	20.3
16	17.7	17.7	17.4	17.4	17.1	16.7	17.4	18.2	17.7	17.3	16.9	17.1
17	18.6	18.4	**17.7**	18.1	18.2	18.2	18.6	19.6	20.8	21.3	21.6	**22.5**
18	20.1	20.2	20	19.7	19.7	**19.5**	20.1	19.6	19.7	20.3	20.5	20.9
19	21.3	21.1	21.2	21.3	21.1	21.1	22.2	22.2	22.7	21.6	22.8	22.5
20	20.8	20.5	20.3	19.9	19.5	19.4	20.1	20.9	20.9	**21.4**	19.9	19.8
21	20.2	20	19.7	19.5	19.4	19.2	19.7	20.5	19.9	19.1	19.2	20.2
22	20.3	20.3	19.1	18.9	19.2	**18.4**	18.9	20	20.6	21	21.4	21.3
23	20.9	21	20.8	20.7	20.8	20.7	21.2	21.6	22.4	21.9	21.5	20.4
24	22.7	21.4	21.8	21.7	21.8	22.2	23	**23.8**	22.5	20.4	20.4	21.2
25	21.6	21	21	20.7	**19.8**	20.5	20.8	21.8	**22.9**	22.1	22.7	22.8
26	20.7	20.7	20.3	20.4	20.3	20.3	20.9	21.2	20.4	21	21.4	20.9
27	20.2	20.2	19.6	19	18.4	**18**	18.5	20.2	20.8	20.2	**21.3**	20.8
28	19.6	19.7	19.3	18.9	19.2	19.1	19.7	20.2	19.4	20.8	20.3	19.8
29	20.7	20.7	20.5	20.2	20.1	20.2	20.8	20.9	21.4	21.6	**21.8**	20.9
30	**19.7**	**19.7**	19.8	20	20	20.1	20.7	21.4	21.3	22.1	**23**	21.9
Mean	19.8	19.7	19.5	19.3	19.2	**19.1**	19.8	20.4	20.4	20.4	**20.5**	**20.5**

RELATIVE HUMIDITY (%).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
63	58	58	62	70	76	79	81	80	83	84	85	78.3
50	47	49	49	52	60	68	71	72	74	78	82	69.9
56	60	59.5	57	61	67	78	82	82	86	86	87	73.8
69	67	63	59	63	73	75	79	78	80	81	82	76.6
77	70	74	72	67	71	74	78	79	81	85	86	82.2
64	67	61	58	64	69.5	70.5	70	72	76	77	81	74.2
60	61	62	59	58	62	65	70	71	78	80	83	73.9
48	49	49.5	54	56	60	64	70	74	76	81	85	68.1
75	66	68	75	67.5	69	72	80	79	86	85	84	78.4
73	65	68	62	62	67	75	76	78.5	80	77	80	77.4
53	50	58	55	56	61	67	75	77	82	85	84	71.9
70	65	62	55	59	69	74	78	79	80	81	85	74.9
48	48	47	52	57	64	65	70	77	80	81	85	73
61	60	55	69	83	82	84	81	80	83.5	84	90	76.1
54	50	51	55	60	65	70	73	78	79	82	84	74.5
53	52	50	50	50	59.5	68.5	71	75	80	82	83	70.8
64	68	63	56	56	63	73	77	81	80	76	80	73
60	60.5	61	67	74	80	76	96	97	96	96	97	78.8
67	69	71	70	71	76	79	81	80	92	91	89	82.4
58.5	54	58	60	59	71	70	72	73	75	79	81	74.2
60	54	62	65	67	73	76	77	75	75	81.5	84	73.6
63	62.5	59	66	68	78	79	78	78	82	85	85	74.8
55	57	63	65	71	78	81	82	81	81	84	87	76.5
58.5	53	60.5	66	71.5	73	75	77	77	80	80	83	76
63	69	60	56	57	65	66	72	76	78	78	82	73.4
58	52	53	58	71	69	78	86	86	82	85	85	75.2
59	57	54	53	60	65	69	72	73	74	79	80	72.9
55	55	53	53	71	78	79	79	81	82	85	84	73.1
60	58	57	56	54	64	69	72	78	83	86	87	74.6
60	60	68	65	73	76	75	80	84	86	88	92	78.5
60.5	58.8	59.2	60	63.6	69.5	73.1	76.9	78.4	81	82.8	84.7	75

VAPOR PRESSURE.(mm).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
21.1	19.7	20.4	21.5	22.6	21.7	21.5	21.8	21.2	21.3	21.2	21.2	20.7
18.4	18.1	18.8	18.6	18.6	19	19.4	19.4	19	19.1	19.5	19.5	19.5
20.3	21.3	21	20.9	21.7	21	22.1	22.5	22.1	22.4	21.5	21	20.2
22.4	22.6	22.6	20.7	20.8	21.5	21.1	21.2	20.7	20.9	20.8	20.9	21.1
21.5	21.4	20.8	20.7	18.4	18.5	18.6	19.2	18.9	19.3	19.6	19.6	20.3
19.4	19.7	18.1	17.4	18.1	18.3	18.1	17.9	18	18.8	18.4	18.5	18.9
19.7	19.7	18.9	17.7	17.7	17	16.9	17.3	17.2	17.6	17.8	17.8	18.5
17.5	17	17.2	17.7	17	17.2	17.7	18.2	18.5	18.4	18.6	18.6	17.6
22.4	21.2	21.7	22.1	20	19.9	19.4	20.4	19.5	19.8	19.1	18.8	19.8
21.6	21.1	21.1	20.5	20.2	19.7	20.2	19.9	19.6	19.4	18.7	18.8	19.7
18.8	18.1	18.8	18.4	18.4	17.8	18.3	19	19.1	19	19.1	19.5	18.8
20	20	20.3	17.6	18.5	18.6	19	19.3	19.1	19.1	19.1	19.1	19.2
18.4	18.1	18.2	18.9	19.5	19.1	18.5	18.5	18.9	18.7	18.5	18.4	19.4
19.6	19.5	19.6	21.2	21.8	21.1	20.7	20.4	19.9	20	19.8	19.9	19.4
19.4	18.6	18.4	18.1	19.2	18.8	18.7	18.5	18.3	18.5	18.3	18.1	19
17.7	17.9	17.2	16.3	16.1	16.8	17.7	17.5	18	18.3	18.4	18.2	17.4
22	22.2	22.2	20.5	20.3	20.1	21	20.9	21	20.7	20.1	20.2	20.2
21.4	22	22.5	23	23.5	23.7	21	21.7	21.7	21.6	21.4	21.4	21
22.5	22.7	23.3	22.8	21.9	21.9	21.9	22.1	21.1	21.3	21	21	21.9
19.1	18.6	19.9	20.2	19.1	20.3	19.5	19.6	19.7	19.7	20.1	20.3	20
19.8	18.7	20.7	21.6	21	20.8	20.8	20.9	20.4	20.4	20.3	20.3	20.1
21.1	21.1	20.7	21.8	21.1	21.9	21.5	21.3	21.3	21.7	21.3	20.9	20.6
19.9	20.9	21.7	22.2	22.5	22.6	22.9	22.7	22.6	22.3	22.4	22.4	21.6
20.9	20.1	22	23.2	22.9	21.8	21.7	21.9	21	20.8	21.5	21.7	21.8
22.5	22.5	21.6	20.3	20.2	20.7	19.8	20.3	20.6	20.8	20.5	20.5	21.2
20.2	19	18.8	20	21.9	21.5	21.1	21.5	21.5	20.6	20.6	20.3	20.6
20.7	20.2	20	19.5	20.2	19.8	20	20	19.5	19.4	19.7	19.7	19.8
19.8	20.4	20	18.6	21	19.8	20	20.1	20.3	20.8	21.3	20.5	19.9
20.9	21	20.9	20.8	19.5	20.1	20.3	20.4	20.5	20.4	20.2	19.8	20.6
21.4	21.6	21.6	21.5	22.6	22.7	21.6	21.8	22.1	21.7	21.3	21.2	21.3
20.3	20.2	20.3	20.1	20.2	20.1	20	20.2	20	20.1	20	19.9	20

CLOUDS—FORM AND DIRECTION.

Day.	8 a.		9 a.		10 a.		11 a.		Noon.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu. E
2	Ci.	Cu.	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu.	Ci.	Cu.
3	Ci.	Cu. E	----------	Cu. E	----------	Cu. E	----------	Fr.-Cu. E	----------	Fr.-Cu.
4	----------	Cu.	----------	Cu. E	----------	Cu. E	Ci.	Cu. E	Ci.	Cu.
5	----------	N.	----------	Cu.-N. E	----------	Cu.-N. E	----------	Cu.-N. E	----------	Cu.
6	A.-Cu. E	Cu.	A.-Cu. E	Cu. E	Ci.-S.	Cu. E	----------	Cu.-N. E	----------	Cu.
7	----------	Cu.	----------	Cu. E	----------	Cu. E	----------	Cu. E	----------	Cu.
8	Ci.	Cu.	Ci.	Cu. E	----------	Fr.-Cu. E	----------	Cu. E	----------	Cu. E
9	Ci.	Cu.	----------	N.-cf. E	----------	N.-cf. E	A.-Cu.	Cu.	----------	N.-cf. E
10	Ci.	Cu.	Ci.	Cu.	----------	Cu. E	Ci.-S.	Cu. E	----------	Cu. E
11	----------	Cu.	----------	Cu.	----------	Cu. E	----------	Cu. E	----------	Cu. E
12	----------	Cu.	A.-Cu.	Cu. E	----------	N.-cf. E	----------	N.-cf. E	----------	N.-cf. E
13	----------	Cu.	----------	Cu. E	----------	Cu. E	----------	Cu.	----------	Fr.-Cu. E
14	Ci.	Cu.	A.-Cu.	Cu.	----------	Cu. E	Ci.	Cu. E	Ci.	Cu.
15	Ci.	Cu. E	----------	Cu. E	----------	Cu. E	----------	Cu. E	Ci.	Cu.
16	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.
17	Ci.	Cu. E	Ci.	Cu. E	----------	Cu. E	Ci.	Cu. E	----------	Cu. E
18	Ci.	Cu.	Ci.	Cu. NE	----------	Cu. NE	----------	Cu.	Ci.	Cu. E
19	----------	Cu.	----------	Cu. E	----------	Cu. E	----------	Cu. E	----------	Cu.
20	----------	S.-Cu.	----------	Cu. NEbyN	----------	Cu.	----------	Cu.	----------	Cu.
21	Ci.	Cu.	----------	Cu.	----------	Cu.	Ci.	Cu.	Ci.	Cu.
22	A.-Cu.	Cu.	A.-Cu.	Cu.	A.-Cu. E	Cu. E	A.-Cu. E	Cu. E	A.-Cu.	Cu.
23	A.-Cu.	Cu. E	A.-Cu.	Cu. E	----------	Cu. E	A.-Cu. NE	Cu.	----------	Cu.
24	Ci.	Cu. SE	Ci.	Cu.	Ci.	Cu.	----------	Cu.	----------	Cu.
25	Ci.	Cu.	Ci.	Cu. E	----------	Cu. E	----------	Cu. E	----------	Cu.
26	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.
27	Ci.	Cu.	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.
28	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.
29	Ci.	Cu.	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.
30	----------	Cu.	Ci.-S.	Cu.	----------	Cu. E	----------	Cu. E	----------	Cu. E

Day.	1 p.		2 p.		3 p.		4 p.		5 p.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1	Ci.	Cu.	----------	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.
2	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.
3	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.
4	----------	Cu.	----------	Cu.-N. ENE	----------	Cu. E	Ci.	Cu.	Ci.	Cu.
5	----------	Cu.	----------	Cu.-N. E	----------	Cu.-N. E	----------	Cu.-N. E	----------	S.-Cu.
6	----------	Cu.-N.	----------	Cu.-N. E	----------	N.-cf. E	----------	Cu. E	A.-Cu. NE	S.-Cu.
7	----------	Cu.	----------	Cu. E	----------	Cu.-N. EbyN	----------	Cu.-N. EbyN	----------	Cu.
8	Ci.	Cu.	----------	Cu. E	----------	Cu. E	----------	Cu. E	----------	S.-Cu. E
9	----------	Cu.-N. E	----------	N.-cf. E	----------	Cu.-N. E	----------	Cu.-N. E	A.-Cu.	Cu. E
10	----------	Cu.-N. E	----------	Cu. ENE	----------	Cu. ENE	----------	Cu.	----------	Cu.
11	----------	Cu.	----------	Cu. ENE	----------	Cu.-N. ENE	----------	Cu.	----------	Fr.-Cu.
12	----------	N.-cf.	----------	N.-cf. EbyN	----------	Cu. EbyN	----------	Cu. ENE	----------	S.-Cu. E
13	----------	Cu.	----------	Cu. EbyN	----------	Cu.	----------	Cu.	----------	Cu.
14	----------	Cu.	----------	N.-cf. E	----------	Cu.	----------	N.-cf. E	----------	N.-cf.
15	----------	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.
16	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.
17	----------	Cu. E	----------	Cu.-N. E	----------	Cu. ENE	Ci.	Cu.	Ci.-S.	Cu.
18	----------	Cu.	Ci.	Cu.	Ci.	Cu.	----------	Cu.	----------	Cu. E
19	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.
20	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.
21	----------	Cu.	----------	Cu.	----------	Cu.	Ci.	Cu.	Ci.	Cu.
22	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.
23	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.
24	----------	Cu.	----------	Cu.	Ci.	Cu.	----------	Cu.	----------	Cu.
25	----------	Cu.	----------	Cu.-N. E	----------	Cu. E	----------	Cu.	----------	Cu.
26	----------	Cu.	----------	Cu.	----------	Cu.-N. E, SE	Ci.	Cu.-N. SE	----------	Cu. SE
27	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.-N. E
28	----------	Cu.	----------	Cu.	----------	Cu.-N.	----------	Cu.-N. E	----------	Cu.-N. SE
29	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu. E
30	----------	Cu. E	----------	Cu.-N. E	----------	Cu.-N. E	A.-Cu.	Cu. E	A.-Cu.	Cu. E

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	Calm	Calm	Calm	E 0.5	E 0.5	Calm	Calm	ESE 1	WNW 2.5	W 2.5	WSW 2	SW 5
2	ESE 1.5	ESE 1.5	ESE 1	ESE 1	ESE 1	Calm	Calm	SE 2.5	ESE .5	ESE 3	SE 2	SE 2
3	SW .5	Calm	SW .5	SW .5	SW .5	Calm	Calm	Calm	SE 1.5	ESE .5	ESE 1	SSE 1
4	NNE 2.5	NNE 2	NNW 1.5	NNE 1.5	E 1.5	SE 0.5	Calm	SSE 1.5	ENE 1	WSW 2.5	WSW 2	W 3.5
5	Calm	N 2	N 2.5	NE 4.5	NNE 2.5	NNE 1	N 1.5	Calm	Calm	NNW .5	NNE 1.5	NNW 2
6	Calm	E .5	Calm	Calm	E .5	E .5	E .5	E .5	Calm	E 2	Calm	Calm
7	Calm	Calm	Calm	E .5	E 1	Calm	Calm	Calm	Calm	WNW 2	NW 2	WSW 1
8	E .5	Calm	NE 1	NE 1	NE 1	NE .5	Calm	Calm	NNE 1	NE 1.5	NE 6	ESE 1.5
9	Calm	Calm	Calm	NE .5	NE .5	NE 1	NE .5	Calm	W 2.5	W 2	WSW 2.5	SE 1.5
10	Calm	SE 1	SE .5	SE .5	SE .5	Calm	Calm	Calm	W 2	WNW 3	WSW 2	WSW 3
11	NE 2	ENE 1.5	NNE 2	NE .5	NE .5	Calm	Calm	Calm	SSE 1	SSW 2	W 1.5	NW 7.5
12	Calm	Calm	Calm	N 1.5	Calm	N .5	Calm	Calm	ENE 1	SW 3.5	W 1	WSW 3
13	E 2	Calm	Calm	ENE .5	ENE .5	Calm	Calm	Calm	W .5	WNW 1.5	WSW 3	E 7.5
14	NE 2	ENE 1.5	ENE .5	ENE .5	NE 1.5	NE .5	Calm	Calm	Calm	WSW 2.5	WSW 3.5	WbyN 2.5
15	Calm	Calm	Calm	ESE 1	Calm	Calm	Calm	ESE .5	WSW 1	SW 3	WSW 5	WSW 4
16	E 2	E 1.5	ENE 1.5	E 1.5	ENE 1.5	Calm	Calm	Calm	SE 1	SW 2.5	WSW 2	SSW 2
17	Calm	Calm	NNE 2	NNW 1.5	N 1.5	Calm	NNW 1	Calm	SSW 2	SSW 2	SW 2	SSW 2
18	N .5	NW 1.5	N .5	Calm	N .5	Calm	Calm	NNW .5	Calm	WSW 2.5	WSW 4	WSW 5
19	ENE .5	Calm	ENE .5	ENE .5	ENE .5	Calm	Calm	Calm	SSW 1	SW 2	WSW 3	WSW 4
20	NE 1	NE 1.5	NE 1	NE 1.5	Calm	Calm	Calm	NNE 2	NNW 4	WNW 4.5	WSW 4.5	W 2.5
21	E 1.5	Calm	E 1.5	NE 2.5	NE 1.5	NNE 1.5	NNE 2	NNW 4.5	WNW 2.5	NW .5	WbyS 5	WSW 4.5
22	NE 1.5	NE .5	NNW 2.5	NNE 3	NE 2.5	NNE 2	NNE 3	NNW 4	NNE 3	NW 1.5	WNW 2	W 2.5
23	SSE 2	SSE 1.5	SSE 2	SE 1.5	SE 2	SE 1	Calm	NE 1.5	NE 1	Calm	WSW 1.5	SE 1.5
24	S 1.5	E 2.5	E 1.5	E 1.5	E .5	Calm	Calm	ESE .5	ESE 1	SSW 2	WSW 1.5	WSW 1
25	Calm	NNW 1.5	NNE 2	NNE 2.5	NNE 1	Calm	Calm	Calm	SSW 1	WSW 3	WNW 3	W 4
26	Calm	NNE 1	NNE 2	NNE 2	NNE 1.5	NNE .5	Calm	Calm	WSW 3	WSW 3	WSW 3.5	WSW 4
27	N .5	NE .5	Calm	NE .5	NNE 1	N .5	Calm	Calm	SW 1	WNW 2	WSW 4	WSW 2.5
28	SE 2	SE 2	E 2	NE 1.5	NE 2	Calm	Calm	Calm	W 4	W 3.5	W 4.5	WNW 5
29	NE 1	NE 1	NE 1	NE 2	NE 1.5	Calm	Calm	WSW .5	WSW 2	W 2.5	WSW 3	W 2.5
30	NNE 2	Calm	N 1.5	NNE 1	Calm	NEbyN 1.5	Calm	Calm	WNW 1.5	WSW 3	W 3.5	W 2.5
Mean	0.9	0.8	1	1.2	1	0.4	0.3	0.6	1.4	2.2	2.7	3

Day.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Mid-night.	Mean.
1	SW 3	SW 5	SW 1.5	SW 3	SW 2	swbyW 2	SSW 2	S 4	SE 3	SE 2	SSE 2	SSE 2	1.9
2	SE 3.5	SSE 2	SSE 3.5	SE .5	SE 3	ESE 2	SE 3	SE 2.5	SSE 2.5	SE 2	Calm	Calm	1.7
3	SSW .5	SW 1	NW 3	SW 2	SW 1	SSW 2.5	SSW 4.5	SSW 4	SSW 1.5	S 1	Calm	Calm	1.1
4	WSW 3	WSW 1.5	S 1	SE 2.5	SE 5.5	SE 1.5	SE 4	SE 2.5	SE 2	SE 2	SE 1.5	SE .5	2
5	NNW 4	NNW .5	NE .5	NE 1	E 1	E 1	E 1	E 1.5	E 1	E 1	Calm	Calm	1.3
6	ESE 3.5	ENE 2	ENE 7	ENE 4	ENE 7	ENE 2.5	ENE 1.5	E 4	E 2	E 2	E 2	ESE 1.5	1.8
7	ESE 6	E 2.5	E 4.5	NE 2.5	ENE 4	E 2.5	E 8.5	ESE 2.5	E 2	E 1.5	E .5	Calm	1.6
8	E 1	NE 1.5	E 3.5	ENE 1.5	NE 4	ENE 2.5	ENE .5	NE 2	ENE 1.5	NE .5	Calm	Calm	1.4
9	NE .5	E 2.5	NW 2.5	Calm	ENE 4	ENE 1	E 2	ESE 2	ESE 2	ESE 1	SE 1.5	SE 2	1.3
10	SW 4	SE 6	ESE 3	ESE 5	E 2.5	E 1	E .5	E 2.5	E 2	ENE 2.5	ENE 2	ENE 1.5	1.9
11	ENE 3	E 3	E 5.5	E 5	ENE 4.5	NE 5	ENE 2	NE 2	NE 1.5	Calm	Calm	Calm	2.1
12	WSW 2	W 1	Calm	NNE 5	NNE 4	NNE 4	N 1	N 1.5	NNE 1.5	N 1.5	N 1.5	N .5	1.4
13	E 5	E 4.5	E 5.5	ENE 7	E 1	ESE 3	NE 2.5	NNE 2.5	NNE 2.5	NE 2	Calm	Calm	2.1
14	WNW 3	ESE 3	E .5	NE 2	E 3	NE 2.5	E 1	ESE 3	ESE 2	ESE 2	ESE 1.5	Calm	1.6
15	ESE 5.5	ESE 5.5	ESE 7.5	SE 7.5	ESE 5	ESE 2.5	ESE 1.5	E 3	E 2	E 2.5	E 2	E 2	2.5
16	SE 1	SE 4.5	SE 5.5	E 2.5	NE 2.5	NE 2.5	Calm	ESE 1.5	ESE 1.5	ESE 1.5	Calm	Calm	1.6
17	SW 2.5	SW 1	SW .5	SE 6	NE 3.5	N 5	Calm	Calm	Calm	NW 1.5	NNW 2	N .5	1.5
18	SW 2.5	SW 5	SW 4.5	SW 6	SW 5.5	S 2.5	SSE 5	SSE 1.5	ESE 2	E 1	E .5	ESE .5	2.1
19	WbyS 3	WSW 3	SW 5.5	SW 3	SW 2	SW 4.5	SSW 1	SSW 1.5	SSE 2	NE 2	NE 1	NE 1	1.7
20	WSW 3.5	WSW 2.5	WSW 3.5	WSW 4	SW 3.5	SW 3	SW 4.5	SW 4	SW 2.5	SE 2	SE 2	E .5	2.4
21	SW 2	SW 4	SW 3.5	SW 6	SW 8	SW 5	SW 6	SW 3	SW 2.5	S 2.5	S 1.5	Calm	3
22	WSW 4.5	WbyS 4	WbyS 3.5	WSW 1.5	WSW 2.5	SW 4	SW 5.5	SSW 4	SSW 4	S 2	SSE 1.5	SSE 2	2.8
23	WSW 2.5	WSW 3	WSW 4.5	swbyw 7	SW 5.5	SW 6.5	SW 4.5	SW 3.5	WSW 3.5	S 3	Calm	S 1.5	2.5
24	WSW 1	SW 2	WSW 6.5	SW 6	SW 6	SW 5	SW 5	SW 4	SW 4.5	SW 2	SSW 1.5	Calm	2.4
25	W 4	NNE 4	NNE 1	NNE 3.5	Calm	Calm	Calm	SE 2	SE 2	ESE 2	SE 2.5	N 2	1.7
26	W 2.5	WSW 3.5	WSW 3.5	N .5	SW 3.5	SW 1	N 1	Calm	Calm	Calm	Calm	Calm	1.5
27	WSW 4	W 2	SW 2	SE 6.5	SE 4.5	ENE .5	ESE .5	ESE 2	SE 2.5	ESE 2.5	ESE 2	ESE 2.5	1.8
28	W 4.5	W 1.5	WNW 1	NE 5.5	SE 2.5	SSE 2	SSE 1	Calm	Calm	Calm	SE .5	NNE 2	2
29	WSW 2.5	W 4	W 2.5	WSW 1.5	SSE 5	SE 7.5	SE 1.5	ESE 2.5	NNW 2	NNE 2	NNE 2	N 3	2.2
30	W 2.5	W 1	Calm	SE .5	Calm	ENE 2	ENE 1	WNW 1	NW 1.5	NNW 1.5	NNW 2	NNW 1.5	1.3
Mean	3	2.9	3.2	3.6	3.5	2.9	2.2	2.3	2	1.6	1.1	0.9	1.9

WIND—VELOCITY IN KILOMETERS PER HOUR.

Day.	Mdt.-1 a.	1-2 a.	2-3 a.	3-4 a.	4-5 a.	5-6 a.	6-7 a.	7-8 a.	8-9 a.	9-10 a.	10-11 a.	11-Noon.
1	0.5	1	2.5	2.5	4	4	2.5	3	4	6.5	14	14
2	4.5	4.5	4.5	2	3.5	2.5	2	6	8	6.5	10	13
3	1.5	2.5	.5	2	1	2.5	1.5	2	6	8	9	9
4	7	7	0	1	0	4	1	3.5	1.5	8	18	13
5	.5	4.5	7	16	8.5	6.5	.5	5.5	0	5	4	7
6	0	0	0	0	1.5	2.5	1.5	2.5	4	4	12	2
7	4	1	0	2	1	2.5	3.5	2	1	9	14	6
8	2.5	4	3	1.5	3.5	4.5	1.5	2	5.5	9.5	17	8.5
9	0	0	0	0	0	0	0	1.5	8	10	12	10
10	2	3	.1	2	2.5	1	1.5	1	9	9	13	10
11	7	3	6	1	0	0	0	0	1	6	16	15.5
12	0	0	0	1	3	2	1.5	1.5	1	3	14	14
13	2	0	0	0	1	0	0	0	6	8	10	15
14	2	4	2	0	2.5	1.5	1	1	2	2	17	13
15	1	1	2	2	3.5	1.5	1	2	5	11	14	14
16	7	6	4	5	4	4	3	2	2	7	13	11
17	0	1	2	3	0	0	2	1	2	7	16	11
18	.5	2	0	0	0	0	0	2	1	9.5	14.5	15
19	2	1	3	3	2	3.5	1.5	2	3	7	11.5	13
20	.5	.5	.5	0	0	0	.5	2.5	6	10.5	13.5	15
21	3.5	3	2	6.5	6.5	4	7	9.5	13.5	7	18	14
22	6.5	1	8.5	11	10	7	8	10	8	3	15	15
23	5.5	5.5	4	6.5	5.5	4	2	4.5	3	3.5	4	9
24	5	7	6	3	3	2.5	1.5	5	7	7	9	10
25	2.5	3	7	3.5	5.5	0	0	0	1	9	14	15
26	1.5	1	3.5	6.5	6	4	3.5	0	4	12.5	12	15
27	0	0	0	0	0	1	.5	.5	4	11.5	13.5	15
28	9	7	5.5	5	5.5	5	4	4.5	6.5	14	19	17
29	5	5	3	5	4	1	2.5	2.5	7	10	13	15.5
30	7.5	5.5	2.5	1.5	1	0	0	0	7	7.5	15.5	14
Mean	3	2.8	2.7	3.1	3	2.4	1.8	2.6	4.6	7.7	13.2	12.3

AMOUNT OF CLOUDS (0–10).

Day.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	Mean.	Sunshine.
														h. *m.*
1	5	7	8	7	6	8	3	2	2	2	2	3	4.6	8 25
2	5	5	5	4	3	4	2	2	2	2	2	3	3.2	10 35
3	2	1	1	1	2	2	1	2	1	1	0	3	1.4	10 30
4	5	1	6	2	2	2	3	8	4	3	3	5	3.7	7 35
5	10	10	10	10	10	10	10	9	10	10	10	10	9.9	0 10
6	10	5	8	10	10	10	10	9	8	8	8	9	8.8	1 00
7	5	1	4	5	8	7	7	7	8	8	3	6	5.8	4 30
8	7	4	5	5	4	6	5	5	4	8	10	10	6.1	7 10
9	9	5	8	8	6	9	9	9	9	9	6	5	7.7	3 10
10	5	2	2	2	8	6	9	7	6	3	4	3	4.8	5 40
11	2	1	1	5	7	6	6	3	5	3	1	4	3.7	8 25
12	9	8	6	10	10	10	10	7	4	4	10	3	7.6	2 10
13	4	2	5	7	4	4	4	3	3	3	2	1	3.5	9 10
14	10	7	7	3	6	3	9	10	9	10	10	10	7.8	3 50
15	7	2	2	2	4	4	3	3	3	4	4	5	3.6	8 35
16	8	7	6	8	7	10	9	9	9	9	7	7	8	2 15
17	4	2	6	5	6	7	5	8	4	6	7	5	5.4	7 25
18	4	5	6	9	7	4	3	3	2	3	4	9	4.9	7 35
19	3	3	3	4	2	3	3	2	2	1	1	4	2.6	10 15
20	2	2	5	3	3	3	2	2	2	1	1	2	2.3	10 55
21	2	2	3	2	2	3	2	2	2	1	1	3	2.1	10 35
22	8	8	10	10	9	7	2	2	2	1	1	1	5.1	7 10
23	7	5	5	4	4	2	2	2	2	2	2	2	3.2	9 15
24	7	6	6	5	3	3	2	2	2	3	3	3	3.8	9 40
25	7	2	4	3	3	3	4	7	4	3	4	7	4.2	10 20
26	1	1	1	2	2	3	3	3	5	8	7	7	3.6	9 15
27	1	1	2	2	2	3	2	2	2	3	5	6	2.6	10 20
28	1	1	2	2	2	2	2	3	3	8	9	9	3.7	10 05
29	1	4	3	1	2	2	2	3	3	3	5	8	3.1	10 45
30	3	2	3	4	5	5	5	9	8	8	9	9	5.8	7 35
Total														224 20
Mean	5.1	3.7	4.8	4.8	5	5	4.6	4.8	4.3	4.6	4.7	5.4	4.8	7 20

WIND—VELOCITY IN KILOMETERS PER HOUR.

Noon–1 p.	1–2 p.	2–3 p.	3–4 p.	4–5 p.	5–6 p.	6–7 p.	7–8 p.	8–9 p.	9–10 p.	10–11 p.	11–mdt.	Mean.
12.5	13	14.5	11	16	**18.5**	16.5	13	11	8	6.5	6	8.5
14	13	10	12	**14**	**14**	11	12	8	8	1.5	3	7.8
11	13	13	7	3.5	8.5	12	**14**	9	4	1	1	5.9
12	11	7	15	15	13	10	11	9	7	6	5	7.7
14	7	4.5	1.5	8	6.5	3.5	4	4	3	.5	.5	5.1
12	13	16	**20**	18	13	12	14	8	7	8	6	7.4
14	14	6	**19**	**19**	**19**	13	8	7	3	1	1.5	7.1
11.5	15	**17.5**	14.5	16	11	6.5	7.5	2	1.5	0	0	6.9
10	**13**	6.5	6.5	**13**	**13**	9	6	8	3.5	2.5	6	5.8
12	**18**	**18**	**18**	17	13	8	8	7	8	8	6	8.2
10.5	21	**22**	20	21	17	12	7	5	0	0	0	8
11	8	8	17	**19**	18	7	3	2	0	1	1	5.7
20	20	**23**	18	12	9	14	10	7	6	5	0	7.8
16	10	11	11	10	11	8	10	8	5	5	1	6.4
11	18	19	**21**	20	17	13	12	8	9	7	7	9.2
9	11	**19**	15	13	13	5.5	4.5	3	3	1.5	.5	6.9
13	10	7	6	10	11	7.5	1.5	0	1	4	2.5	**4.9**
16	19	19	**23**	21	15	11	11	5	4	4	4	8.2
15	16.5	21	22	21	**22.5**	16	8	4	9	1	1	8.7
13	13.5	15	18	**20.5**	19	16	17	13.5	6	5	4	8.8
15	16	17	21	25	24	**26**	18	13	8	4	3	**11.9**
15.5	15	13.5	16	15	18.5	**22**	18.5	14	7.5	5	6.5	11.2
8	10	18	22	23	**24**	23	21	14	13	9	5	10.3
11	10	12	21	**23**	21	**23**	19	14	12	8	2.5	10.1
15.5	16.5	**18**	12.5	7	4.5	9.5	6	7	8	8	7	7.5
13	**15**	**15**	8.5	8.5	8	8	0	0	0	0	1	6.1
13.5	14.5	12	14	**16**	12.5	10.5	9	9.5	11	8	8.5	7.7
15	16	13	14	17	15	9	3	1	1	2.5	5.5	8.9
15.5	14.5	13.5	11	11	14.5	**15.5**	11	3.5	7	4	6.5	8.4
16	12	6.5	5.5	8	5	4	4	4	6	6	5	6
13.2	13.9	13.8	14.7	**15.4**	14.3	12.1	9.7	7	5.6	4.1	3.6	7.8

FREQUENCY OF THE WIND.

Day.	N.	NNE.	NE.	ENE.	E.	ESE.	SE.	SSE.	S.	SSW.	SW.	WSW.	W.	WNW.	NW.	NNW.	Calm.	Total wind velocity.	Atml-dom-eter.	Rain-fall.
																		Kms.	*mm.*	*mm.*
1					2	1	2	2	1	1	6	2	1	1			5	205	5	
2						8	9	3									4	187.5	**6.9**	
3						2	1	1	1	5	7				1		6	142.5	5.9	
4		3		1	1		10	1	1			4	1			1	1	185	4.7	
5	3	3	3		6											4	5	122	**3.3**	5.5
6				6	10	2											6	177	4.9	
7			1	1	9	2						1		1	1		8	170.5	5.2	
8		1	10	4	3	1											5	166	6.5	
9			5	2	2	3	3					1	2		1		5	138.5	3.8	
10				3	5	2	5				1	2	1	1			4	196	5.3	
11		1	6	4	3			1		1			1		1		6	191	6.4	
12	7	4		1							1	2	2				7	136	3.9	.5
13		2	2	3	6	1						1	1	1			7	186	**6.9**	
14			5	3	3	5						2		2			4	154	4.4	
15					5	8	1				1	3					6	220	6	
16			2	2	4	3	4			1	1	1					6	166	5.7	
17	2	1	1		1		1			3	4				1	3	7	**118.5**	5.4	
18	3				2	2		2	1		5	3			1	1	4	196.5	3.8	**33.8**
19			3	4				1		3	5	3	1				4	209.5	3.6	6.1
20		1	4		1		2				5	4	2	1		1	3	210	5.4	
21		2	2		2				2		9	1	1	1	1	1	2	**284.5**	5.7	
22		4	3					2	1	2	2	3	3	1	1	2		270	5.2	
23			2				4	3	2		4	6					3	247	5	
24					4	2			1	2	8	4					3	242.5	5.6	
25	1	6				1	3			1		1	2	1		1	7	180	5.5	
26	2	5									2	6	1				8	146.5	4.6	.3
27	2	1	2	1		5	3				2	3	1	1			3	185	6.3	
28		1	3		1		4	2					5	2			6	214	5.7	
29	1	2	5			1	2	1				5	4			1	2	201	5.8	
30	1	2	1	2			1					1	4	2	1	3	6	144	4.1	
Total	22	39	60	37	70	49	55	19	10	19	63	59	33	15	9	18	143	5,592	156.5	46.2
Mean	0.7	1.3	2	1.2	2.3	1.6	1.8	0.6	**0.3**	0.6	2.1	2	1.1	0.5	**0.3**	0.6	**4.8**	186.4	5.2	1.5

EXTREME VALUES.

Day.	Maxima.						Minima.					
	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.
	mm.		°C.		*Per cent.*	*mm.*	*mm.*		°C.		*Per cent.*	*mm.*
1	758.99	9.00a.	33.2	3.10p.	94	22.6	755.40	4.15p.	22	5.50a.	58	19
2	60.60	10.15p.	34.4	3.10p.	90	21.3	56.65	3.20p.	23.2	5.25a.	47	18.1
3	61.04	9.00a.	33.5	4.45p.	91	22.5	57.95	5.25p.	21.6	5.25a.	55	17.5
4	61.52	9.00a.	33.4	3.10p.	93	22.6	58.20	4.10p.	23	5.10a.	59	19.7
5	62.75	10.45p.	**30.5**	1.35p.	96	21.9	59.70	3.45p.	23.2	6.45a.	67	18.4
6	63.05	10.05p.	31	0.30p.	91	19.8	60.39	4.00p.	23	4.45a.	58	17.4
7	**63.70**	10.35p.	32.5	1.10p.	92	19.8	**60.85**	3.30p.	22.3	5.15a.	58	16.9
8	63.49	8.00a.	34.1	1.05p.	88	18.6	59.65	3.45p.	21.4	5.45a.	47	16.9
9	62.23	9.00a.	32.5	1.30p.	91	22.4	59.55	3.10p.	22.4	4.35a.	62	18.5
10	62.07	9.00a.	32.2	1.40p.	92	21.6	59.15	3.35p.	21	5.40a.	62	18
11	61.80	8.45a.	34	2.25p.	94	19.8	58.81	3.00p.	21.5	5.50a.	50	17.8
12	62.05	8.30a.	32.9	3.10p.	90	20.3	58.96	4.00p.	22.5	5.55a.	55	17.6
13	61.90	8.50a.	34.8	1.05p.	96	21.4	58.72	4.00p.	22.5	5.05a.	47	18.1
14	61.71	9.00a.	33.3	2.50p.	90	21.8	58.67	3.00p.	21.7	3.40a.	55	17.5
15	60.40	11.00p.	34.1	1.40p.	96	20.9	56.80	3.45p.	21.4	5.45a.	50	18.1
16	60.16	9.00a.	32.5	2.20p.	94	**18.4**	57.05	3.00p.	**20.4**	6.15a.	50	**16.1**
17	58.95	8.15a.	34.4	4.35p.	87	22.5	55.36	4.00p.	22.7	5.40a.	56	17.7
18	**57.30**	0.10a.	33.8	2.55p.	97	23.7	**53.75**	4.25p.	22.9	6.05a.	60	19.5
19	57.95	10.00p.	32.4	2.50p.	98	23.3	54.75	3.55p.	23	5.35a.	67	21
20	58	9.20a.	32.8	2.25p.	94	21.4	54.20	4.15p.	22.5	5.40a.	54	18.6
21	58.10	9.10a.	32.7	2.10p.	89	21.6	54.60	4.45p.	23.7	5.45a.	54	18.7
22	58.05	8.35a.	32.8	3.05p.	85	21.9	54.90	4.30p.	24.2	5.40a.	59	18.4
23	57.85	8.10a.	33.9	1.35p.	88	22.9	54.10	4.30p.	24.7	5.55a.	55	19.9
24	58.10	9.45p.	35	2.40p.	92	**23.8**	54.47	3.00p.	**25.2**	5.25a.	53	20.1
25	58.66	9.00a.	33.7	1.35p.	88	22.9	55.10	4.20p.	24.5	5.55a.	56	19.8
26	59.95	9.05p.	34.2	2.50p.	89	21.9	56.65	2.55p.	24.3	5.40a.	52	18.8
27	59.70	8.30a.	34.2	3.35p.	90.5	21.3	56.30	4.30p.	22	5.40a.	53	18
28	59.85	9.10a.	35	3.35p.	90	21.3	55.86	3.00p.	23.2	5.10a.	53	18.6
29	59.75	8.45a.	34.2	4.40p.	94	21.8	55.85	4.15p.	23.2	5.50a.	54	19.5
30	60.35	8.10a.	33.7	1.55p.	95	23	56.96	4.00p.	23	5.20a.	60	19.7
Mean	760.33	.....	33.4	.....	91.8	21.6	756.98	.....	22.7	.....	55.5	18.5

DAILY GENERAL REMARKS.

1____Cloudy weather.
2____Do.
3____Convergence of Ci. toward SE in the morning.
4____☾ N in the evening.
5____d, ●° in the morning.
6____d°, somewhat gusty ENE winds in the afternoon.
7____Somewhat gusty Ely winds in the afternoon; ☋ in the evening.
8____Somewhat gusty NE winds in the forenoon.
9____≡° in the morning; p°, d° in the afternoon.
10____d° in the afternoon.
11____Cloudy weather.
12____d° in the afternoon.
13____d in the early morning; ◠ in the morning.
14____◹° NE quadrant, d° in the afternoon.
15____Somewhat gusty SEly winds in the afternoon.
16____☌ early in the morning; convergence of Ci. toward N, ☋ in the evening.
17____d° 1.40 p. m.; ☾ NW in the evening.
18____Convergence of Ci. toward E in the afternoon; ◹² NE quadrant, ●² in the evening.
19____☾ N in the evening; ● at night.
20____Fair weather.
21____Somewhat gusty SW winds in the afternoon.
22____☾ NNW in the evening.
23____Somewhat gusty SWly winds in the afternoon.
24____As yesterday.
25____◹ NE in the afternoon.
26____◹ NE in the afternoon; ☾ N, ●° in the evening.
27____┬° NNE at 4.25 p. m.
28____◹ NE and SE quadrants in the afternoon.
29____☾ N in the evening.
30____◹ NE quadrant, p° in the afternoon.

OBSERVATIONS FOR MAY, 1916.

ATMOSPHERIC PRESSURE, 700mm+.

Day.	1 a.	2 a	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	59	58. 80	58. 65	58. 70	58. 90	59. 40	59. 85	60. 26	**60. 47**	60. 43	60. 12	59. 46
2	58. 45	58. 25	58	58	58. 10	58. 40	59. 04	**59. 24**	59. 22	58. 96	58. 43	57. 78
3	58	57. 55	57. 40	57. 35	57. 35	57. 63	58. 32	58. 69	58. 74	58. 36	58. 19	57. 81
4	58. 15	57. 60	57. 25	57. 30	57. 30	57. 81	58. 60	58. 95	58. 94	58. 67	58. 48	58. 01
5	57. 80	57. 40	57. 25	57. 40	57. 65	58. 03	58. 51	58. 77	58. 93	58. 81	58. 32	57. 76
6	58	57. 65	57. 55	57. 55	58. 20	58. 13	58. 49	58. 69	**58. 92**	58. 68	58. 25	57. 96
7	57 35	57. 15	57	56. 95	57. 30	57. 44	57. 89	58. 54	58. 58	58. 52	58. 28	58. 06
8	57. 95	57. 75	57. 75	57. 80	58. 25	58. 80	59. 46	59. 70	59. 64	59. 49	59. 55	59. 11
9	59. 05	58. 75	58. 60	58. 65	59. 20	59. 31	59. 91	60. 28	**60. 40**	60. 24	60. 02	59. 49
10	59. 60	58. 90	58. 60	58. 50	58. 85	59	59. 45	59. 80	**60. 12**	59. 92	59. 64	59. 17
11	58	57. 70	57. 40	57. 60	57. 75	58. 24	58. 59	58. 73	58. 88	58. 71	58. 42	58. 06
12	58. 05	57. 85	57. 80	57. 80	58. 10	58. 48	58. 98	59. 10	59. 12	59. 12	59. 08	58. 42
13	58. 15	57. 40	57. 30	57. 50	57. 75	58. 22	58. 52	58. 63	58. 76	58. 68	58. 47	58. 06
14	57	57	56. 75	56. 70	56. 80	57. 33	57. 47	57. 53	58. 05	**58. 14**	57. 84	57. 33
15	57	56	55. 55	55. 65	56. 05	56. 63	57. 20	57. 55	57. 73	57. 54	57. 22	56. 66
16	58. 60	58. 20	58	58	58. 20	58. 52	59	59. 48	59. 50	59. 53	59. 39	59. 13
17	60. 55	60. 15	59. 85	59. 45	59. 50	59. 67	60. 39	60. 80	**60. 89**	60. 88	60. 62	60. 07
18	**59. 90**	59. 25	59. 25	59. 15	59. 20	59. 28	59. 39	59. 48	59. 47	59. 25	58. 97	58. 52
19	58. 30	58. 05	57. 95	57. 95	58. 10	58. 59	58. 86	**59. 09**	58. 99	58. 92	58. 42	57. 94
20	58. 20	58. 10	57. 90	57. 70	57. 90	58. 09	58. 38	58. 58	59. 01	58. 79	58. 46	58. 06
21	58. 30	58. 05	57. 65	57. 60	57. 70	57. 84	58. 33	58. 64	58. 54	58. 39	58. 06	57. 54
22	57. 80	57. 65	57. 40	57. 30	57. 30	57. 71	58. 29	58. 59	58. 39	58. 08	58. 01	57. 62
23	57. 85	57. 40	57. 15	57. 25	57. 60	58. 19	59. 04	**59. 12**	58. 94	58. 59	58. 35	57. 98
24	57. 55	57. 20	57. 20	57. 40	57. 80	58. 10	58. 65	58. 80	**59. 02**	58. 84	58. 62	58. 04
25	57. 90	57. 80	57. 50	57. 60	57. 90	58. 37	58. 92	58. 88	**59. 08**	58. 96	58. 76	58. 05
26	57. 75	57. 40	57. 20	57. 15	57. 50	57. 81	58. 01	58. 05	**58. 14**	58. 02	57. 59	57. 08
27	56. 70	56. 45	56. 20	56. 20	56. 40	56. 87	57. 32	**57. 55**	57. 34	57. 07	56. 66	56. 05
28	56. 30	55. 65	55. 65	55. 70	55. 90	56. 20	56. 69	57. 24	57. 32	57. 36	56. 80	56. 16
29	56. 75	56. 25	55. 80	55. 95	56. 10	56. 40	56. 82	57. 26	56. 94	56. 46	56. 12	55. 69
30	57. 35	56. 70	57. 20	57. 45	57. 95	58. 20	58. 58	58. 70	**58. 88**	58. 74	58. 33	57. 64
31	58	57. 70	57. 65	57. 60	57. 55	57. 59	58. 18	58. 29	58. 37	58. 46	58. 16	57. 85
Mean	58. 04	57. 67	57. 50	57. 51	57. 75	58. 07	58. 55	58. 81	**58. 88**	58. 73	58. 44	57. 95

TEMPERATURE (°C.).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	24. 4	24. 1	23. 8	23. 3	23. 1	**23**	25. 3	28. 5	29. 6	29. 7	29. 4	30. 8
2	23. 8	23	22. 8	22. 7	22. 6	**22. 4**	25. 4	28. 8	30. 4	31. 3	31. 8	32. 6
3	24. 9	24. 8	25. 6	25. 6	25. 2	**24. 7**	26. 1	27. 7	29. 8	30. 8	30. 3	31. 8
4	**24. 1**	**24. 1**	**24. 1**	24. 3	24. 2	24. 2	25. 2	26. 4	28	29. 4	29. 6	30. 3
5	24. 2	23. 7	23. 3	23. 1	22. 7	**22. 6**	26. 6	28. 8	30. 4	30. 5	31. 2	30. 6
6	24. 1	25. 1	24. 6	24. 4	**23. 5**	23. 9	26	28. 8	30	30. 4	29. 8	**31. 8**
7	24. 9	24. 2	23. 5	**23. 1**	23. 8	23. 7	27. 3	28. 5	29. 8	29. 2	28. 5	29. 8
8	24. 2	24. 1	24. 2	23. 7	**23. 6**	**23. 6**	24. 8	28. 6	30. 6	29. 6	28. 1	28. 7
9	25. 3	24. 7	23. 7	23. 5	**23**	23. 2	25. 4	26. 2	27. 8	28. 7	29. 1	31. 3
10	25. 2	25	24. 2	23. 6	23. 3	**23. 2**	25. 3	27. 9	28	27. 5	28. 3	27. 6
11	24	23. 7	23. 6	23. 4	**23. 3**	23. 7	26. 6	29. 3	29. 3	30. 5	31	31. 9
12	25. 5	**25. 1**	**25. 1**	25. 2	25. 2	25. 2	26. 3	27. 5	28. 9	30. 4	31. 8	31. 8
13	25. 8	25. 3	25	25. 1	24. 9	**24. 8**	26. 8	29. 3	30. 1	29. 8	30. 2	**30. 7**
14	25. 2	25. 1	25	25. 6	25. 1	**24. 8**	25. 3	26. 9	28. 1	28. 7	29. 8	**30. 2**
15	25. 4	25. 3	24. 7	24. 3	**23. 9**	24. 4	25. 3	27. 4	28. 5	29. 7	29. 9	31. 7
16	24. 8	24. 9	24. 4	24. 1	23. 9	**23. 7**	24. 4	26. 6	28. 2	28. 8	**30**	29. 2
17	23. 7	23. 4	23. 2	23	22. 8	**22. 7**	23. 4	24. 9	27. 2	27. 4	28. 5	29. 2
18	25. 4	25. 3	24. 7	24. 4	23. 5	**23. 4**	27. 4	29	30. 1	29. 8	30. 1	32. 3
19	23. 8	23. 6	23. 4	22. 9	**22. 6**	22. 9	26	29	30	29. 8	30. 7	31. 4
20	25. 6	25. 5	25. 3	25	24. 7	**24. 4**	27. 1	29. 5	28. 3	30. 3	32. 2	**32. 8**
21	25. 7	25. 4	24. 9	24. 6	24. 7	24. 8	25. 5	27. 7	28. 5	29. 8	31. 2	33. 1
22	23. 8	24	23. 5	**23. 4**	23. 5	23. 6	26. 3	27. 9	29. 3	30. 1	**30. 4**	**30. 4**
23	23. 3	22. 8	**22. 3**	22. 7	22. 8	22. 6	25. 5	28	29. 8	30. 2	31. 8	31. 6
24	24. 1	23. 9	23. 8	24. 3	24. 2	**23. 6**	26. 2	29. 2	29. 8	30. 1	31. 5	32. 3
25	26	25. 1	24. 7	24. 1	23. 8	**23. 7**	26. 8	29. 4	29. 9	30. 7	30. 2	**32. 3**
26	24. 5	24. 2	24	**23. 6**	24. 4	24. 2	26. 4	28. 9	31. 3	31	30. 4	31. 1
27	25. 4	24. 9	24. 8	24. 8	**24. 4**	25. 2	26. 7	28. 5	30. 1	30. 8	30	30. 5
28	25	24. 5	24. 1	24. 1	**24**	24. 6	26. 5	29	30. 4	29. 8	32. 8	32. 9
29	25. 9	25. 3	24. 9	24. 5	**24. 4**	24. 7	27. 2	28. 8	31. 1	30. 8	31. 5	33. 1
30	24. 9	24. 6	24. 6	24. 5	**24. 4**	24. 6	25. 6	26. 7	27. 4	29	30. 1	29. 5
31	24. 8	**24. 4**	24. 5	**24. 4**	**24. 4**	24. 5	25. 8	28. 9	28. 9	29. 5	31	30. 6
Mean	24. 8	24. 5	24. 2	24	**23. 9**	**23. 9**	26	28. 1	29. 3	29. 8	30. 4	**31. 1**

ATMOSPHERIC PRESSURE, 700mm+.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
58.77	57.99	57.38	**56.84**	56.96	57.72	58.15	58.80	59.10	59.20	59.10	58.80	58.87
57.12	56.65	56.34	**56.29**	56.41	57.04	57.67	58.05	58.55	58.85	59	58.30	58.01
57.14	57.01	56.76	56.82	56.75	**56.67**	57.09	57.80	58.35	**58.85**	**58.85**	58.60	57.75
57.36	56.81	**56.75**	57.01	57.63	58.12	58.65	58.75	59	**59.25**	59.05	58.30	58.07
57.02	56.56	56.52	**56.42**	56.75	57.46	58	58.45	58.70	**58.95**	**58.95**	58.35	57.86
57.42	56.76	56.44	**56.21**	56.40	56.71	56.87	57.35	57.75	57.95	58.05	57.70	57.65
57.49	**56.75**	56.97	56.81	56.97	57.47	57.70	58.45	58.95	**59.20**	58.70	58.55	57.79
58.48	57.87	57.38	**57.17**	57.56	58.12	58.87	59.30	59.60	**59.95**	59.70	59.35	58.69
59.06	58.64	**58.12**	58.13	58.23	58.89	59.32	59.65	60	60.35	60.10	59.95	59.35
58.42	57.86	57.43	**57.28**	57.69	58.11	58.70	59.15	59.25	59.35	59.25	58.55	58.86
57.16	56.76	56.46	**56.16**	56.40	57.27	57.71	58.10	58.50	**58.90**	58.75	58.40	57.86
57.49	56.86	**56.32**	**56.32**	56.74	57.34	57.76	58.20	58.80	**59.20**	**59.20**	58.85	58.12
57.51	57.11	56.63	56.61	**56.57**	57.51	58.51	**58.80**	58.75	**58.80**	58.65	57.70	57.94
56.53	55.97	**55.37**	**55.37**	55.71	56.07	56.85	57.25	57.50	57.80	57.80	57.60	56.99
56.06	55.77	**55.34**	55.47	55.70	56.54	57	57.70	58.15	58.60	**58.65**	**58.65**	56.85
58.68	58.44	**57.96**	58.01	58.67	59.64	59.90	60.05	60.40	**60.60**	60.55	60.55	59.12
59.52	58.81	58.02	**57.80**	57.97	58.14	59.05	59.65	60.45	60.55	60.65	60.25	**59.74**
57.96	57.36	**56.69**	56.84	56.73	57.08	57.35	57.70	58.05	58.05	58.60	58.60	58.42
57.23	56.54	55.76	55.44	**55.36**	55.89	56.90	57.75	58.10	58.40	58.25	58.20	57.71
57.36	56.81	**56.46**	56.51	57.17	57.27	57.80	58.35	58.85	59.05	**59.15**	58.55	58.02
57	**56.08**	56.09	56.66	57.03	57.70	57.85	58.25	**58.75**	58.70	58.45	57.90	57.80
57.29	56.84	56.59	56.73	**56.39**	57.16	57.65	58.85	58.85	**59.10**	59	58.60	57.80
57.18	56.50	55.96	**55.80**	56.07	56.42	56.95	57.40	57.80	58.05	58.20	57.70	57.56
57.42	56.87	56.50	**56.12**	56.19	56.50	56.90	57.70	57.95	58	57.95	57.95	57.64
57.80	57.43	57.05	**56.51**	56.62	57.03	57.50	58.25	58.55	58.60	58.55	58.15	57.99
56.85	56.30	56.27	**56.10**	56.12	56.40	56.70	57.50	57.85	57.95	57.90	57.30	57.29
55.32	54.65	**54.30**	54.31	54.95	55.76	56.11	56.80	57.45	57.50	57.30	56.85	**56.34**
55.55	55.16	55.10	**55.07**	55.12	55.65	56.10	57.10	**57.80**	57.75	57.55	57.30	**56.34**
55.20	**54.81**	54.82	54.95	55.29	55.88	57.01	57.25	58.30	58.40	**58.45**	57.60	56.44
57.21	56.69	56.26	**56.03**	56.32	56.85	57.05	57.65	58	58.35	58.60	58.25	57.62
57.41	57.26	56.78	**56.53**	56.57	57.34	57.57	58.40	**58.90**	58.85	**58.90**	58.85	57.86
57.36	56.84	56.48	**56.40**	56.61	57.15	57.65	58.21	58.61	58.81	58.77	58.40	57.88

TEMPERATURE (°C.).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
26.7	30.7	**31.2**	31.1	31.1	29.2	27.9	27.1	26.1	25.9	25.3	24.1	27.1
34	33.5	31.3	31.9	31	29.3	27.5	26.6	26.2	26.1	25.8	25.5	27.8
32.3	31.1	30.5	29.6	29	28.5	27.9	27.1	26.8	26.5	25.4	25	27.8
31.6	**31.6**	30.8	29.8	28.5	26	25.2	24.7	24.5	24.7	24.3	**24.1**	26.7
32.1	31.3	31.5	**32.3**	31.5	29.5	28	27	26.6	25.5	25	24.2	27.6
30.1	31.4	31.7	31.6	31.3	29.6	28.2	26.6	25.9	25.6	26.3	25.5	27.8
31.1	**31.7**	27.8	27.1	28.3	26.9	26.3	25.9	25.5	25.6	25.4	24.6	26.8
28.5	29.9	30.6	**31.3**	29.6	28.5	27.7	26.9	26	25.9	25	24.5	27
29	29.1	**31.9**	30.1	31	28.8	27.4	26.9	25.9	25.2	25.5	25.4	27
29.1	**29.4**	29.2	27	27.4	26.7	26.4	25.6	25.1	24.8	24.6	24.6	26.2
32.3	31.8	31.9	31.5	30.5	29.3	27.2	26.8	27	26.7	26.3	25.6	27.8
32.2	31.7	31.8	30.9	30.2	29.3	28.9	28.3	27	26.9	26.4	25.9	28.2
30.2	29.3	28.1	28.1	27.7	27.2	27.5	27.1	26.8	26.5	26.5	25.5	27.4
30	29.2	29.7	29.2	28.6	28.2	27.9	27.2	26.8	26.1	25.8	25.6	27.3
32.8	29	30.7	29.7	28.9	27.6	25.9	25.9	25.7	25.6	25.2	25	27.2
24.5	26.6	29.1	26.1	25.8	25.1	24.6	24.2	24.1	24	23.9	23.9	**25.6**
30.6	31.2	31.6	**31.7**	31.3	29.1	27.7	27	26.6	25.8	26	25.4	26.8
33.3	33.6	**34**	30.3	29.4	28.3	27.5	26.8	26.1	25.8	24.8	24.6	27.9
32.4	32.7	33.1	**33.3**	32.5	30.9	29.2	28.7	27.6	27	26.7	26.6	28.2
32	32.3	32.2	27.6	28.5	28.2	27.4	26.7	26.4	26.2	25.9	25.7	27.9
34.1	**34.4**	30.7	27.9	26.7	26	26.2	25.9	25.8	24.6	24.3	23.9	27.4
28.6	28.3	27.9	28	27.8	28.3	26.3	26.1	25.5	24.9	24.3	23.7	26.5
31.5	32.3	**32.7**	30.8	31	30.2	29.2	28.2	26.9	26.4	25.4	25.1	27.6
32.3	33	**33.2**	33	32.2	30.4	29.4	28	27.5	26.9	26.7	26.3	28.4
30	28.6	27.1	29.6	29.8	28.7	27.6	26.6	26.7	26.1	26	25.1	27.4
32.6	29.3	28.5	28.5	28.8	28.7	27.5	26.8	26.5	26.2	25.9	26	27.5
31.4	**32**	31.9	30	29.6	27	26.2	25.8	25.6	25.6	25.4	24.9	27.6
33.1	32.7	32.5	32.5	30.8	30.5	29.5	28.8	28.5	27.5	26.8	26.5	**28.6**
33.9	32.2	30.3	29.3	29.3	28	26.3	25.3	**24.7**	24.9	24.7	24.7	27.7
29.9	**30.2**	29.7	29.8	30	28.5	28	27.9	27.3	26.1	25.5	25.3	27.3
31.2	26.5	27.5	28.5	28.8	28.5	28.2	26.7	**26.2**	25.9	25.4	25.4	27.1
31.1	30.9	30.7	29.9	29.6	28.4	27.4	26.7	26.3	25.9	25.5	25.1	27.4

RELATIVE HUMIDITY (%).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	93	94	93	**96**	95	**96**	84	70	66	64.5	65	**60**
2	87	91	92	**93**	92	**93**	80	65	59	54	53	54
3	82	83	78	78	79	82	75	69	58	57	56	53
4	89	87	86	84	87	**90**	86	84	71	66	65	62.5
5	86	89	90	91	95	**96**	79	67	55	56	52	58.5
6	88	83	87	87	**91**	90	79	69	63	66	68	60.5
7	85	88	92	94	90	91	75.5	74	67	71	75	71
8	94	94	94	**97**	**97**	**97**	92	73	64	69	81	71
9	78	82	86	87	**90**	**90**	82	82	74	74	76	66
10	85	87	90	90.5	91	92	84	74	**71**	75	78	83
11	**97**	**97**	94	95	96	93	83	74	72	66	65	62
12	88	89	89	88	88	88	84	78.5	71	64.5	**62**	**62**
13	88	91	92	91	92	**93**	83	74	71	73	67	**64**
14	88	**90**	**90**	88	**90**	89	87	79	74	73	66	**64**
15	89	89	92	92	**95**	93	89	81	77.5	73	73	62
16	90	89	92	95	**96**	**96**	92	85	79.5	78	**71**	75
17	94	95	96	96	**97**	**97**	**97**	92	83	82	79	76
18	84	84	86	87	91	**92**	74	67.5	65	67	67.5	54
19	90	90.5	90	**93**	**93**	91	78	70	65	64	62	60
20	88	88	88	90	91	**92**	83	75	79	71.5	62	**60**
21	89	90	92	**95**	94	93	91	82	81	75	68	57
22	92	91	**93**	91	**93**	**93**	82	78	75	72	70	70
23	89	90	**93**	91	89	91	80	71	62	61	60	58
24	87	**89**	**89**	85	86	**89**	78	66	66	63	58	**53.5**
25	81	85	86	89	89	89	78	70	67	65	62	**59**
26	90	91	91	**92**	87	89	81	71	60	**59**	61	64
27	90	92	93	92	**95**	92.5	86	77.5	71	67	73	70
28	90	92	95	95	**96**	92	82	73	67	71	55	**54**
29	88.5	92	92	**96**	**96**	**96**	84	75	65.5	68	66	56
30	**94**	**94**	93	93	93	93	89	86	84	78	73	72
31	90	93	93	**94**	**94**	93	88	75	**76**	73	67	70
Mean	88.5	89.7	90.5	91.1	91.9	**92**	83.4	75.1	69.7	68.3	66.3	**63.3**

VAPOR PRESSURE (mm).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	21.2	21	20.4	20.3	19.9	19.9	20.2	20.2	20.3	20	19.8	19.7
2	19.1	19	19	19	18.7	18.7	19.4	19.2	19	18.5	18.5	**19.8**
3	19.1	19.4	19.1	18.9	18.8	18.9	18.8	19.1	18.2	18.8	17.9	18.5
4	19.8	19.5	19.1	19	19.6	20.2	20.5	**21.5**	20.1	20	20.1	20
5	19.4	19.3	19	19.1	19.4	19.5	**20.4**	19.8	**17.9**	18.2	17.7	19.1
6	19.6	19.8	20.1	19.8	19.6	19.8	19.8	20.2	19.8	**21.2**	21.1	21.1
7	19.9	19.8	19.8	**19.7**	**19.7**	19.9	20.3	21.4	**21**	21.4	21.8	22
8	21.1	21	21.1	21	21.1	20.9	21.3	21.1	**20.9**	21.1	**22.9**	20.9
9	**18.7**	18.9	18.8	**18.7**	18.8	18.9	19.8	20.6	20.6	21.7	**22.7**	22.3
10	20.3	20.4	20.2	19.6	**19.4**	19.5	20.2	20.7	19.9	20.4	22.3	22.8
11	21.4	21	20.3	20.3	20.3	20.2	21.5	**22.3**	21.9	21.4	21.6	21.8
12	21.4	21.1	21.1	21.1	**20.8**	21.1	21.3	21.4	21.1	**20.8**	21.6	21.6
13	21.9	21.8	21.6	21.5	21.6	21.7	21.8	22.5	22.4	**22.6**	21.3	**21**
14	21.1	21.3	21.2	**21.6**	21.3	20.7	20.8	20.8	20.8	21.3	20.6	20.5
15	21.5	21.4	21.2	20.9	20.9	21.2	21.4	22.1	22.4	22.7	**23**	21.6
16	20.9	20.9	21	21.1	21.1	**20.8**	21	21.9	22.5	**23**	22.3	22.6
17	20.5	20.3	20.2	**19.9**	20.1	20	20.6	21.4	22.2	22.2	**22.8**	**22.8**
18	20.3	20.2	19.8	19.8	19.6	19.7	20.1	20	20.6	21	**21.4**	19.4
19	19.7	19.6	19.3	19.3	**18.9**	**18.9**	19.4	20.8	20.5	19.9	20.4	20.6
20	21.6	21.4	21	21.2	21	21	22	22.8	22.5	**22.9**	22.2	22
21	21.9	21.7	21.6	21.8	21.8	21.7	22	22.7	23.4	**23.5**	23	21.4
22	20.2	20.3	20	19.5	20	20.1	20.8	21.8	**22.7**	22.9	22.7	22.7
23	18.9	18.6	18.6	18.7	**18.3**	18.6	19.4	19.9	19.3	19.5	21	20
24	19.5	19.6	19.4	**19.1**	19.2	19.2	19.7	19.8	20.6	20	19.9	19.2
25	20.2	20.1	19.8	19.8	19.4	**19.3**	20.5	21.4	21.1	21.4	19.9	21.2
26	20.5	20.3	20.1	19.9	**19.7**	19.9	20.7	20.9	20.2	19.8	19.8	21.4
27	21.7	21.4	21.7	21.5	21.6	22	22.5	22.4	22.6	22	**23.1**	22.8
28	21.2	21.1	21.1	21.1	21.2	21.2	21	21.6	21.6	22.2	20.4	**20**
29	22	21.9	21.6	21.9	21.7	22.2	22.6	22	22	22.4	22.6	21.2
30	22	21.6	21.4	21.3	21.2	21.4	21.8	22.5	22.6	**23.1**	23	22
31	**20.9**	21.2	21.3	21.3	21.3	21.3	21.9	22.1	22.5	22.4	22.3	22.7
Mean	20.6	20.5	20.3	**20.2**	**20.2**	20.3	20.8	21.2	21.1	21.2	**21.3**	21.1

RELATIVE HUMIDITY (%).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
83	65	62.5	65	61	69	69	72	76	76	80	87	76.8
48	48	57	53	56	60.5	70	74	76	74	75	78	70.1
48	55	55	57	58	60	65	72.5	74.5	77	84	83	68.3
60	58	59	60	61	75.5	82	83	85	84	87	89	76.7
50	57	56	48	48	56	62	67.5	72	79	83	88	70
65	60	57	56	52	58	65.5	75	76	79	78	82	72.3
67	66	83	85	80	87	90	90	92	90	91	95	82.9
72	65	66	61	63	68	70	74	80	78	83	85	78.7
73	69.5	58	65	62	68	76	79	85	89	86	87	77.7
74	73	72	87	86	86	86	91	92	95	95	93	84.6
59	59	59	55	61	68	79	82	81	82	84	88	77.1
63	65	65	67	68	70	71	74.5	82	83	87	90	76.6
68	72	78	80	78	79	78.5	81	82	84	83	90	80.5
66	71.5	66	66	68.5	70	73	78	80	79	84	88	77.8
54	66	60	63	66	75	85	86	87	84	86	87.5	79.4
96	88	75	85	92	95	94	96	96	96	96	96	89.3
70	66	63	65	61	69.5	75	77	79	85	81.5	86	81.8
48	50	45	58	63	70	73	77	79	81	84	85	72.2
57	58	56	52	55	62	70	69	78	80.5	83	83	72.9
60	60	60	72	73	75	80	84	84	86	88	88	78.2
51	49.5	65	77	86	89	88	89	87	90	91	93	81.8
83	82	82	82	81	68	77	76	79	83	86	89	82
58	54	55	62	63	65	65	68	76	79	84	83	72.8
53.5	54	55	56	59	64	65	72	75	77	78	79	70.7
71	81	90	81.5	75	78	79	84	80	85	84	89	79.1
62	84	82	78	71	69	80	83	83	84	87	86	78.5
65	60	58	66	66	80	85	89	90	89	90	92	80.4
57.5	57	60.5	58	63.5	65	71	71	76	81	85	87	74.8
53	59	72	75	74	78	88	93	95	94	95	95	81.1
71	70	71	71	69	75	77	77	81	88	89	87	82
66	85	82	79	78	80	80	88	89	89	93	94	83.7
63.6	64.8	65.3	67.3	67.7	72	76.4	79.8	82.2	83.9	85.8	87.8	77.8

VAPOR PRESSURE (mm).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
21.5	21.4	21.1	21.8	20.6	20.7	19.4	19.1	19	18.9	19.1	19.5	20.2
19	18.5	19.3	18.6	18.7	18.3	19.3	19.1	19.1	18.6	18.6	19	18.9
17.5	18.6	17.8	17.6	17.2	17.5	18	19.3	19.5	19.9	20.3	19.7	18.7
20.7	20	19.6	18.6	17.7	18.8	19.5	19.1	19.4	19.5	19.7	19.8	19.7
18	19.3	19.1	17.2	16.6	17	17.4	17.8	18.7	19.1	19.4	19.8	18.7
20.8	20.6	19.8	19.5	17.7	18	18.6	19.4	18.9	19.3	19.8	19.9	19.8
22.4	23.2	23.1	22.7	22.9	22.9	22.9	22.4	22.2	22	21.9	21.8	21.5
20.8	20.3	21.5	20.9	19.3	19.6	19.5	19.4	20	19.3	19.4	19.4	20.6
21.6	20.8	20.5	20.6	20.6	20	20.6	20.8	21	21.2	20.9	20.9	20.4
22	22.2	21.8	23.1	23.3	22.5	22	22.1	21.9	22.1	21.8	21.4	21.3
21.2	20.7	20.7	18.9	19.7	20.6	21.2	21.4	21.5	21.3	21.3	21.4	21
22.4	22.7	22.8	22.4	21.6	21.1	21.1	21.3	21.7	22	22.3	22.4	21.6
21.7	21.9	22	22.6	21.5	21.2	21.4	21.5	21.4	21.6	21.4	21.8	21.7
20.9	21.5	20.4	19.8	19.9	19.8	20.3	21	20.8	19.9	20.7	21.4	20.8
19.9	19.7	19.8	19.6	19.6	20.5	21.2	21.4	21.3	20.4	20.5	20.6	21
21.9	22.7	22.4	21.3	22.7	22.5	21.6	21.5	21.4	21.2	21.1	21.1	21.7
22.7	22.4	21.7	22.7	20.9	20.8	20.7	20.3	20.4	21.1	20.3	20.7	21.2
18.4	19.2	18	18.5	19.2	19.9	19.8	20.1	19.9	19.9	19.6	19.5	19.7
20.6	21.4	21	19.8	20.1	20.5	21	20.2	21.3	21.3	21.5	21.4	20.3
21.3	21.5	21.3	19.7	21	21.3	21.7	21.9	21.5	21.8	21.8	21.7	21.6
20.4	19.9	21.4	21.5	22.3	22.3	22.2	22.2	21.5	20.7	20.5	20.5	21.7
24	23.6	23	23.1	22.4	19.5	19.6	19.1	19.1	19.5	19.3	19.3	21
19.9	19.4	20.2	20.5	21.1	20.7	19.5	19.4	20	20.1	20.3	19.6	19.6
19.2	20.2	20.7	21.1	21.1	20.6	19.8	20.3	20.4	20.4	20.3	20.2	20
22.5	23.5	24.1	25.1	23.5	22.9	21.7	21.8	20.9	21.3	21	21.1	21.4
22.8	25.5	23.6	22.6	20.8	20.2	21.8	21.8	21.4	21.2	21.6	21.5	21.2
22.2	21.3	20.5	20.9	20.3	21.1	21.4	22	22	21.8	21.7	21.4	21.7
21.6	21	22	21.1	20.9	21	21.7	21	22	22.2	22.2	22.4	21.4
20.9	21.1	23.2	22.7	22.3	21.9	22.3	22.3	21.9	22	21.9	21.9	22
22.2	22.4	22	22	21.8	21.8	21.7	21.5	21.9	22.1	21.7	20.8	21.9
22.4	21.8	22.4	22.8	23	23.2	22.8	22.9	22.4	22.2	22.5	22.7	22.2
21.1	21.2	21.2	20.9	20.7	20.6	20.7	20.8	20.8	20.8	20.8	20.8	20.8

CLOUDS—FORM AND DIRECTION.

Day.	8 a.		9 a.		10 a.		11 a.		Noon.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1	Ci.	Cu.		Cu.		Cu. E		N.-cf. E		N.-cf.
2		Cu.		Cu.		Cu.		Fr.-Cu.		Fr.-Cu.
3	Ci.-S.	S.-Cu. E	Ci.-S.	Fr.-Cu. E	Ci.-S.	Cu. E	Ci.-S.	Cu. E	Ci.,Ci.-S.	Cu. E
4		Cu.-N.	Ci.-S.	Cu. E		Cu. E		Cu. E		Fr.-N.
5		Cu.	A.-Cu.	Cu. E		Cu. E		Cu. E		Cu. E
6		Cu. E		Cu. E		Cu. E		Cu. E		Cu. E
7	Ci.-Cu. NE	S.-Cu. E	A.-Cu.	Cu. E		N.-cf. E		N.-cf. E	A.-Cu.	Cu.-N. E
8	Ci.	Cu.	Ci.	Cu. E	Ci.	Cu.-N. E		Cu.-N.		N.-cf.
9		S.-Cu. E		Cu. E		Cu. E	A.-Cu.	Cu. E	A.-Cu.	Cu. E
10	Ci.-S.	Cu.	Ci.-S.	Cu. E		Cu.-N. E	Ci.-S.	Cu. ENE		N.
11	Ci.	Cu.	Ci.	Cu. E	Ci.	N.-cf. E	Ci.	N.-cf. E		N.-cf. E
12	Ci.-S.	Cu.	Ci.	Cu. SW	Ci.-S. WSW	Cu. SSW	Ci.	Cu.	Ci.	Cu.
13	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.
14	Ci.-S.	Fr.-N.	Ci.-S.	S.-Cu. WSW	Ci.-S.	S.-Cu. WSW	Ci.-S.	N.-cf.	Ci.-S.	Cu.-N.
15	A.-Cu. W	Cu.	A.-Cu. W	Cu. E	Ci.	Cu.	Ci.	Cu. E	Ci.	Cu.
16	A.-Cu.	Cu. E	A.-Cu.	Cu. E	A.-Cu.	Cu. E	A.-Cu.	Cu.-N.	A.-Cu.	Cu.-N.
17	Ci.	S.-Cu.	A.-Cu.	Cu. E	Ci.-S.	Cu. E	Ci.-S.	Cu. E	Ci.-S.	Cu.
18	Ci.	Cu.	Ci.	Cu. E		Cu. E		Cu. E		Cu. E
19	A.-Cu.	Cu.		Cu.		Cu. E		Cu. E		Cu. E
20		Cu. SE		N.-cf. SE		N.-cf. ESE	Ci.-Cu.	Cu. ENE	A.-Cu.	Cu. ENE
21	A.-Cu. N	Cu.	A.-Cu.	Cu. E	A.-Cu.	Cu. E	A.-Cu.	Cu.	A.-Cu.	Cu.
22	A.-Cu. N	Cu.	A.-Cu.	Cu.	A.-Cu.	Cu.	A.-Cu.	Cu. E		Cu. E
23		Cu.		Cu.		Cu. E		Cu. E		Cu. E
24	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.-S.	Cu. E	A.-Cu.	Cu. E
25	Ci.	Cu.	Ci.	Cu. E	Ci.-S.	N.-cf. E		N.-cf. E	Ci.-S.	Cu. E
26	Ci.	Cu.	Ci.	Cu.		N.-cf. E		Cu. E		Cu. E
27	Ci.	Cu. E		Cu. E		Cu. E		Cu. E		Cu. E
28	Ci.	Cu. ESE	Ci.	Cu. ESE	Ci.	Cu.	Ci.	Cu.	Ci.-S.	Cu.
29	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu. E
30	Ci.-S.	S.-Cu.	Ci.-S.	S.-Cu. WNW	Ci.-S.	Cu.-N. WNW	Ci.-S.	Cu. WNW	Ci.	Cu.
31	A.-Cu.	Cu.	Ci.	Cu. E		Cu. E		Cu. E	Ci.-Cu.	Cu.-N. E

Day.	1 p.		2 p.		3 p.		4 p.		5 p.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1		Cu.-N. E	A.-Cu. ENE	Cu. E	A.-Cu. ENE	Cu.	A.-Cu.	Cu.	A.-Cu.	Cu.
2	Ci.	Cu. NE	Ci.	Cu. NE		Cu. ENE	Ci.	Fr.-Cu. ENE	Ci.-S.	Fr.-Cu. ENE
3	Ci.-S.	Cu. E	Ci.-S.	Cu. E	Ci.-S.	Cu. E		N.-cf.		Cu.-N.
4		Cu.		Cu. ESE		Cu. ESE		Cu. ESE		S.-Cu.
5		Cu. E		Fr.-Cu. E		Cu. E		Fr.-Cu. E		Cu. E
6		Cu.-N. E		Cu.-N. E		Cu. E		Cu.		Cu.
7	Ci.-S.	Cu.	Ci.-S.	Cu.-N.	Ci.-S.	Cu.-N.	Ci.-S.	Cu.-N.	Ci.-S.	Cu. ESE
8		Cu.-N. E	A.-Cu.	Cu.-N. E	A.-Cu.	Cu. E		Cu.-N. E	A.-Cu.	Cu.
9		Cu.-N. E	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu.-N. E	Ci.-S.	Cu.-N
10		Cu.-N.		Cu.-N.		Cu.-N.		Cu.-N. E		Cu.-N. E
11	Ci.-S.	Cu. E	Ci.-S.	Cu. SSE	A.-Cu. SE	Cu. SE	A.-Cu.	Cu. SE	Ci.-S.	Cu. SE
12	Ci.	Cu.	Ci.	Cu.-N.	Ci.-S.	Cu.	Ci.-S.	Cu.-N.	Ci.-S.	Cu.-N.
13	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.
14	Ci.-S.	Cu.		S.-Cu.	Ci.-S.	S.-Cu.	Ci.-S.	S.-Cu.		S.-Cu.
15		Cu. E		Cu.-N. E		Cu.-N. E	Ci.-S.	S.-Cu.		Cu.-N.
16		Cu.-N.		N. E		Cu.-N. E		N.		N. E
17	Ci.-S.	Cu.	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu.-N.	Ci.	Cu.
18		Cu. E		Cu.		Cu. E		Cu.-N.	Ci. ESE	Cu.-N.
19		Cu. E		Cu.		Cu.		Cu.		Cu.
20		Cu.		Cu.		Cu.-N.		Cu.-N. E		S.-Cu. E
21	Ci.-Cu.	Cu. E		Cu.-N. E		Cu.-N. E		Cu.-N. E		Cu.-N.
22		Cu.-N. E		Cu.-N. E		Cu. E		Cu.-N.		A.-Cu. Cu. E
23	Ci.	Cu.		Cu. E		Cu. E		Cu. E	A.-Cu.	Cu.
24	A.-Cu.	Cu. E		Cu. E	Ci.	Cu. E	Ci.	Ci.		Ci. Cu.
25		Cu.-N. E		Cu.-N. E		N.-cf. E	Ci.	Cu.		Ci. Cu.
26		Cu.-N. E		N.-cf. E		N.-cf. E		N.-cf. E		S.-Cu. E
27		Cu. E		Cu. E		Cu. E		Cu. E		S.-Cu.
28	Ci.-S.	Cu.-N. ESE	Ci.-S.	Cu.-N. ESE	A.-Cu.	Cu.	A.-Cu.	Cu.-N. ESE	A.-Cu.	S.-Cu. ESE
29	Ci.-S.	Cu. E	Ci.-S.	Cu.-N.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.
30	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.	Cu.	Ci.	Cu.
31		Cu. E		Cu.-N.		Cu. E	A.-Cu.	Cu.-N. E		S.-Cu. E

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	NNE 1.5	NNE 1	NNE 2	NNE 0.5	Calm	Calm	Calm	Calm	WNW 1	W 2.5	WNW 3.5	WNW 2
2	E .5	E .5	E 1	E 1	Calm	E 1	Calm	Calm	ENE 1	Calm	NE 1.5	NE 2
3	Calm	NNW 1	NNW 2	NNW 3	N 1.5	N 2	NbyE 2	NE 5	NE 5	NE 4	NNE 6	NE 6.5
4	NNE 1	NNE 1.5	NNE 2	NNE 1	NNE .5	NNE .5	Calm	Calm	NNW 1	NE 2	NNW 3.5	NNW 4
5	ESE 1	SE 1.5	Calm	Calm	SE .5	SE .5	Calm	Calm	Calm	Calm	Calm	SW 4.5
6	E 1	W 2	WNW 1	WNW 1	NE .5	Calm	NE 1.5	Calm	NNW 2	WNW 1.5	SW 3	SW 3
7	SE 1	Calm	NE 1	Calm	E 1	Calm	NNE 1	N .5	WNW 3.5	WSW 3.5	WNW 1	NW .5
8	E 1	E 1.5	ESE 1	Calm	Calm	Calm	Calm	Calm	E 1	W 2	Calm	ENE 3
9	NE 3	ENE 1.5	Calm	N .5	NNE 1	NE .5	NE .5	Calm	E 2	E 2	E 1.5	E 4
10	SE 1.5	SE 1	SE .5	Calm	Calm	NE .5	NE .5	Calm	WNW 5	WNW 1	SE .5	SE 3
11	Calm	ESE 1	E 1	Calm	E 1	E .5	NE .5	SE 3	SE 4.5	SE 6	ESE 3	Calm
12	S 1	Calm	Calm	NE 1.5	Calm	ENE .5	Calm	ESE .5	SE 1.5	SE 5	SE 2	SE 2
13	Calm	SE .5	Calm	SE 1	Calm	Calm	Calm	SSE 1.5	SE 1	S 1	SE 1	WSW 1
14	Calm	NE .5	Calm	SW 1.5	SE 1.5	ENE 1.5	ENE 1.5	ENE 1.5	Calm	Calm	Calm	SW 1.5
15	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	SW 1	SW 2.5	SW .5
16	NNW 2	NNW 1.5	Calm	Calm	Calm	Calm	Calm	Calm	W 2.5	W 2.5	SW 3.5	Calm
17	NNW 2	NNW 3	N 3	NNE 1.5	Calm	Calm	Calm	Calm	Calm	W 2	NW 2.5	W 2
18	E 1.5	E 2	N 1.5	N 1.5	N .5	Calm	Calm	N 1	W 3.5	W 1	W 2.5	SE 5
19	E 1	Calm	E 1	E 1.5	NE 1	NE .5	Calm	Calm	SW 2	W 2.5	W 3	W 2.5
20	Calm	S .5	Calm	SE 1	Calm	Calm	Calm	Calm	NW 2.5	NW 4.5	NW 5.5	SW 3.5
21	S 1	N 1.5	N .5	Calm	NNW 1	NNE 1	NE 1	NNE .5	SSE 1.5	WSW 2.5	SW 1.5	SE 1
22	N 1	N 3	NNW 3	N 1.5	N 1	Calm	Calm	Calm	Calm	SW 2.5	W 4.5	W 2
23	E 2	Calm	Calm	N 1.5	N 1.5	NE 2	NE 1.5	Calm	NW 2	W 3	WNW 3.5	WNW 5
24	E 1	ENE 1	NE 1	NNE 2	N 1	NE .5	Calm	Calm	Calm	W .5	W 6	W 3
25	SE 1	SE 1.5	NE .5	NE 1	NE .5	NE .5	Calm	Calm	SW 1.5	W 3	W 4.5	W .5
26	SE .5	SE 1	SE 1	N 2	NNE 1	NE .5	Calm	Calm	Calm	S 1	WNW 1.5	SW 3
27	N 1	NE 1	NE 1	NE 1	NE 1	Calm	Calm	Calm	E 2	NE 4	SE .5	WNW 1
28	NE 1	NE .5	Calm	Calm	N .5	Calm	NNE .5	Calm	WSW 2.5	W 1.5	ESE 3.5	SE 7
29	NE 2	NE 1	NE 1	NE .5	Calm	E .5	Calm	Calm	Calm	SW .5	SW 1	SSE 1
30	NE .5	NE .5	NNW 2	N 2	N 2	NNW 1.5	NNW 3.5	N 2.5	NNW 3	WNW 1	WSW 3	WSW 3.5
31	SE 1	SE .5	Calm	Calm	SE .5	SE .5	Calm	SE .5	Calm	W 2	WNW 3	W 2
Mean	1	1	0.9	0.9	0.6	0.5	0.5	0.5	1.7	2.1	2.5	2.6

Day.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Mid-night.	Mean.
1	NW 1	W 2	W 2.5	NE 1	NE 2	NE 0.5	ENE 2	ENE 3	E 2	E 2	E 1	Calm	1.4
2	NE 4.5	N .5	W 1	NE 4	NE 2.5	NE 3	NE .5	NE 2	NE 2	E 2	E 2.5	E 1.5	1.4
3	NE 6.5	NE 3.5	NE 6	NNE 4.5	NE 4	NEbyN 4	NNE 3	NE 2	Calm	Calm	Calm	N 1	3.
4	NbyW 5.5	NNE 3	NNE 5	NE 5.5	NE 4.5	ENE 2.5	Calm	ESE 1.5	ESE 1	Calm	ESE .5	Calm	1.9
5	W 5	W 3.5	WSW 2	NE 1	E 3	E 2	ENE 3	E 2.5	E 1	E .5	Calm	E .5	1.3
6	NNW 2.5	NNW 4	NNE 2.5	NE 3	E 3	E 2.5	E 1	Calm	ENE 1.5	ESE 1.5	ESE 3	SE 1.5	1.8
7	WSW 3	WSW 4	WNW 3.5	SSE 1.5	Calm	ESE .5	SE 1.5	SE 2	SE 2	ESE 3	NE 1.5	E .5	1.5
8	NE 6.5	N 1.5	NE 2	NE 2.5	E 4	E 1.5	E 1	ESE 3	ESE 1	ESE 1.5	Calm	Calm	1.4
9	NE .5	ENE 2	ENE 3	E 1.5	E 2	EbyS 4	Calm	ESE 2	ESE 2	ESE .5	ESE 1.5	ESE 1.5	1.5
10	ENE 1	ESE .5	NE 1.5	SW 1	Calm	Calm	ESE 1.5	ESE 2.5	E 1	E 1	E 1	ESE 1.5	1.1
11	SE 3.5	SE 4	SE 4.5	ESE 2.5	ESE 3	SbyW 5	SSE 3	SSE 3	SSE 1.5	S 1	Calm	Calm	2.1
12	WSW 3	W 2.5	SW 1	SW 2.5	SW 5.5	SW 6.5	SW 5.5	S 3	SE 1.5	SE 1	SE .5	Calm	1.9
13	WSW 3	SW 6	SW 8.5	SW 3.5	Calm	SW 3	SW 4	SW 4.5	SW 2	SW 1.5	Calm	SW 1	1.8
14	W 3	W 1	Calm	W .5	Calm	SW 1	SW 1.5	S 1.5	Calm	SE 1.5	SE 1	Calm	.9
15	SE 4	NNE 4	ENE 4	E 3.5	ESE 2	SSE 1.5	SE 1.5	ESE 1	ESE 1	E 1	NNE 2	NNE 2	1.3
16	NE 1	Calm	SE 2.5	ENE 3	E .5	N .5	NNW 1.5	N 2	N 2.5	N 1.5	Calm	N 1.5	1.2
17	W 4.5	W 1.5	SW 5	WNW 2	Calm	ENE 2	E 2	E 3	E 1.5	E 1.5	SE 3	SE 1	1.8
18	SE 8	ESE 5	SE 5.5	ESE 2.5	ESE 2.5	ESE 1	SE 2	E 1.5	E 1.5	E 2	E 1	E 1	2.2
19	SW .5	SW 1	W 1	SE 1.5	ESE 1.5	SE 1	SSE 1.5	SE 3	S 1	S 1	S 1	S .5	1.2
20	SW 2.5	SW 6	SW 4	SSE 5	SSW 3.5	S 1	Calm	Calm	Calm	S .5	Calm	Calm	1.7
21	SE 5.5	SE 2.5	SE 1	W 1	Calm	Calm	NE 1	NE .5	NNW 2.5	N 3	N 2	Calm	1.3
22	WNW 1	WNW .5	NNE .5	NE .5	NE .5	NE 1.5	E 1.5	SE 2	NE 1	E 1	E 1	E 1	1.3
23	WNW 3.5	W 2.5	WSW .5	ENE 1.5	NE .5	SE 2.5	E 3	E 3	E 2	E 3	Calm	E 1	1.9
24	W 4	SW 1	SW 3	SE 1.5	SE 3.5	SE .5	E 2	E 2	E 1	E 2	SE 2	E 1	1.6
25	Calm	E 1	NNE .5	NW .5	Calm	Calm	SE 2	Calm	SE 3	SE 1	SE 1.5	SE 1	1
26	SW 2.5	Calm	NE 1	E 1	ENE 1	NE 1	Calm	Calm	NE .5	NE .5	Calm	Calm	.9
27	E 5	SE 4.5	ESE 3.5	E 1.5	SE 1.5	SE 1	ESE .5	NE 1	Calm	E 1.5	NE 1	NE 2.5	1.5
28	SE 4.5	SE 5	SE 2.5	SE 3	SE 4	SE 4	SE 2	SE 2	SE 1.5	SE 1	SE 1	SE .5	2
29	SE 2.5	SE 3	SW 6.5	S 4	SW 3.5	S 5	E 2	SE 2	NE 3	NE 1	NE 1.5	NE 1	1.8
30	WbyS 2	W 1.5	WSW 2.5	W 1	WSW 4.5	WSW 4	SW 3.5	SW 3	S 2	Calm	S 1	SE 1	2.1
31	Calm	NE 1.5	Calm	Calm	SW 3.5	SW 1	SSW 1	S .5	SE 1.5	SE 1	Calm	SE .5	.9
Mean	3.2	2.5	2.8	2.2	2.1	2	1.8	1.9	1.4	1.3	1	0.8	1.6

WIND—VELOCITY IN KILOMETERS PER HOUR.

Day.	Mdt.-1 a.	1-2 a.	2-3 a.	3-4 a.	4-5 a.	5-6 a.	6-7 a.	7-8 a.	8-9 a.	9-10 a.	10-11 a.	11-Noon.
1	5	4.5	5.5	4	2	0	2	0	4	8	15	13
2	1.5	2	2.5	2.5	2.5	2.5	3.5	1	2.5	6	7	6
3	1.5	3.5	6	6	8.5	4.5	4.5	8.5	21	26	**31**	26
4	6	**6**	7.5	6	**3**	3.5	.5	.5	2.5	6.5	9.5	9.5
5	2.5	3.5	2.5	1	1.5	2.5	**3**	4.5	4.5	6	9	9.5
6	4.5	5.5	5	2.5	1.5	5	2	.5	5.5	10.5	9.5	**9**
7	4.5	2.5	4	3.5	4	3	3	7	**5**	11	**12**	8.5
8	3.5	3.5	4	2	2	**2**	2	4	3.5	6.5	10.5	10.5
9	6	5	2.5	3.5	3	3	2.5	2	5.5	16.5	12	12.5
10	5.5	3.5	1.5	1	2	3.5	3.5	2	5	10	5	9
11	1.5	3.5	3.5	3.5	2.5	4	5	9.5	14	17	**22.5**	14.5
12	4	2	1.5	6	2.5	3	1.5	3.5	9.5	12.5	15.5	10
13	1.5	2.5	2.5	4	2	1.5	1.5	4	6.5	**7**	6.5	5.5
14	6	1	2	4.5	**4**	6	6.5	6.5	3	4.5	7	8
15	2	2	2	1.5	.5	3	4	1	3	8	12	11
16	7	8	3	0	0	3	3	0	5	10	13	10
17	7	9	8	10	2	0	0	1	1	5	8	10
18	7	8	5	6	**2**	2	0	4	9	7	15	12
19	1	3	2	4	4.5	5	4.5	2	7	8	**15.5**	13
20	1	2	3	3.5	3.5	1.5	2	3.5	7	13	12	14
21	3	5	5	.5	4	4.5	4.5	3.5	5	8	11	12
22	1	4	13	9	4	1	0	1	4.5	10.5	16	**17**
23	4.5	1.5	1	5	5	8	9	7	6	10	14	16
24	3	4	4	5	5	5	4	4	7	11	14	13
25	6	5	5	3	4	5	3	3	5	10	**17**	12
26	3	4	4	4	6	7	9	8	8	3.5	14.5	**15**
27	4	3	3	4.5	1.5	3	2	2	7	12	12.5	5.5
28	5	3	2	2	2	2.5	5.5	3.5	4.5	10.5	14.5	**19**
29	5	4	4.5	2	1	1	1.5	3.5	3.5	5	13	12
30	2	3	6	10	7	4	**7**	**9**	7	8	11.5	14.5
31	4	3	3	2	3	3	**3**	**3**	**5**	5	12.5	**13.5**
Mean	3.8	3.9	4	3.9	**3.1**	3.2	3.3	3.6	6	9.4	12.8	12

AMOUNT OF CLOUDS (0–10).

Day.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	Mean.	Sunshine.
														h. *m.*
1	2	2	2	4	8	10	8	7	7	6	3	4	5.2	9 05
2	1	1	2	2	3	3	5	6	6	**5**	5	8	3.9	9 50
3	6	9	6	6	7	7	6	10	10	10	10	10	8.1	4 00
4	8	10	10	10	10	10	10	9	9	10	10	10	9.7	2 40
5	2	2	3	4	4	4	5	4	3	4	2	1	3.2	10 15
6	4	5	5	6	8	8	9	10	8	2	1	1	5.6	7 10
7	4	7	7	8	9	9	8	9	10	9	7	8	7.9	4 15
8	4	5	5	7	9	9	8	9	7	8	7	6	**7**	4 40
9	6	8	8	6	5	5	5	5	4	8	9	10	6.6	4 30
10	9	5	7	10	9	10	10	10	10	10	10	10	9.2	3 00
11	6	8	8	7	7	8	7	9	7	8	7	10	7.7	9 00
12	9	8	8	7	6	6	5	5	6	8	9	10	7.2	6 35
13	7	8	9	9	9	10	10	10	10	10	10	10	9.3	1 15
14	9	10	10	10	10	10	10	10	10	10	10	10	**9.9**	**0 15**
15	10	9	8	5	7	7	5	**6**	7	**9**	8	10	7.6	4 40
16	6	9	8	5	6	8	9	8	7	10	10	10	8	2 45
17	7	6	7	9	8	9	7	6	8	6	7	9	7.4	4 10
18	3	2	4	4	5	4	3	3	3	8	8	6	4.4	7 45
19	1	1	2	2	3	3	3	2	2	2	3	3	**2.2**	**10 35**
20	3	4	7	8	7	5	3	3	4	9	10	10	6.1	7 15
21	7	6	7	7	7	6	3	8	8	10	8	8	7.1	5 25
22	9	8	5	3	4	4	9	9	9	8	9	8	7.1	3 55
23	1	1	1	3	3	3	4	4	3	8	3	6	3.3	7 50
24	3	**3**	3	2	5	6	7	5	8	5	7	7	5.1	8 25
25	3	3	4	7	7	8	9	10	10	6	5	6	6.5	3 20
26	2	1	1	9	7	7	7	10	10	10	10	10	7	4 35
27	9	6	7	5	7	7	9	6	9	9	10	10	7.8	4 10
28	8	7	7	7	7	7	8	6	7	9	7	7	7.2	7 05
29	10	9	**8**	7	7	5	9	9	10	10	9	10	8.6	4 50
30	10	10	10	10	9	8	6	8	8	6	5	7	8.1	3 40
31	7	4	4	8	8	9	7	9	10	10	10	10	8	4 25
Total														171 20
Mean	**5.7**	**5.7**	5.9	6.4	6.8	6.9	6.9	7.3	7.4	7.8	7.4	**7.9**	6.8	5 32

WIND—VELOCITY IN KILOMETERS PER HOUR.

Noon–1 p.	1–2 p.	2–3 p.	3–4 p.	4–5 p.	5–6 p.	6–7 p.	7–8 p.	8–9 p.	9–10 p.	10–11 p.	11–mdt.	Mean.
15.5	6.5	15	10	11.5	7.5	5	7.5	6.5	8	5	2.5	6.8
9.5	9.5	8.5	14	13.5	14.5	8.5	6	8	8	6.5	7.5	6.4
27	24	26	23.5	21	17	14	8	.5	0	.5	3.5	13
15	18	22	21	24.5	11.5	6	5.5	3.5	1.5	2.5	2	8.1
17	17	12	8	14	17.5	10.5	9	6	3.5	3.5	2.5	7.1
13	17.5	18	13	18.5	14.5	12.5	6	4	4.5	7	5.5	7.9
7	10	9.5	7.5	5	7.5	7.5	3	6	8.5	6.5	4	6.2
19	12.5	12	12.5	15	13	9	7	6.5	5	5	1.5	7.2
19.5	12.5	17	13.5	10.5	12	5	9.5	5.5	3	4	3.5	7.9
7	12	11.5	3	.5	3.5	7	10	4.5	2.5	3.5	6	5.1
15	18	17	15	10.5	11.5	13.5	8.5	5.5	6	3.5	2.5	9.5
11.5	13.5	11.5	10.5	14	16.5	17.5	11.5	5.5	4.5	1.5	2	8
9	13.5	28.5	21	11.5	14.5	17	26	12.5	6.5	4.5	4.5	8.9
10	12	7	7	7	9	6	6	3	4	4	4	5.8
12	19	18	14	11	12	7	5	4	4	4.5	5.5	6.9
18	3	12	19	6	5	6	6	8	5	4	3	6.5
13	15	14	14	10	12	8	9	9	5	8	7	7.7
19	18	22	18	12	8	9	6	6	8	4	4	8.8
9	9	9.5	9.5	14	10	8.5	12	6	5	5	5	7.2
16	18	17	15	10	9.5	3.5	1.5	1.5	2	2	2	6.8
14	13	13	8	3	5	2	3	7	15	9	4	6.8
10	8	9	8	3	10	8	7	9	3	4	4	6.8
20	13	12	15	7	13	11	12	6.5	7	4.5	4	8.8
16	12	11	11	15	15	13	7	7	7	7	5	8.5
14	5	10	4	1	4	5	4	7	6	5	5	6.2
12	5	4	5	6	9	5	0	3	3	1	2	5.9
8.5	16.5	17.5	16.5	14.5	15	10.5	6.5	4.5	4	3.5	2.5	7.5
17.5	15.5	19	15	16	13	8	8	8.5	3.5	3	3	8.5
16	16	13	18	16	19	13	9	7	5	5.5	4.5	8.2
9	12	11	11.5	15.5	15	17	12	6	3	3.5	4.5	8.7
7.5	10.5	5	2	7	13.5	10	3.5	4	4.5	3.5	3	5.6
13.8	13.1	14	12.4	11.1	11.5	9.1	7.6	5.9	5	4.3	3.9	7.5

FREQUENCY OF THE WIND.

Day.	N.	NNE.	NE.	ENE.	E.	ESE.	SE.	SSE.	S.	SSW.	SW.	WSW.	W.	WNW.	NW.	NNW.	Calm.	Total wind velocity.	Atmidometer.	Rainfall.
																		Kms.	*mm.*	*mm.*
1		4	3	2	3								3	3	1		5	163.5	3.9	5.6
2	1		9	1	8								1				4	153.5	6.4	
3	3	4	10													3	4	312	6.5	1
4	1	8	3	1		3										3	5	194	4.4	.1
5			1	1	6	1	3				1	1	2				8	170.5	6.3	
6		1	3	1	4	2	1				2		1	3		3	3	190.5	5.4	
7	1	1	2		2	2	4	1				3		3	1		4	150	2.1	9.3
8	1		3	1	6	4							1				8	172	4	1.8
9	1	1	4	3	6	6											3	189.5	3.8	2.3
10			3	1	3	4	5				1			2			5	122.5	1.2	6.3
11			1		3	4	6	3	1	1							5	227.5	5.2	
12			1	1		1	7		2		5	1	1				5	191.5	4.7	
13							4	1	1		9	2					7	214	3.4	
14			1	3			3		1		4		3				9	138	3.6	
15		3		1	2	3	2	1			3						9	166	3.6	1
16	5		1	1	1		1				1		2			3	9	157	1.2	3.3
17	1	1		1	4		2				1		4	1	1	2	6	185	4.5	
18	4				7	4	4						3				2	211	5.5	
19			2		3	1	3	1	4		3		4				3	172	5.9	
20							1	1	3	1	4				3		11	164	4.3	
21	4	2	3				4	1	1		1	1	1			2	4	162	4.3	.3
22	4	1	4		4		1				1		2	2		1	4	164	3.2	.3
23	2		3	1	6		1					1	2	3	1		4	212	6.1	
24	1	1	2	1	6		4				2		3		1		3	205	6.4	
25		1	4		1		7				1		3		1		6	148	3	5.1
26	2	1	5	1	1		3		1		2			1			7	141	3.2	1
27	1		8		4	2	4							1			4	180	3.6	.9
28	1	1	2			1	13					1	1				4	204	6.1	
29			8		2		3	1	2		4						4	198	4.3	1.5
30	3		2				1		2		2	5	3	1		4	1	209	3.7	
31			1				8		1	1	2		2	1			8	134	2.9	
Total	36	30	89	21	82	38	95	10	19	3	49	15	42	21	9	21	164	5,601	132.7	39.8
Mean	1.2	1	2.9	0.7	2.6	1.2	3.1	0.3	0.6	0.1	1.6	0.5	1.4	0.7	0.3	0.7	5.3	180.7	4.3	1.3

EXTREME VALUES.

Day.	Maxima.						Minima.					
	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.
	mm.		°C.		*Per cent.*	*mm.*	*mm.*		°C.		*Per cent.*	*mm.*
1	760.47	9.00a.	33.3	2.20p.	96	21.8	756.84	4.00p.	22.4	5.45a.	60	18.9
2	59.30	8.30a.	34.8	0.55p.	93	**19.8**	56.25	3.40p.	22.2	5.50a.	48	18.3
3	58.95	11.10p.	33.3	0.10p.	**84**	20.3	56.55	5.40p.	23.9	5.35a.	48	17.2
4	59.30	10.25p.	33.3	1.55p.	90	21.5	56.70	3.20p.	23.5	2.45a.	58	17.7
5	59	10.25p.	34	8.35p.	96	20.4	56.35	4.05p.	22.2	5.55a.	48	**16.6**
6	58.95	8.45a.	34	1.45p.	91	21.2	56.21	4.00p.	23.3	4.50a.	52	17.7
7	59.30	9.35p.	32.7	1.15p.	95	23.2	56.70	2.05p.	22.8	3.50a.	66	19.7
8	60.05	10.25p.	32.5	9.20a.	**97**	22.9	57.17	4.00p.	23.4	5.40a.	61	19.3
9	60.50	9.40a.	33.4	3.20p.	90	22.7	**58.05**	3.50p.	22.5	5.40a.	58	18.7
10	60.12	9.00a.	**30.7**	2.30p.	95	23.3	57.20	4.05p.	22.8	5.35a.	**71**	19.4
11	59	10.30p.	33.2	1.15p.	**97**	22.3	56.10	4.15p.	22.8	5.10a.	55	18.9
12	59.35	10.50p.	33.3	1.10p.	90	22.8	56.20	3.35p.	**24.8**	1.50a.	62	20.8
13	58.85	7.30p.	31.9	0.20p.	93	22.6	56.55	4.55p.	24.2	5.35a.	64	**21**
14	58.20	9.50a.	31.3	11.55a.	90	21.6	55.30	3.40p.	24.7	5.45a.	64	19.8
15	58.80	10.35p.	34.5	1.25p.	95	23	55.25	3.35p.	23.3	5.05a.	54	19.6
16	60.60	10.00p.	31.3	10.50a.	96	23	57.90	2.40p.	23.5	6.25a.	**71**	20.8
17	**60.95**	9.45a.	32.9	4.05p.	**97**	22.8	57.60	5.15p.	22.5	5.45a.	61	19.9
18	60.20	0.05a.	34.9	2.55p.	92	21.4	56.60	3.10p.	22.8	5.40a.	**45**	18
19	59.15	8.15a.	34.7	3.35p.	93	21.5	55.30	4.25p.	22.2	5.20a.	52	18.9
20	59.25	10.45p.	33.8	11.40a.	92	22.9	56.35	4.10p.	24	5.20a.	60	19.7
21	58.85	9.30p.	**35.5**	2.15p.	95	23.5	55.85	2.20p.	23.8	11.55p.	49.5	19.9
22	59.10	10.00p.	31.9	11.45a.	93	24	56.39	5.00p.	23.1	3.45a.	68	19.1
23	59.15	8.30a.	34.5	3.20p.	93	21.1	55.70	3.25p.	**22**	2.45a.	54	18.3
24	59.05	8.50a.	34.5	3.35p.	89	21.1	56.05	4.15p.	23.2	5.55a.	53.5	19.1
25	59.15	8.45a.	33.5	11.55a.	90	25.1	56.40	4.20p.	23.2	5.35a.	59	19.3
26	58.25	9.30a.	34	1.05p.	92	**25.5**	56	3.55p.	23.2	3.30a.	59	19.7
27	**57.55**	8.00a.	34.2	1.45p.	95	23.1	**54**	3.30p.	24	4.55a.	58	20.3
28	57.85	9.05p.	34.3	0.25p.	96	22.4	54.90	3.30p.	23.6	3.40a.	54	20
29	58.60	10.35p.	35.1	0.55p.	96	23.2	54.75	2.30p.	23.9	5.10a.	53	20.9
30	58.88	9.00a.	31.9	1.55p.	94	23.1	56.03	4.00p.	24.3	5.40a.	69	20.8
31	59	11.30p.	33	0.10p.	94	23.2	56.50	3.55p.	24	5.40a.	66	20.9
Mean	759.22	-------	33.4	-------	93.2	22.5	756.25	-------	23.3	-------	58.1	19.3

DAILY GENERAL REMARKS.

1---⊤ N in the forenoon; ● in the afternoon.
2---Cloudy weather.
3---d² at night.
4---d² in the early morning; p° in the evening.
5---Cloudy weather.
6---p° in the afternoon.
7---d in the morning; ⌈⌊ various points, ● in the afternoon.
8---● 10.35 a. m.
9---●, ⌈⌊ SW in the afternoon.
10---● in the forenoon, afternoon and evening; ⊤ NW 12.17 p. m.
11---Overcast.
12---⊤° SSE, ⊤ NNE, ⌊ SE and NNW in the evening.
13---⊕° in the morning; somewhat gusty SW winds in the afternoon.
14---d° in the morning.
15---⌈⌊ NE and N, ⌈⌊° W in the afternoon; d² in the evening.
16---p, ⊤ NNE in the forenoon; ⌈⌊ various points, ● in the afternoon.
17---Convergence of Ci. toward N in the afternoon.
18---⌈⌊ N in the afternoon.
19---Fair weather.
20---⊤ ESE in the forenoon; ⌈⌊ S and NNE in the afternoon.
21---⌈⌊ NE quadrant, d in the afternoon.
22---●°, d°, ⌈⌊ NNE and NW in the afternoon; ⊤ N in the evening.
23---⌈⌊ NE in the afternoon.
24---Slight coloration of upper clouds at sunrise.
25---p°, ●, ⌈⌊ N, ⊤ NE in the afternoon.
26---p in the afternoon.
27---p° in the afternoon; d° in the evening.
28---⊤° N 4.50 p. m.
29---⊤ N, S in the afternoon; ⌈⌊ NE quadrant, ●° in the evening.
30---Overcast.
31---⌈⌊ NNE and NE, p° in the afternoon.

OBSERVATIONS FOR JUNE, 1916.

ATMOSPHERIC PRESSURE, 700mm+.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	58.55	58.05	57.60	57.50	57.55	57.71	58.19	58.24	58.29	58.36	57.86	57.33
2	**57.80**	57.25	56.90	56.85	56.90	57.23	57.53	57.54	57.78	57.59	57.23	56.82
3	57.30	57.10	56.55	56.40	56.70	57.07	57.32	57.48	57.58	57.53	57.30	57.04
4	57.60	57.45	56.95	56.65	56.70	56.83	57.16	57.74	57.55	57.57	57.50	57.07
5	57.20	56.50	56.65	56.85	56.90	57.32	57.35	57.58	**57.86**	57.51	57.12	56.71
6	**57.05**	**57.05**	56.50	56.65	56.75	57.02	56.94	56.63	56.84	56.39	56.01	55.73
7	56.10	55.95	55.80	55.45	55.65	56.02	56.43	56.65	**57.09**	56.84	56.41	55.97
8	55.65	55.45	55.35	55.25	55.45	55.71	55.81	55.92	56.03	56.14	55.69	55.23
9	55.80	55.70	55.45	55.45	55.30	55.39	55.59	55.93	55.87	55.69	55.33	54.97
10	55.55	55.20	55.25	55.25	55.80	56.28	56.52	**56.61**	56.58	56.27	55.67	55.15
11	55.50	55.25	55.35	55.40	55.40	55.42	55.70	55.55	55.83	55.69	55.11	54.64
12	54.65	54.25	54.10	54.10	54.10	53.91	53.91	53.91	53.99	54.03	53.86	53.22
13	53.80	53.25	53.05	53.05	**52.80**	52.86	53.45	54.16	54.30	54.34	54.07	53.98
14	54.45	54.05	53.90	**53.80**	53.90	54.12	54.55	54.83	55.21	55.61	55.55	55.55
15	55.65	55.35	54.85	54.55	54.80	55.23	55.61	55.64	55.59	55.40	55.38	55.32
16	55	54.50	54.25	54.30	54.30	54.54	55.07	55.18	55.25	55.32	55.25	55.02
17	55.30	54.95	54.85	54.90	54.85	55.34	55.82	55.74	55.98	56.24	55.83	55.36
18	56.45	56.20	56.05	56.25	56.65	56.94	57.10	56.79	57	56.95	56.87	56.56
19	57.55	56.85	56.60	56.50	56.90	57.29	57.62	57.69	57.57	57.52	57.43	56.62
20	57.15	56.45	56.55	56.60	57	57.24	57.46	57.49	57.41	57.33	56.95	56.69
21	57	56.80	56.90	56.60	56.65	57.19	57.78	57.19	57.22	57.37	57.07	56.69
22	57.60	57.65	56.95	**56.60**	56.70	57.07	57.77	57.96	58.24	58.25	58.51	58.48
23	58	57.95	58	58	58.10	58.40	58.79	59.12	59.21	59.09	58.84	58.44
24	58.95	58.55	58.35	58.35	58.70	59.19	59.84	60.10	60.21	59.99	59.73	59.22
25	59.90	59.35	59.35	59.45	59.50	60.24	60.75	**61**	60.88	60.83	60.52	60.04
26	59.70	59.30	59.20	59.20	59.35	60.11	60.18	60.15	60.22	59.90	59.49	58.94
27	59.15	58.75	58.45	58.40	58.45	58.84	59.02	59.25	59.28	59.09	58.87	58.26
28	58.55	58.25	58.10	57.95	58.15	58.75	59.05	59.47	59.49	59.44	59.07	58.69
29	59.40	58.85	58.90	58.95	59.10	59.37	59.80	60.02	60.18	**60.21**	59.79	59.89
30	59.05	58.90	59.10	58.85	58.95	59.21	**59.73**	59.36	59.43	59.22	58.77	58.47
Mean	57.05	56.70	56.53	56.47	56.60	56.93	57.26	57.36	57.47	57.39	57.10	56.74

TEMPERATURE (°C.).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	25	25.2	24.9	**24.6**	24.8	24.8	27	29.1	30.5	28.7	31.3	31.5
2	24.7	24.4	24.2	**23.8**	**23.8**	23.9	25.3	28.8	30	31.3	30.8	31.2
3	26.5	25.8	25	24.6	**24.3**	24.5	26.9	28.9	30.3	32.3	32.3	32.1
4	26.4	25.8	25.4	25	**24.7**	25	28.7	29.7	30.4	31	**31.2**	30.9
5	25.1	24.9	24.6	**24.4**	**24.4**	24.8	27.4	29.1	30.1	30	30.5	31.6
6	25.9	25.8	25.7	24.8	**24.6**	25	27.6	29.8	29.5	30.5	31.6	31.9
7	26.2	25.6	25.4	24.8	24.4	**24.3**	25.3	27.2	28.1	29.6	29.5	29.9
8	24.7	24.3	24.1	23.9	**23.7**	**23.7**	25.2	27.8	29.4	31	31.2	**32.2**
9	25	24.9	24.5	24.5	**24.3**	24.4	25.6	27.5	30.4	30.9	32.1	32.4
10	26.2	25.9	25.3	**25**	25.2	25.3	27.2	29.2	29.9	30.3	31.5	31.8
11	26	25.4	25.1	25	24.6	24.8	25.9	28.8	30.1	30.9	31.7	32.3
12	**24.1**	**24.1**	24.2	**24.1**	24.3	24.5	26.5	28	**29.2**	29	28.7	29
13	24.9	24.6	**24.1**	24.2	**24.1**	24.3	25.7	25.6	27	27.6	**29**	28.1
14	24.5	24.5	25.1	25.4	25.4	25	25.3	26	24.9	26	26	25.5
15	**23.4**	**23.4**	23.6	23.7	23.8	24	24.6	25.6	27.9	29.4	**30**	28.4
16	26.5	26.5	26.5	26.1	**25.3**	25.5	27.4	29.5	27.7	29.9	29.5	28.8
17	25.6	25.6	25.6	25.6	**25.3**	25.4	26.9	28.7	29.5	29.7	30.1	**30.9**
18	25.7	25.8	24.8	**24.5**	24.6	24.8	25.8	27.3	28	28.8	29.9	30.8
19	25.1	24.8	24.6	24.3	**24.2**	24.5	26.8	28.5	29	30.1	31	31.6
20	25.1	24.8	**24.5**	24.6	24.8	**24.5**	24.7	26.2	26.5	27.7	28.6	29.2
21	25.4	24.6	24.7	24.6	24.3	25.2	25.2	26.8	28.1	29.3	29.5	**29.7**
22	**23.2**	23.5	24	23.6	23.7	23.7	24.7	26	27.3	**27.7**	25.5	**24.9**
23	23.4	23.1	23	22.7	**22.4**	22.7	25.8	27.5	27.8	28.8	30	30.6
24	23.1	22.9	**22.7**	**22.7**	**22.7**	**22.7**	24.1	26.5	28.5	29.2	**29**	30.1
25	24.3	23.8	23.8	**23.7**	**23.7**	23.8	25.3	27.1	28.7	29.2	29.4	30.3
26	24.8	24.5	24.5	24.3	**24.1**	**24.1**	24.6	27.9	29.2	28.9	30	30.6
27	25.2	24.7	24.5	24.4	**24**	24.2	27.1	28.7	30	29.1	31	**32**
28	25.7	25.4	25.1	24.9	**24.8**	25.3	26.8	26.8	28.5	27.9	29.2	30.3
29	25.2	25.1	24.9	24.9	**24.3**	24.4	26.8	27.9	29.1	28.9	28.4	27.6
30	24.6	24.6	24.5	24.4	**24.3**	**24.3**	24.9	26.3	28.3	29.2	29.3	30.1
Mean	25	24.8	24.6	24.4	**24.3**	24.4	26	27.8	28.8	29.4	29.9	30.2

ATMOSPHERIC PRESSURE, 700mm+.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
56.75	56.11	**56.06**	56.44	56.97	57.12	57.44	58.30	58.65	58.55	**58.85**	58.45	57.70
56.30	55.42	54.81	54.63	**54.55**	55.09	56.01	56.70	57.10	57.40	57.55	57.45	**56.68**
56.49	55.80	55.25	**54.94**	55.16	55.48	56.13	56.70	57.10	57.60	**58**	57.80	**56.74**
56.60	55.90	55.77	**55.21**	55.87	56.45	56.95	57.10	57.50	**57.80**	57.65	57.60	**56.97**
56.20	55.45	54.84	**54.51**	54.85	55.50	56.06	56.55	57.35	57.25	57.55	57.50	56.63
55.22	54.71	**54.40**	54.57	54.50	54.84	55.45	55.50	55.50	56.30	56.85	56.45	55.99
55.23	54.62	54.05	**53.96**	54.19	54.82	55.01	55.70	55.90	56.40	56.45	56.35	55.71
54.67	54.22	54.14	**54.05**	54.27	54.83	55.62	55.80	56.25	56.55	**56.70**	56.45	55.47
54.36	54	**53.58**	53.71	53.91	54.35	55.07	55.85	55.85	56.70	**56.85**	56.30	55.29
54.54	54.08	**53.81**	53.91	54.20	54.73	55.15	55.95	55.95	56.45	56.40	55.95	55.47
53.77	53.20	**53.02**	53.08	53.65	54.12	54.60	55.45	55.85	**55.95**	55.85	55.60	54.96
52.86	**52.73**	52.85	53.11	53.18	53.61	53.83	54.20	54.50	**54.70**	54.50	54.10	**53.84**
53.59	53.63	53.36	53.46	54.09	54.49	54.89	55.30	55.45	55.60	**55.80**	55.25	54.08
55.14	55.50	55.30	55.16	55.25	55.37	55.51	56.35	56.45	56.60	**56.85**	56.60	55.23
55.17	54.76	**54.19**	54.35	54.25	54.65	55	55.45	55.75	55.70	**55.90**	55.55	55.17
54.75	54.20	53.80	**53.47**	53.69	53.97	54.89	55.35	55.65	**56.05**	56	55.85	54.82
54.86	54.50	54.17	**53.69**	53.88	54.57	55.31	55.70	56	56.55	56.60	**56.70**	55.32
56.29	56.24	56.05	**55.82**	56.03	56.29	56.45	57.05	57.35	57.95	**58.10**	58.05	56.73
56.10	55.62	**55.17**	55.22	55.90	56.32	56.44	57.05	57.45	57.70	**57.85**	57.60	56.86
56.23	55.94	55.81	55.81	**55.60**	56.01	56.45	57.10	57.50	57.70	**57.85**	57.55	56.83
56.29	55.85	55.64	55.98	**55.52**	55.75	56.58	57.25	57.50	57.85	**58.05**	57.75	56.85
58.21	57.84	57.09	57.01	57.26	57.86	58.25	**58.60**	58.30	58.25	58.20	58.15	57.78
58.08	57.43	**57.13**	57.23	57.93	59.27	59.39	59.95	60.05	**60.60**	60.30	59.60	58.70
58.84	58.44	58.31	**58.26**	58.57	58.96	59.42	59.95	60.40	60.70	**60.75**	60.20	59.33
59.67	58.88	58.79	58.89	**58.54**	58.78	59.30	59.85	60.10	60.25	60.10	60.05	**59.79**
58.26	57.57	57.71	**57.40**	58.11	58.67	58.87	59.50	59.80	**60.35**	60.15	59.50	59.23
57.87	57.32	**57.11**	57.14	57.27	57.82	58.26	58.95	59.40	59.60	**59.65**	59.30	58.56
58.27	57.37	**56.81**	56.87	57.35	57.70	58.75	59.25	59.70	59.95	**60.10**	59.50	58.61
59.74	59.15	58.43	57.97	**57.92**	58.14	58.50	59.30	59.65	59.70	59.75	59.50	59.26
57.94	57.07	56.82	**56.47**	56.71	57.09	57.86	58.45	58.85	59.05	59.25	58.90	58.48
56.28	55.78	55.48	**55.41**	55.64	56.09	56.58	57.14	57.43	57.73	**57.82**	57.52	56.77

TEMPERATURE (°C.).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
32.1	**32.5**	30.4	29.3	26.7	25.8	25.5	25.7	25.6	25.4	**25.1**	24.8	27.3
31.5	32.8	33.4	**33.8**	32.9	30.2	29.5	29.2	28.7	27.7	27.5	26.9	28.6
33.1	33	**33.4**	**33.4**	32.3	30.3	29.3	29	28.5	27.6	27.4	26.5	**29.1**
30.9	**31.2**	**31.2**	30.5	30	29.3	28.5	26.8	26.6	26.2	25.5	25.2	28.2
32	**34.1**	33.8	31.6	30.2	29.2	28.7	28.4	28.1	27.2	26.4	26.2	28.4
31.9	32.6	**33.2**	30.5	30.2	29.1	28.1	28.1	27.8	26.6	26.3	25.9	28.5
29.7	30	**30.9**	29.8	27.7	27.3	26.7	26.1	25.8	25.5	25.3	24.8	27.1
32.1	31.2	30	29.2	29	28.9	25.7	25.1	24.9	25	24.8	25.1	27.2
32.9	**34**	32.9	31.7	30.7	30.1	29.2	28.9	28.2	27.6	27.6	26.8	28.6
32.5	32.1	31.7	30.4	**29.7**	28.8	28.3	28.2	27.8	27.2	26.9	**26.4**	28.4
33.2	31.6	30.8	30.8	**27.8**	25.2	26	25.1	25.2	24.6	24.5	**24.2**	27.5
28	28.5	27.2	25.9	26.2	25.5	25.4	25.3	24.7	25.2	24.5	24.3	26.1
27.7	27	26.8	26.5	25.6	25.2	25	24.8	24.6	24.5	24.4	24.8	**25.7**
26.4	24.8	24.7	24.9	24.6	24.2	24	24.2	24	23.9	24	**23.4**	24.9
26.8	26.9	27.5	27.6	27.2	26.9	26.6	26.9	26.8	26.1	26.1	26.1	26.2
27.4	28.5	28.5	**30.2**	29.8	28.3	28	28	27.1	26.9	26.6	26.4	**27.7**
30.1	30	29.8	29.2	28.8	28.4	27.9	27.2	27.2	26.3	26	25.6	**27.7**
30.9	29	28.7	28.5	28.5	27.6	27.1	26.8	25.8	25.6	25.5	25.2	27.1
31.5	**32.2**	31.5	28.5	26.9	25.2	25.6	25.6	25.7	25.5	25.3	25.4	27.2
29.2	**29.6**	28.1	28.5	28.6	26.9	26.7	26.9	26.7	25.7	24.9	25.3	**26.6**
29.7	27	27.3	26.9	26.7	26.2	25.8	25.3	25.2	25.3	23.7	**23.4**	26.2
25.3	26	26.2	26.5	25.6	25.1	24.4	24.1	23.9	23.8	23.6	23.6	**24.8**
30.3	**30.9**	30.5	30.6	29.8	24.1	23.3	23.4	23.6	23.5	23.6	23.3	26
30.1	31	**31.5**	29.8	29	28.3	27.8	26.6	25.9	25.3	24.8	24.5	**26.6**
30.9	29.5	28.5	27	26.9	27	27.5	26.6	26.1	25.8	25.4	24.9	**26.6**
31.1	**32**	31.5	29.7	28.7	27.3	26.9	26.9	26.5	26.1	25.6	25.4	**27.3**
31.8	31.4	31.7	28.5	28.6	28.7	27.7	27.1	26.7	26.5	26.2	26	**27.7**
30.9	**31.1**	30.8	30.4	29.4	28.3	28.1	27.1	26.2	26	26	25.4	**27.5**
26.8	27.7	**29.3**	29	27.9	26.7	25.7	25.6	25.5	25.1	24.8	24.7	**26.5**
28.8	29.4	30.1	**30.3**	29.2	27.8	26.7	26	25.7	25.9	26	25.2	**26.9**
30.2	**30.3**	30.1	29.3	28.5	27.4	26.9	26.5	26.2	25.8	25.5	**25.2**	**27.1**

RELATIVE HUMIDITY (%).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	95	94	96	97	95	96	86	77	69	78	69.5	66
2	94	95	95	97	96	96	90	75	71	64.5	71	68
3	83	88	93	94	95	94	83	74	66	57	56	53
4	82	85	88	91	92	90	73	71	67	68	69	68
5	90	92	92	92	92	90	81	76	71	73	70	62
6	89	90	88	92	92	90	79	69	68	61	60	61
7	83	82	84	89	90	89	88	82	80	74	72	70
8	94	95	95	96	96	96	88	79	71	64	61	58
9	93	94	96	95	97	97	89	78	66	64	59	59
10	84	87	90	92	92	92	83.5	71.5	67	64	60	59
11	83	86	87	87.5	90	89	86	75.5	70	66	62	60
12	97	98	97	97	98	97	89	80	76	74	80	77
13	97	96	97	97	97	97	88	88	81	80	78	79
14	96	95	92	90	90	92	91	91	92	91	94	95
15	97	99	98	98	97	97	94	93	83	78	74	77
16	91	90	90	93	98	95	87	77	90	77	78	79
17	96	96	95	95	96	95	90	83	79	78	76	72
18	94	93	95	97	97	97.5	93	85	82	78	72	70
19	94	95	96	98	98	96	86	81	75	69	69	66
20	94	94	96	94	93	93	92	85	87	83	78	74
21	89	94	93	94	95	90	92	81	77	74	72	70
22	97	97	96	98	97	97	95	89	82	79	89	91
23	94	95	94	93	95	92	81	76	79	77	73	72
24	97	97	98	96	97	97	92	87	78	78.5	78	75
25	94	96	95	96	96	95	89	85	81	79	79	75
26	92	94	93	93	94	94	94	80	74	76	75	72
27	94	94	95	95	97	96	86	83	73	76	71	65
28	94	94	95	96	97	94	89	90	80	82	78.5	73
29	96	94	93	93	96	94	83	81	77	78	77	85
30	94	94	96	95	96	96	93	88	78	73	73	71
Mean	92.2	93.1	93.6	94.4	95	94.1	87.7	81	76.3	73.8	72.5	70.7

VAPOR PRESSURE (mm).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	22.4	22.4	22.4	22.4	22.1	22.3	22.7	23.1	22.4	22.9	23.6	22.9
2	21.8	21.6	21.3	21.2	20.9	21.1	21.5	22	22.3	21.9	23.4	23
3	21.4	21.6	22	21.6	21.4	21.5	22	21.9	21.1	20.4	20.3	18.9
4	21.1	21.1	21.3	21.3	21.2	21.2	21.4	21.9	21.6	22.7	23.5	22.5
5	21.3	21.4	21.1	21	21	20.9	21.8	22.8	22.4	22.9	22.6	21.5
6	22.2	22.3	21.5	21.5	21.2	21.2	21.5	21.6	20.8	19.7	20.9	21.3
7	21	20	20.3	20.7	20.4	20.1	21	21.9	22.6	22.8	22.2	21.9
8	21.8	21.4	21.1	21.1	20.8	20.8	21.1	21.8	21.6	21.5	20.7	20.7
9	22	22	21.9	21.7	21.8	21.9	21.8	21.2	21.2	21.3	21	21.2
10	21.2	21.6	21.5	21.6	21.8	21.9	22.4	21.5	20.9	20.4	20.5	20.6
11	20.7	20.7	20.5	20.6	20.7	20.7	21.4	22.2	22.2	22	21.5	21.7
12	21.7	21.9	21.7	21.5	22.2	22	22.8	22.5	22.8	22	23.3	22.9
13	22.6	22	21.5	21.7	21.5	21.8	21.7	21.4	21.5	21.9	23.1	22.4
14	21.9	21.7	21.7	21.7	21.7	21.6	21.8	22.7	21.6	22.7	23.3	23
15	20.8	21.2	21.3	21.4	21.3	21.4	21.6	22.5	23.2	23.7	23.4	22
16	23.4	23.2	23.2	23.3	23.4	23	23.5	23.7	24.8	24	23.8	23.3
17	23.3	23.3	23.2	23.2	23	22.9	23.6	24.2	24.1	24.1	24.1	23.8
18	23.1	22.8	22.1	22.3	22.4	22.6	23.1	22.9	23.1	23	22.6	23
19	22.3	22.1	22	22.2	22.1	21.9	22.6	23.4	22.3	22	22.9	23
20	22.3	21.9	21.9	21.6	21.7	21.3	21.4	21.4	22.4	22.9	22.7	22.2
21	21.5	21.6	21.5	21.6	21.4	21.4	21.8	21.2	21.8	22.3	22	21.6
22	20.6	20.7	21.2	21.3	21	21.2	21.9	22.3	22.1	21.6	21.7	21.2
23	20.1	19.9	19.6	19	19.1	18.9	19.9	20.6	21.8	22.6	23.1	23.4
24	20.5	20	20.1	19.6	20	19.8	20.6	22.4	22.6	23.6	23.1	23.9
25	21.2	20.9	20.8	20.8	20.8	20.8	21.4	22.7	23.7	23.9	24.2	24
26	21.5	21.5	21.3	21	21	21	21.6	22.3	22.3	22.5	23.5	23.6
27	22.4	21.8	21.7	21.6	21.4	21.5	22.8	24.2	23.1	22.8	23.7	23
28	23.1	22.7	22.5	22.4	22.5	22.6	23.3	23.7	23.2	22.7	23.6	23.3
29	22.8	22.3	21.8	21.8	21.6	21.3	21.8	22.6	23.1	23.2	22	23.3
30	21.6	21.6	21.9	21.6	21.6	21.6	21.8	22.3	22.3	21.9	22.1	22.4
Mean	21.8	21.6	21.5	21.5	21.4	21.4	21.9	22.4	22.4	22.4	22.6	22.4

RELATIVE HUMIDITY (%).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
64	**61**	70	78	85	91	92	91	91	91	92	93	84.1
68	62.5	58	**54**	55	69.5	69	71	75	80	78.5	81	76.4
51	**50**	52	51	52	64	68	69	72	75	79	82	**70.9**
65	**61**	62	68	68	71	74	83	83	86	89	90	76.8
59.5	**51**	53	60	73	78	78	76	79	83	89	89.5	77.1
60	60	**59**	66	68	74	77	74	76.5	83	85.5	86	75.3
71	69	**68**	69	79	82	85	89	90	91	92	**93**	81.7
61	67	72	76	76	73	88	92	**92**	94	95	93	82.2
56	**53**	56	59	63	63	68	71	74	77	78	80	74.4
59	63	62	68	64.5	69	72	74	77	78	80	81	74.6
59	65	72	67	79	95	88	92	92	94	**97**	**97**	80.8
83	80	84	**92**	91	95	93	94	97	94	97	97	89.9
79	83	86	86	89	92	93	95	96	96	96	93	90
90	93	**95**	93	96	97	97	97	97	97	97	**99**	**94**
88	89	87	85	86	89	90	88	88	94	93	92	89.8
87	77.5	80	**75**	77	82	84	84	90	90	92	**93**	85.7
75	75	74	75	78	80	82	85	87	94	94	95	85.2
71	81	76	76	74	81	84	85	91	92	91	92.5	85.3
65	**61**	68	82	92	97	95	93	92	93	93	91	85.2
74	**72**	81	77	74	81	81	81	80	90	93	89	84.8
72	80	79	77	80	83	85	89	90	91	94	**97**	84.9
87	83	84	82	86	88	94	95	96	95	96	96	91.2
74	72	72	**71**	74	97	**99**	97	97	97	97	97	86
74	69	**66**	69	80	77	79	89	92	93	95	95	85.4
71	73	78	85	86	86.5	81	90	91	91	93	93	86.6
69	**66**	68	75	80	86	89	90	89	91	93	93	84.2
66	68	66	80	81	80	86	87	90	90	91	92	83.4
69	**68**	72	74	76	81	81	88	91	92	91	94	85
90	86	76	**75**	80	87	90	92	92	93	95	**94**	87.4
79	75	72	73	78.5	86	88	89	91	91	88	94	85.5
71.2	**70.5**	71.6	73.9	77.4	82.5	84.3	86.3	88	89.9	91.1	91.7	83.5

VAPOR PRESSURE (mm).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
22.6	22.2	22.7	23.5	22.1	22.4	22.2	22.3	22.1	21.9	**21.7**	**21.7**	22.5
23.4	23.1	22.1	21.2	**20.5**	22.1	21.2	21.4	22.1	22	21.4	21.3	21.8
19.1	18.8	19.7	19.6	**18.6**	20.7	20.6	20.4	20.8	20.5	21.4	21	**20.6**
21.7	**20.7**	20.9	22.2	21.4	**21.5**	21.4	21.6	21.5	21.8	21.7	21.4	21.6
21	**20.4**	20.7	20.9	23.2	**23.4**	22.9	21.9	22.2	22.2	22.7	22.6	21.9
21.1	21.9	**22.4**	21.4	21.7	22	21.8	20.8	21.2	21.5	21.7	21.4	21.4
21.9	21.7	22.5	21.4	21.9	22.1	22.1	22.5	22.3	22	21.9	21.7	21.6
21.8	22.6	22.7	**22.8**	22.5	21.5	21.5	21.7	21.6	22.1	22.1	22.1	21.6
20.9	21	20.9	20.6	20.6	**20**	20.3	20.9	20.9	21.1	21.3	21	21.2
21.4	22.2	21.6	21.8	**20**	20.4	20.7	20.9	21.4	20.8	20.9	20.7	21.2
22.4	22.4	**23.9**	22	21.8	22.6	21.9	21.7	21.8	21.6	22	21.7	21.7
23.3	23.2	22.6	22.8	23	23	22.5	22.6	22.3	22.4	22	21.8	22.4
21.9	21.9	22.4	22	21.8	21.8	22	22.1	22	21.9	21.7	21.7	21.9
23.1	21.7	21.9	21.8	22	21.8	21.6	21.7	21.6	21.5	21.6	**21.2**	22
23	23.4	23.6	23.3	23	23.4	23.4	23.2	23	23.4	23.3	23	22.6
23.5	**22.4**	23.2	23.8	24.1	23.6	23.5	23.5	24.1	23.6	23.8	23.7	**23.6**
23.9	23.5	23.1	**22.6**	22.8	22.8	23	22.8	23.4	23.7	23.3	23.2	23.4
23.4	**24**	22.2	22	**21.4**	22.1	22.4	22.2	22.4	22.4	22	22	22.6
22.2	**21.7**	23.3	23.6	**24.2**	23	23.2	22.8	**22.5**	22.4	22.2	21.9	22.6
22.3	22.1	**22.9**	22.2	21.5	21.3	21.1	21.3	**20.7**	22.1	21.8	21.4	21.8
22.3	21.1	21.3	**20.4**	20.7	21	21.1	21.4	21.4	21.8	20.5	20.6	21.4
20.8	20.7	21.2	21	21	20.9	21.3	21.1	21.1	20.8	20.7	20.7	21.2
23.6	**24.1**	23.5	23.1	23.1	21.5	21.1	20.6	20.9	21	20.9	20.7	21.3
23.5	23.2	22.9	21.6	23.7	21.9	22	23	22.8	22.2	22.1	21.7	22
23.4	22.4	22.6	22.5	22.5	22.9	22.2	23.1	22.9	22.4	22.3	21.8	22.3
23.3	23.4	23.4	23.3	23.5	23.1	23.4	**23.6**	22.8	22.9	22.5	22.3	22.5
23.1	23.1	22.9	23	23.5	23.3	23.7	23.2	23.5	23	23	22.9	22.8
22.8	22.8	**23.7**	**23.7**	23.3	23.2	22.9	23.5	23	22.9	22.7	22.7	23
23.4	**23.7**	23.1	22.3	22.3	22.7	22.1	22.4	22.2	22.1	22.1	21.8	22.4
23.3	22.9	22.9	23.3	23.6	**23.9**	22.9	22.3	22.3	22.6	21.9	22.4	22.4
22.4	22.3	22.4	22.2	22.2	22.2	22.1	22.1	22.1	22.1	22	21.8	22

CLOUDS—FORM AND DIRECTION.

Day.	8 a.		9 a.		10 a.		11 a.		Noon.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1	Ci.	Cu.	Ci.	Cu.-N. E		Cu. E		Cu. E		Cu. E
2	A.-Cu.	Cu.	A.-Cu.	Cu.	A.-Cu.	Cu. E	A.-Cu. ESE	Cu. E		Cu. E
3	Ci.	Cu.	Ci.	Cu.	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu. E
4	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu. E	Ci.-S.	Cu. E
5		Cu.		Cu. SE	Ci.	Cu. SE	Ci.-S.	Cu. SE	Ci.-S.	Cu. SE
6	Ci. NNE	Cu.	A.-Cu. NNE	Cu.	Ci.	Cu.	Ci.	Cu. ENE	Ci.-S.	Cu.
7	A.-Cu.	S.-Cu.		S.-Cu.	Ci.-S.	N.-cf.	Ci.-S.	N.-cf. E		N.-cf. E
8	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.-N.
9	Ci.-S.	Cu.	Ci.-S.	Cu.	A.-Cu.	Cu. ESE	Ci.	Cu. ESE	Ci.	Cu. ESE
10	Ci.-S.	Cu.	Ci.-S.	Cu. SSE	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.
11	Ci.-S.	S.-Cu. SSW	Ci.-S.	Cu. S	Ci.-S.	Cu. S	A.-Cu.	Cu. S	Ci.-S.	Cu. S
12	Ci.-S.	Cu.	Ci.-S.	Cu.		Cu. SW		Cu. SW		Cu.-N. SW
13		N.		Cu. SSW		N.-cf. SSW	Ci.-S.	Cu. SSW		N.-cf. SSW
14		N. SW		N.		N. WSW		N. WSW		N. WSW
15	Ci.-S.	S.-Cu. WSW	A.-Cu.	Cu. WbyS		Cu.	A.-Cu. E	Cu.		Cu.-N.
16	Ci.-S.	Cu.		Cu.-N.		Cu.-N. W		Cu.-N. W	Ci.-S.	Cu.-N.
17	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.
18	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.
19	Ci.	Cu. E	Ci.	Cu. E	Ci.-S.	Cu. E	Ci.	Cu.	Ci.-S.	Cu. E
20		Cu.		Cu.	A.-Cu.	Cu. SW	A.-Cu. SE	Cu.	A.-Cu. SE	Cu.
21	A.-Cu.	Cu. SW	A.-Cu.	Cu. SW	Ci.-Cu. SE	Cu.	Ci.-S.	Cu.	Ci.	Cu.
22		S.-Cu.		S.-Cu.		S.-Cu.		Cu.-N. SW		N. SW
23	A.-Cu. SSE	Cu.	A.-Cu. SSE	Cu.	A.-Cu. SSE	Cu.	A.-Cu. SE	Cu.	A.-Cu.	Cu.-N. SSW
24	Ci. ENE	S.-Cu.	Ci. ENE	Cu.	Ci. ENE	Cu.	Ci.	Cu.	Ci.	Cu.-N.
25	Ci.-S.	S.-Cu.	Ci.-S.	Cu. NE	Ci.	Fr.-Cu. NE	Ci.	Fr.-Cu.	Ci.	Cu.
26	Ci.	Cu.	Ci. S	Cu.	Ci. S	Cu.	Ci.	Cu.	Ci.	Cu.
27	Ci.	Cu. SSE	Ci.	Cu. SSE	Ci.	Cu. SSE	Ci.	Cu. SSE	Ci.	Cu.
28	Ci.-S.	Cu. ESE	Ci.	Cu. NNW	Ci.-S.	Cu. E	Ci.-S.	Cu. EbyS	Ci.-S.	Cu.
29	Ci.	Cu.	Ci.	Cu. ESE	Ci.	Cu. ESE		Cu.-N. E		Cu.-N. E
30		Cu.-N. E	Ci.-S.	Cu.-N. E	Ci.-S.	Cu. E	Ci.-S.	Cu.	Ci.-S.	Cu.

Day.	1 p.		2 p.		3 p.		4 p.		5 p.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1		Cu. E	Ci.	Cu.-N.		Cu.-N.		Cu.-N.		Cu.-N.
2		Cu. E	Ci.-Cu.	Cu. E	Ci.	Cu. E	A.-Cu.	Cu. E	Ci.-S.	Cu. E
3	Ci.	Cu. E		Cu.		Cu.		Cu.		Cu.
4	Ci.-S.	Cu. E	Ci.-S.	Cu. E	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.-N.
5	Ci.	Cu.	Ci.	Cu. SE		Cu.-N.		Cu.-N.		Cu. SE
6	Ci.	Cu.	Ci.	Cu. E		Cu. E		Cu. E	Ci.	Cu. E
7		N.-cf. E		N.-cf. E	Ci.	Cu. E		Cu.-N.		S.-Cu.
8	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.
9	Ci.-S.	Cu. ESE	Ci.	Cu. EbyS	A.-Cu.	Cu.		Cu. EbyS	Ci.	Cu. EbyS
10	Ci.-S.	Cu.	A.-Cu.	Cu.	A.-Cu.	Cu. ESE	A.-Cu.	S.-Cu.	Ci.-S.	Cu.-N.
11	Ci.-S.	Cu. SSE	Ci.	Cu. SSE		Cu. SSE		Cu.-N. SSE		Cu.-N. SSW
12		Cu. SW		Cu.-N. SW		Cu.-N. SW		N. SW		N.
13		N.-cf. SSW		N.-cf. SSW		N. SSW		N. SW		N. SW
14		N. WSW		N.		N.		N.		N.
15		N.		N.	Ci.-S.	N. SW		Cu.-N. SW		Cu.-N.
16		Cu.-N.		Cu.-N. SW		Cu.-N. SW	A.-Cu.	Cu.-N. SW	Ci.-S.	Cu.-N. SW
17	Ci.-S.	Cu.	Ci.-S.	Cu. SW	Ci.-S.	Cu.	Ci.-S.	Cu. SW	Ci.-S.	Cu. SW
18	Ci.-S.	Cu.-N.	Ci.-S.	Cu.-N. E	Ci.-S.	Cu.-N.	Ci.-S.	Cu.-N. E	Ci.-S.	Cu.-N.
19	Ci.-S.	Cu.-N. E	Ci.	Cu.	Ci.-S.	Cu.-N.		Cu.-N.		Cu.-N.
20	A.-Cu. SE	Cu.	A.-Cu. SE	Cu. SW	Ci.-S.	Cu. SW	Ci.-S.	Cu. SW	A.-Cu.	Cu. WSW
21	Ci.-S.	Cu. SW		Cu. SW		Cu.		Cu.	A.-Cu.	Cu.
22		Cu.-N.		Fr.-N. SWbyW		Cu. SWbyW	Ci.-S.	Fr.-N. SWbyW	Ci.-S.	Fr.-N. SW
23	A.-Cu.	Cu.	A.-Cu. SSE	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.-N.
24	Ci.-S.	Cu.-N.	Ci.-S.	Cu.-N.	Ci.-S.	Cu.-N.	Ci.-S.	Cu.-N. E	Ci.-S.	Cu.-N. E
25	Ci.-S. S	Cu.	Ci.-S.	Cu.-N.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	S.-Cu.
26	Ci.	Cu.	Ci.	Cu.-N.	Ci.-Cu.	Cu.-N.		Cu.-N.		Cu.-N.
27	Ci.	Cu.	Ci.	Cu.-N.	Ci.-S.	Cu.-N.	Ci.-S.	Cu.-N. SW	Ci.-S.	Cu.-N.
28	Ci.-S.	Cu.	Ci.-S. E	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.-N.	Ci.-S.	Cu.-N.
29		N.-cf.		Cu.-N.	Ci.-S.	Cu.-N.	Ci.-S.	Cu.-N.	A.-Cu.	Cu.-N.
30	Ci.-S.	Cu.-N.	Ci.-S.	N.-cf. ESE	Ci.-S.	Cu. ESE	Ci.-S.	Cu. ESE	Ci.-S.	Cu. ESE

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 a.		2 a.		3 a.		4 a.		5 a.		6 a.		7 a.		8 a.		9 a.		10 a.		11 a.		Noon.	
1	SE	1	N	0.5	NE	1.5	N	1.5	N	1.5	NbyE	1	Calm		SE	0.5	Calm		NW	0.5	WSW	4	WSW	2.5
2	Calm		Calm		NE	1	NE	1	Calm		NEbyE	.5	NE	0.5	Calm		ESE	0.5	E	.5	WSW	1.5	WbyS	3
3	SE	1.5	SE	1	SE	1	Calm		Calm		ENE	.5	Calm		Calm		Calm		Calm		SW	2	SW	4.5
4	SE	.5	SE	.5	Calm		SE	.5	NE	.5	Calm		Calm		Calm		SW	2.5	SW	3.5	SW	1.5	SW	1.5
5	Calm		Calm		NNE	1.5	NE	2	Calm		Calm		Calm		Calm		WSW	3	SW	2	Calm		SE	2
6	E	.5	Calm		NNE	1.5	NE	1.5	NNE	1	Calm		Calm		W	3	W	1.5	WSW	1	WSW	3	WSW	3
7	Calm		NNE	1.5	NNE	1	Calm		NE	1	Calm		Calm		Calm		Calm		Calm		Calm		W	2.5
8	NE	1	NE	1	NE	1	NE	1.5	NE	.5	Calm		Calm		Calm		E	.5	S	.5	S	1	E	.5
9	S	1	SE	1	Calm		SE	1	Calm		SE	.5	ENE	1	NE	.5	Calm		E	1	SE	6.5	SE	5
10	ESE	1	E	1.5	ESE	.5	ESE	.5	ESE	.5	ESE	.5	E	1	SSE	2	SSE	2.5	SE	3	SSE	3	SSW	2.5
11	SE	2	SE	1	Calm		Calm		Calm		ESE	1.5	ESE	1	ESE	2.5	Calm		S	2.5	SSE	2	SSW	3
12	Calm		NE	1	E	1	E	1.5	SE	2	Calm		SE	1	SE	2	SE	2	S	2	WSW	1	WSW	1.5
13	SSW	3.5	SSE	3	SE	2.5	SE	3	SE	1	SE	.5	Calm		S	4	SE	1	S	3	S	2.5	SW	3.5
14	SSE	1.5	S	2	S	3	S	2	S	3	SSE	1.5	SSW	4	WSW	1	SW	7.5	WSW	2	SW	2	W	.5
15	SE	1	SE	1	SE	.5	Calm		SE	1	SE	.5	SE	.5	E	.5	E	.5	Calm		SW	1	SW	14
16	SSE	2	S	2	S	2	Calm		Calm		Calm		Calm		S	.5	WSW	6	W	2.5	SW	1.5	SW	5.5
17	SW	.5	SE	1	SE	1.5	SE	1	SE	.5	SE	1	SE	.5	Calm		Calm		Calm		Calm		SW	7
18	SE	1	NW	1.5	Calm		NE	.5	NNE	.5	NNE	.5	Calm		ESE	.5	Calm		S	.5	Calm		Calm	
19	SE	.5	Calm		E	1	E	1	E	1	Calm		Calm		Calm		SE	2	ESE	2.5	SSE	3	SSW	2.5
20	S	1.5	S	.5	SSE	1.5	S	3	S	4.5	SSW	6	WSW	4.5	SW	1.5	Calm		SW	.5	Calm		SW	2
21	S	1	Calm		SE	1.5	Calm		SE	1.5	WSW	6.5	WSW	3	Calm		SSW	1	SW	3	SW	3	WSW	2.5
22	Calm		Calm		ENE	1.5	E	1	Calm		ESE	.5	Calm		Calm		Calm		Calm		SW	5.5	SW	8
23	ENE	1	NE	1	Calm		NE	1.5	NE	1	Calm		Calm		SE	1	S	1.5	S	1	SW	1	WSW	1.5
24	Calm		NE	1.5	N	1	N	1	NW	1	N	1.5	Calm		Calm		E	1	SW	2.5	SW	2.5	SW	2.5
25	E	1	E	1	Calm		Calm		NE	1.5	Calm		Calm		Calm		SW	1	SW	.5	WSW	2	WSW	3.5
26	NE	.5	NE	.5	NE	.5	NE	1	NE	.5	N	.5	Calm		Calm		SSW	2.5	SW	2	WSW	4	SW	4.5
27	Calm		NE	1.5	NE	1	NE	.5	Calm		E	.5	SE	1.5	Calm		Calm		SSW	.5	Calm		Calm	
28	Calm		Calm		NE	1	E	1	E	.5	Calm		Calm		Calm		NW	.5	W	1.5	WSW	1.5	W	1
29	E	1	Calm		N	1.5	N	1	N	1	Calm		Calm		NNE	1	NE	1	N	1.5	WSW	1.5	SE	3
30	SW	.5	SE	2.5	ENE	1.5	NNE	.5	NNE	1	NE	.5	Calm		E	.5	ESE	5	ESE	1.5	SE	2.5	ESE	2
Mean		0.8		0.9		1		1		0.9		0.8		0.6		0.7		1.4		1.4		2		3.2

Day.	1 p.		2 p.		3 p.		4 p.		5 p.		6 p.		7 p.		8 p.		9 p.		10 p.		11 p.		Mid-night.		Mean.
1	WbyS	2	W	3.5	SW	9	SW	3.5	Calm		Calm		Calm		Calm		NE	2	NE	2	NE	1	Calm		1.6
2	W	1.5	SW	2.5	SW	3.5	SW	1.5	SW	1.5	SW	2	SW	3.5	WSW	4	WSW	3	SSE	1.5	SE	2	SE	1.5	1.5
3	W	4	WNW	4	NW	2.5	NW	3	WNW	1.5	WSW	2.5	SW	1	S	3	S	2	SSE	2	SE	1	Calm		1.5
4	WSW	2.5	WSW	1.5	WSW	1	WSW	2	WSW	2.5	SW	1	ENE	2	E	1.5	E	1.5	ENE	.5	Calm		Calm		1.1
5	ESE	1.5	SE	2	SE	1.5	SE	3	SW	1	SW	2	SSE	1	ESE	3	SE	2	SE	2	NNW	.5	E	.5	1.3
6	WSW	2	WSW	3.5	SW	2.5	NE	1.5	NE	.5	Calm		Calm		SSE	2	SSE	2	Calm		Calm		E	.5	1.3
7	WNW	1	N	2	NW	1.5	N	1	NW	.5	E	.5	Calm		Calm		Calm		NE	.5	Calm		Calm		.5
8	WSW	2.5	WSW	3.5	SW	3.5	Calm		SW	.5	SW	2.5	S	3.5	SE	1	Calm		Calm		Calm		Calm		1
9	SE	3.5	SE	4	SSE	7	SSE	3.5	SbyE	3	SbyE	3	SSE	2	SE	2	SE	2	ESE	2.5	ESE	3	ESE	1.5	2.3
10	S	2.5	SSE	2.5	SSE	4.5	SE	3	SE	5	SE	2	SE	3	SE	3	SE	2	ESE	2.5	ESE	2	ESE	1.5	2.2
11	SW	2	W	5	SW	1.5	SW	5	Calm		SSW	1.5	WSW	8.5	WSW	3	Calm		Calm		NE	1	NE	1	1.8
12	SW	7	SW	2	SW	10	SW	8.5	WSW	5	Calm		SW	1	W	.5	SE	.5	WSW	2	SE	1	SE	1.5	2.2
13	S	2	SW	4.5	SSW	4	WSW	3	SW	10	WSW	3.5	S	3	S	1	Calm		Calm		S	1	S	3	2.6
14	Calm		SW	3.5	SSW	3	SW	3	SW	2	Calm		Calm		NE	.5	E	1	S	2	S	1	SE	1	2
15	WSW	2.5	SSW	3	SSW	2	SSW	2.5	Calm		Calm		S	2	S	2	S	1	Calm		SSE	1	SE	1	1.6
16	SSW	4.5	SW	6	SW	4.5	SW	4	SW	4	SW	5	SW	6.5	SW	5.5	SW	2	SSW	1.5	SW	1	SW	.5	2.8
17	SW	7.5	SW	4	SW	5	SW	6	swbys	8	SW	4.5	SW	7	SW	3.5	SSW	1.5	S	1	Calm		S	1	2.6
18	W	1.5	WSW	3.5	WSW	4.5	WSW	6.5	WSW	2	Calm		W	.5	WSW	1	Calm		S	2	SE	2	SE	1	1.2
19	S	1	SE	.5	SW	5	SW	4	Calm		Calm		S	.5	SSW	4.5	SSW	3	SSW	3.5	SW	3.5	SW	2	1.7
20	W	3	W	4.5	SW	5	SSW	5	SW	4.5	SW	3	SW	3	SW	5	SW	4.5	SSW	1.5	SSE	1	SSW	2.5	2.8
21	WSW	6	W	10.5	SW	9.5	SW	6.5	SW	2.5	SW	2.5	SSE	2.5	SE	2	SE	1.5	SE	1	S	2.5	Calm		2.9
22	SW	3	Calm		Calm		Calm		N	1	N	1	Calm		N	.5	NNE	1.5	Calm		Calm		E	1	1
23	W	2.5	W	.5	WSW	1	W	2	WSW	3.5	SE	6	Calm		NE	3.5	NE	1	Calm		E	2	NE	.5	1.4
24	SW	1	Calm		SW	1.5	WNW	1.5	Calm		Calm		Calm		Calm		E	1	E	.5	E	1	Calm		.9
25	W	3	WSW	.5	ENE	.5	ENE	1	E	.5	ESE	.5	SW	1.5	Calm		SE	1	SE	.5	NNE	1.5	NE	1	.9
26	SW	2	SW	2.5	SW	2.5	SW	2.5	S	2.5	Calm		Calm		E	1	E	1	E	1	E	1	E	1	1.4
27	SW	4.5	WSW	3.5	SW	7.5	SSE	4	SSW	2.5	SSW	1	Calm		Calm		SE	1	NE	1	E	.5	E	.5	1.3
28	WSW	2.5	SW	3.5	SW	4	SW	7	SW	4	SW	3	SW	.5	SE	1	Calm		NE	1	Calm		Calm		1.4
29	SE	2	SE	1	WSW	2	NW	.5	Calm		Calm		Calm		NE	1	NE	1	N	1	N	1	Calm		.9
30	NNW	3.5	WNW	4	NW	2.5	Calm		Calm		Calm		Calm		ESE	1	ESE	1	SE	1	SE	1.5	E	2	1.4
Mean		2.8		3		3.7		3.2		2.3		1.6		1.8		1.9		1.3		1.1		1.1		0.9	1.6

WIND—VELOCITY IN KILOMETERS PER HOUR.

Day.	Mdt.-1 a.	1-2 a.	2-3 a.	3-4 a.	4-5 a.	5-6 a.	6-7 a.	7-8 a.	8-9 a.	9-10 a.	10-11 a.	11-Noon.
1	2	3	4	4	5	5.5	3	3	4.5	7	9	13
2	.5	3	4	5	2	3.5	3.5	1.5	4.5	4	10	15
3	6	4	5	3	2	1	2	4	5	5	12	13
4	2.5	2.5	2	2	3	1.5	2.5	2	6	12	**17**	13
5	1	5	5	6	5	4	5	2	3	9	7	6
6	3	1	5	7	5	3	2	4	8	10	**15**	14
7	3	6	2.5	2.5	3.5	2.5	2	1	3.5	1	5	6
8	2	2	2	2	2	1	.5	.5	1	2	8	6.5
9	2	4.5	1.5	5	4	3.5	5	6	5.5	9	**19**	16
10	6	4	4	2	2	5	5	10	14	14	14.5	9.5
11	6.5	3.5	4	3	3	4	3	5	9.5	7.5	14.5	8.5
12	4	4	4	6	6	5	7	8.5	10	8.5	9	6
13	13	12	7	10	7	3.5	4.5	6	8	8	14.5	11
14	7	8	8	9	6.5	8.5	13	12	**20**	14	5	6.5
15	4	2.5	3.5	1.5	4.5	4	5.5	6	5.5	5	17	**33**
16	6	7	7	6	0	4	4	7	15	14	15.5	**29.5**
17	2	2.5	4	3.5	2.5	4.5	4	4	4.5	5	7.5	18
18	4.5	4.5	7	1.5	2	2.5	2	3.5	5.5	7	6	8
19	3	3	4	4	3.5	2.5	2	3	4.5	5.5	10	8
20	5	6	3	10	12	17	**28**	14	3	5	8	10
21	9.5	3.5	5	4	3	9	18.5	9.5	5	11	11	13
22	3	1	4.5	3.5	3	3.5	3	3.5	3	3	17	**39.5**
23	3	4	4.5	5.5	6	3.5	4.5	1.5	7	4.5	7	6.5
24	3.5	3.5	4	2.5	3.5	3	1	.5	3	1	**12.5**	8
25	4	3	3	2.5	4	5.5	3.5	1.5	3	7	10	12
26	3.5	2.5	2.5	3	3	3.5	3.5	2.5	3.5	8	11	9.5
27	3	3	5	3.5	2.5	4.5	6	5.5	4.5	5.5	6.5	5.5
28	2	1.5	3.5	3	3	4.5	2.5	2	3	6	12	11
29	4	4	4	7	3	3.5	4	5.5	4	6	5.5	**9**
30	2.5	6	5	5.5	3	5	3.5	3	7	12	10.5	5.5
Mean	4	4	4.2	4.4	**3.8**	4.4	5.1	4.6	6.1	7.2	10.9	12.3

AMOUNT OF CLOUDS (0–10).

Day.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	Mean.	Sunshine.
														h. *m.*
1	5	3	7	7	4	4	4	**4**	8	10	10	10	6.3	6 50
2	7	3	3	4	6	6	6	5	5	6	5	10	5.5	8 40
3	4	6	5	5	5	7	6	2	2	2	2	3	**4.1**	**9 40**
4	7	6	4	5	7	7	9	9	7	7	9	10	7.2	5 45
5	5	4	6	6	7	7	7	6	5	6	6	8	6.1	6 00
6	6	5	6	6	6	7	5	6	5	8	8	8	6.3	8 35
7	10	10	10	10	10	10	9	10	8	10	10	10	9.8	1 45
8	10	9	9	7	9	8	9	10	10	10	10	10	9.2	2 20
9	10	8	6	8	7	7	8	4	5	8	7	6	7	6 50
10	9	6	7	7	8	9	9	10	9	10	10	10	8.8	5 10
11	8	8	7	7	6	7	8	8	7	10	10	10	8	7 05
12	8	9	8	8	10	10	10	10	10	10	10	10	9.4	4 00
13	10	10	10	10	10	10	10	10	10	10	10	10	**10**	0 10
14	10	10	10	10	10	10	10	10	10	10	10	10	**10**	**0 00**
15	10	10	9	6	9	10	10	10	10	7	10	10	9.2	1 35
16	9	9	10	9	10	9	10	10	10	10	10	10	9.7	1 15
17	10	10	10	10	10	10	10	10	10	10	10	10	**10**	**0 00**
18	10	10	10	8	8	8	8	10	9	9	9	9	9	2 40
19	8	5	7	8	7	8	8	7	7	10	10	10	7.9	6 10
20	10	10	9	9	6	7	7	7	9	8	7	9	8.2	4 20
21	10	8	8	6	8	7	9	8	10	10	10	9	8.6	5 10
22	10	10	10	10	10	10	10	10	10	10	10	10	**10**	**0 00**
23	9	7	8	9	9	9	9	10	10	10	10	10	9.2	2 15
24	10	8	8	8	9	9	9	9	9	9	10	10	9	5 15
25	10	9	9	7	7	6	8	9	9	10	10	10	8.7	3 35
26	8	5	5	5	6	8	7	7	8	10	10	10	7.4	6 40
27	5	7	6	7	5	5	5	6	7	8	8	8	6.4	7 10
28	9	6	7	9	7	7	8	8	8	9	10	10	8.2	4 50
29	7	6	8	8	9	10	10	10	10	9	9	10	8.8	2 15
30	10	10	10	9	10	10	10	10	10	9	7	7	9.3	1 35
Total														127 35
Mean	8.5	**7.6**	7.7	**7.6**	7.8	8.1	8.3	8.2	8.2	8.8	8.9	**9.2**	8.2	4 15

WIND—VELOCITY IN KILOMETERS PER HOUR.

Noon–1 p.	1–2 p.	2–3 p.	3–4 p.	4–5 p.	5–6 p.	6–7 p.	7–8 p.	8–9 p.	9–10 p.	10–11 p.	11–mdt.	Mean.
11.5	16.5	20	**22**	10.5	4	4	4	3.5	8	**4**	2.5	7.2
13	12	10	9	7	11	15	**19**	16	7	7	9	8
15.5	14.5	12.5	13.5	12	11	13	13.5	9.5	8.5	5	2.5	8
13	10	8	10	12	8	3	7	4	5	1	1	6.2
9	8	9	9	6	**13**	9	10	9	7	3	2	6.3
13.5	13.5	9	10.5	5.5	2	.5	5	6	4.5	0	.5	6.1
10	**11**	5	9	7	1.5	1.5	0	0	1	0	0	**3.5**
9.5	14	**14.5**	10.5	8	10	11	6	2	1	0	3	5
16	16	18	17	16	14	13	12	9	7	10	10	10
11	12	**19**	16.5	13.5	14	10.5	10.5	10	9	8	7	9.6
9.5	14	16.5	16	13	12	**35**	21	7	3	3	5	9.5
21	15	28	**30**	21	16	18	3	3	4	8	5	10.4
13.5	16.5	14.5	14	17	**22**	14	6	1.5	2	**4**	6.5	9.8
2.5	18.5	14.5	10	7	4	4.5	4.5	3.5	6.5	5.5	4.5	8.5
17	11	11	13	9	4	4	7.5	7	2	2.5	4	7.7
17.5	22.5	22.5	17.5	25	22.5	20.5	20.5	15	7	6	5.5	**13.2**
25	20	22.5	22.5	20	18	17	14	8	3	2	3	9.9
13	11	20.5	**23.5**	18	6	4	4	1	3	6.5	5.5	7.1
6.5	8	14.5	**22**	15	7	6	12	11	13	12	15	8.1
11.5	15	22.5	21	24	19	13.5	20.5	23	11.5	4.5	5	13
15	**30**	28	25.5	18.5	10	7	5.5	4.5	4	10	4	11
21.5	6	4	5	4.5	2.5	2	3	5	4.5	1	2.5	6.2
12	12.5	11.5	11	12	**15.5**	13	9	5.5	2.5	3	4.5	7.1
10.5	7	8	9	3.5	6	6	3	4	2.5	3.5	3.5	4.7
13.5	9	5.5	4	1.5	1	6.5	4	4	4	4	6.5	5.1
10.5	11	**15.5**	14.5	9.5	6.5	4	3.5	3.5	4	4	4	6.1
12	19	**22**	18	8	11.5	5.5	3	2	4	3	3	6.9
12	15	19	18	**21**	15	8.5	3.5	4	4.5	2.5	3	7.5
8.5	5	7	6	5.5	2.5	1.5	3.5	3	5	3	3.5	4.7
13	11	9	7	3	0	0	1	2	3	5	5.5	5.3
12.9	13.5	**14.7**	14.5	11.8	9.6	9	8	6.2	5	4.4	4.6	7.7

FREQUENCY OF THE WIND.

Day.	N.	NNE.	NE.	ENE.	E.	ESE.	SE.	SSE.	S.	SSW.	SW.	WSW.	W.	WNW.	NW.	NNW.	Calm.	Total wind velocity.	Atmidometer.	Rainfall.
																		Kms.	*mm.*	*mm.*
1	3	1	4				2				2	3	1		1		7	173.5	3.5	1.3
2			3	1	1	1	2	1			6	3	2				4	191.5	6.1	
3				1			4	1	2		3	1	1	2	2		7	193	7.1	
4			1	2	2		3				5	5					6	148	4.2	
5		1	1		1	2	6	1			3	1				1	7	152	4.8	
6		2	3		2			2			1	5	2				7	147.5	5.3	
7	2	2	2		1								1	1	2		13	84.5	2.2	.6
8			5		2		1		3		3	2					8	119	3.4	1.4
9			1	1	1	3	9	3	3								3	239	6.8	
10					2	8	7	5	1	1								231	5.8	
11			2			3	2	1	1	2	3	2	1				7	227	3.1	40.6
12			1		2		7		1		5	4	1				3	250	1.4	39.6
13							5	1	8	2	3	2					3	236	1.1	14.3
14			1		1		1	2	6	2	5	2	1				3	203	0	72.9
15					2		7	1	3	3	2	1					5	184	1.9	.7
16								1	3	2	12	1	1				4	317	2.2	2.1
17							6		2	1	10						5	237	2.5	
18		2	1			1	3		2			5	2		1		7	170	2.4	1
19					3	1	3	1	2	4	4						6	195	2.5	7.1
20								2	4	4	9	1	2				2	312	3.2	1.4
21							5	1	2	1	6	4	1				4	264	3	18.8
22	3	1		1	2	1					3						13	149	.6	2.4
23			6	1	1		2		2		1	3	3				5	169.5	2.4	16
24	3		1		4						5			1	1		9	112.5	2.6	
25		1	2	2	3	1	2				3	3	1				6	122.5	2.1	
26	1		5		5				1	1	6	1					4	146.5	2.8	
27			4		2		2	1		3	2	1					9	166	3.4	
28			2		3		1				6	2	2		1		7	180	3.2	
29	6	1	3		1		3					2			1		7	113.5	1.2	2.9
30		2	1	1	2	5	4				1			1	1	1	5	128	2.8	1.5
Total	18	13	49	10	43	26	87	24	46	26	109	54	22	5	10	2	176	5,561.5	93.6	224.6
Mean	0.6	0.4	1.6	0.3	1.4	0.9	2.9	0.8	1.5	0.9	3.6	1.8	0.7	0.2	0.3	**0.1**	5.9	185.4	3.1	7.5

EXTREME VALUES.

Day.	Maxima.						Minima.					
	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.
	mm.		°C.		*Per cent.*	*mm.*	*mm.*		°C.		*Per cent.*	*mm.*
1	758.85	11.00p.	34	1.45p.	97	23.6	755.90	2.30p.	24.3	3.45a.	61	21.7
2	58.40	0.05a.	34.9	3.50p.	97	23.4	54.40	4.45p.	23.3	5.35a.	54	20.5
3	58	11.00p.	35	3.25p.	95	**22**	54.90	4.10p.	23.7	5.25a.	**50**	**18.6**
4	57.80	10.00p.	32.4	1.45p.	**92**	23.5	55.15	3.55p.	24.3	5.30a.	61	20.7
5	57.95	9.25a.	**35.1**	2.10p.	**92**	23.4	54.45	3.55p.	24	5.30a.	51	20.4
6	57.45	0.05a.	34.9	3.25p.	**92**	22.4	54.35	2.45p.	24.1	5.40a.	59	19.7
7	57.09	9.00a.	33.4	1.40p.	93	22.8	53.85	3.25p.	24	5.30a.	68	20
8	56.80	10.15p.	33.7	0.45p.	96	22.8	53.90	4.15p.	23.3	5.15a.	58	20.7
9	56.90	11.05p.	34.9	2.10p.	97	**22**	53.50	3.05p.	24.1	5.05a.	53	20
10	56.61	8.00a.	33.8	2.20p.	**92**	22.4	53.70	3.30p.	24.7	4.05a.	59	20
11	56.10	10.25p.	34	3.50p.	97	23.9	52.90	3.40p.	24.2	midnight	59	20.5
12	**55.55**	0.05a.	31.5	11.15a.	98	23.3	**52.60**	1.25p.	23.9	3.25a.	74	21.5
13	55.90	10.35p.	29.7	11.25a.	97	23.1	52.70	4.50a.	23.8	3.05a.	78	21.4
14	57.05	8.25p.	**27.5**	1.20p.	**99**	23.3	53.75	4.05a.	23.4	midnight	**90**	21.2
15	56.55	0.05a.	31.3	10.45a.	**99**	23.7	54.10	4.35p.	23.2	1.10a.	74	20.8
16	56.20	10.30p.	31.2	3.45p.	98	**24.8**	53.47	4.00p.	**24.9**	5.45a.	75	22.4
17	56.75	11.50p.	31.7	11.25a.	96	24.2	53.50	4.30p.	24.8	5.15a.	72	**22.6**
18	58.10	11.00p.	31.9	0.55p.	97.5	24	55.65	4.10p.	24.2	4.35a.	70	21.4
19	58	10.35p.	33.3	2.20p.	98	24.2	55.05	3.45p.	24	5.25a.	61	21.7
20	57.95	10.20p.	30.8	2.20p.	96	22.9	55.60	5.00p.	24.2	3.05a.	72	20.7
21	58.40	10.35p.	31.2	1.35p.	97	22.3	55.52	5.00p.	23.2	11.55p.	70	20.4
22	58.60	8.00p.	28.8	10.35a.	98	22.3	56.55	4.10a.	22.9	0.45a.	79	20.6
23	60.60	10.00p.	32.2	11.55a.	**99**	24.1	57.13	3.00p.	**22.3**	5.15a.	71	18.9
24	60.85	10.20p.	32.7	3.05p.	98	23.9	58.26	4.00p.	**22.3**	3.40a.	66	19.6
25	**61.15**	8.25a.	32	0.55p.	96	24.2	**58.45**	5.05p.	23.3	5.30a.	71	20.8
26	60.40	10.15p.	33.3	2.25p.	94	23.6	57.25	3.15p.	23.6	5.45a.	66	21
27	59.65	11.00p.	32.8	0.40p.	97	24.2	57	2.45p.	23.7	4.55a.	65	21.4
28	60.15	11.05p.	32.1	1.40p.	97	23.7	56.75	3.35p.	24.5	4.25a.	68	22.4
29	60.40	8.35a.	30.6	9.35a.	96	23.7	57.80	4.40p.	24.1	5.45a.	75	21.3
30	59.90	7.05a.	32	0.15p.	96	23.9	56.40	3.40p.	24	5.15a.	71	21.6
Mean	758.14	.....	32.4	.....	96.2	23.4	755.15	.....	23.8	.....	66.7	20.8

DAILY GENERAL REMARKS.

1____⊤ SSE and NE, ●° in the afternoon.
2____Cloudy weather.
3____☌° early in the morning; slight convergence of Ci. toward N in the morning.
4____⊤° NNW, ◹° ENE in the evening.
5____◹ N and S in the afternoon; ◺ WNW in the evening.
6____⊕° at noon; ◹ NE in the afternoon.
7____d, p°, ◹ N in the afternoon; ◺ W in the evening.
8____⊤° SE 2.10 p. m.; ⊤ S and SSE, ●°, ◺ NNW in the evening.
9____⊕ in the morning; ◺ W and NW in the evening.
10____⊤ W in the afternoon.
11____p°, ⊤ N in the afternoon; ●² in the evening.
12____●° in the morning and at night; ● with gusty SW winds in the afternoon.
13____Somewhat rainy weather with gusty SW winds in the afternoon.
14____Rainy weather.
15____d in the early morning and afternoon; gusty SW winds at noon; ⊤ N and NNW in the evening.
16____p 8.25 a. m.; d° in the afternoon; ●° at night.
17____Somewhat gusty SW winds in the afternoon.
18____◹° S, ◠° in the afternoon; ●° at night.
19____d in the early morning; ⊤² SE, ◹ NNW in the afternoon; ● in the evening.
20____● in the morning.
21____d in the morning; gusty SW winds in the afternoon; ● at night.
22____● in the morning; ⊤° NW, gusty SW winds in the forenoon; d° in the afternoon.
23____Heavy thundershowers in the evening.
24____≡, d in the morning; ⊤ ESE and S in the afternoon.
25____○, ◹ E and NE, d° in the afternoon.
26____⊤° N, ⊤ ESE and S, d° in the afternoon.
27____◹ SSE, d° in the afternoon.
28____⊕° at noon and afternoon; ⊤ E and NNE in the afternoon; ◹° N in the evening.
29____d° in the forenoon; ◹° NW, d, p° in the afternoon.
30____● in the early morning and at night; ◠ in the morning.

OBSERVATIONS FOR JULY, 1916.

ATMOSPHERIC PRESSURE, 700mm+.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	57.65	57.60	57.60	57.60	57.75	58.09	58.64	**58.79**	58.50	58.35	58.14	57.61
2	58.30	58.25	57.90	57.55	57.75	58.21	58.55	58.95	58.99	59.24	**59.26**	59.14
3	57.90	57.75	57.70	57.65	57.75	58.06	58.35	58.57	58.99	**59.28**	58.95	58.79
4	57.30	57.15	56.85	**56.60**	57	56.99	57.59	57.71	57.77	57.82	57.97	57.64
5	58.70	58.15	57.75	57.70	57.95	58.66	58.91	58.86	58.84	58.93	58.97	58.61
6	59.50	59	58.55	58.25	58.55	58.97	59.15	59.74	**60.23**	60.13	59.92	59.59
7	59.45	59.40	59.30	59.15	59.35	59.51	59.89	59.95	59.88	**59.97**	59.77	59.03
8	58.70	58.90	58.80	58.80	58.75	58.94	59.34	**59.46**	59.17	58.92	58.64	58.23
9	58.45	58.25	58	58	58.10	58.55	59	58.94	58.81	58.67	58.45	58.16
10	58.65	58.40	58.35	58.50	58.60	59.01	59.26	59.30	59.47	59.51	59.41	58.97
11	59.20	59.20	58.90	58.55	58.55	59	59.44	59.43	59.70	59.74	59.47	59.03
12	58.90	58.75	58.80	58.80	58.60	58.94	59.44	59.15	**59.49**	59.48	59.56	59.09
13	58.90	58.30	58.05	58.30	58.45	58.69	59.35	59.85	59.87	59.95	60.03	59.59
14	59.35	59.50	58.80	58.10	58.15	58.93	58.78	58.98	59.29	59.20	59.13	58.77
15	**59.50**	59.10	58.75	58.30	58.30	58.29	58.69	58.85	59.07	59.09	59.07	58.96
16	**58.70**	58.35	58.20	58.20	58.15	58.42	58.54	58.40	58.39	58.26	58.37	57.72
17	58.30	57.35	57.40	57.35	57.40	57.42	57.73	58.15	58.13	**58.54**	58.17	57.80
18	57.20	56.95	57.10	56.95	57.05	57.14	57.38	57.56	57.94	57.91	58.16	57.94
19	58.05	57.70	57.35	57.40	57.45	57.75	58.04	58.28	**58.53**	58.19	57.72	57.39
20	57.90	57.85	57.45	57.65	57.45	57.84	58.19	58.11	58.29	57.93	57.55	56.85
21	57.85	57.50	57.30	56.90	56.85	57.79	58.09	**58.34**	58.23	58.08	57.74	57.27
22	56.60	56.35	56.10	56.05	56.35	56.62	56.92	57.08	**57.36**	57.29	56.69	56.22
23	55.95	55.50	55.65	55.55	55.45	55.97	56.29	56.44	56.25	55.37	55.29	55.39
24	55.85	55.60	55.50	**55.15**	55.65	56.14	56.39	56.77	56.67	56.68	56.33	56.06
25	56.40	**55.85**	55.90	56.15	56.30	56.98	57.52	57.44	57.72	57.59	57.32	57.18
26	56.95	56.60	56.75	56.70	56.55	56.74	57.16	57	57.13	57.05	56.94	56.52
27	56.85	56.35	56.20	56.20	56	56.14	56.19	56.38	56.49	56.32	56.34	56.12
28	56.45	55.90	55.75	55.70	55.75	56.15	56.29	56.66	56.74	56.63	56.24	56.07
29	56.60	56.10	55.90	55.85	55.85	56	56.49	56.92	57.25	57.23	57.10	56.69
30	57.25	57.05	56.75	56.70	56.75	56.95	57.09	57.24	57.28	57.09	56.98	56.59
31	57.40	57.05	56.85	56.80	56.85	57.14	57.58	57.80	57.49	57.09	56.89	56.47
Mean	57.90	57.60	57.43	57.33	57.40	57.74	58.07	58.23	58.32	58.24	58.08	57.73

TEMPERATURE (°C.).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	24.7	24.3	24.3	23.9	**23.6**	**23.6**	26.3	28.6	28.9	30.4	31.1	**31.4**
2	23.9	23.5	23.3	22.9	22.8	**22.7**	23.9	25.2	26	28.2	27.5	26.3
3	24.1	24	23.8	23.6	**23.3**	23.5	25.9	26	27.8	27	26.5	27.9
4	24	24.1	24	24	23.9	**23.8**	25.1	28.2	**30.1**	29.6	29.5	28.8
5	24.8	24.5	24.2	23.9	23.7	**23.6**	24.9	27.6	29.1	30.1	30.3	30.8
6	25.8	25.4	25.2	25.3	25.1	25.1	26.6	27.5	28	28.8	29.8	30.1
7	24.6	24.4	24.2	24.2	**24.1**	24.2	26	28.1	30	28.8	30.2	30.7
8	23.9	23.6	23.5	23.3	23.3	**23.2**	25.1	27.5	29.8	30.6	31.3	31
9	24.9	25.1	24.6	24.5	**24.4**	**24.4**	26.4	28.8	30.7	30.8	31.8	32.6
10	24.9	24.7	24.3	23.8	23.6	**23.5**	25.1	28.3	30.2	30.4	30	**30.7**
11	24.8	24.6	24.6	24.3	23.9	**23.8**	25.4	28.1	27.9	29.2	29.6	30.5
12	25	24.6	24.7	24.7	24.5	**24.4**	24.9	26.1	28	28.8	29.5	30.6
13	24.9	24.4	24.3	24.5	24.5	24.8	25.7	28	30	29.3	28.8	29.3
14	**24**	24.4	24.5	24.3	24.3	24.4	25.9	27.5	29	27.8	28.2	29.6
15	24.1	23.8	23.5	23.3	**23.2**	23.3	25.3	27.7	29.2	30.6	31.1	31.3
16	24.7	24.5	24.4	23.8	**23.4**	24.2	26.5	28.2	29.4	**30.8**	30.4	26
17	24.6	24.4	24.4	24.1	23.9	**23.6**	24.8	26.3	28.5	**28.7**	27.3	27.8
18	24.5	24.3	24.4	24.4	24.4	**24.2**	24.6	24.4	25.1	25.9	26.7	27.2
19	24.6	24.4	24.1	23.9	**23.7**	23.8	25.2	28.1	28.2	29.5	30.5	30.2
20	26.3	24.5	24.4	24.2	**23.9**	24	25.7	27.2	27.4	29	28.8	29.9
21	24.3	24.3	24.1	23.9	**23.4**	23.7	24.6	26.4	28.1	29.5	29.5	**30.3**
22	23.9	23.9	23.3	23.1	23.1	**23**	25.5	28.2	29	29.5	30.3	30.3
23	25.7	25.5	**25.1**	25.9	26.2	26.5	27.5	28	28.5	30.6	30.2	30.5
24	26.5	26.9	26.4	25.6	24.7	**24.3**	25.9	27	28.5	28.9	30.1	30.3
25	25.1	24.9	25.5	24.9	25.5	25	26.5	28.6	28.2	29.1	30.3	**30.4**
26	24.5	24.3	24.3	24.3	24.3	**24.2**	26.4	26.3	28.2	29.2	29.4	30.1
27	25.8	26	25.4	25	**24.5**	24.6	26.8	27.1	28.7	29.3	29.5	29.6
28	25.8	25.2	24.7	**24.5**	**24.5**	25	26.7	26.1	29.4	30.7	30.6	30.9
29	25	25	25.1	**24.9**	25.1	25.2	26.5	27.5	30	29.3	28.4	29.8
30	25.1	25	**24.9**	25	**24.9**	25	27.1	29.3	28.3	29.8	30.3	30.7
31	25.8	25.5	25.3	25.5	25.4	25.6	27.6	28.5	28	30.1	30.5	31.2
Mean	24.9	24.6	24.5	24.3	**24.2**	**24.2**	25.8	27.4	28.7	29.4	29.6	29.9

ATMOSPHERIC PRESSURE, 700mm+.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
57.54	57.01	**56.71**	56.87	57.35	57.53	57.90	58.30	58.40	58.40	58.40	58.40	57.88
58.37	57.77	57.38	**57.32**	57.62	57.73	57.95	58.40	58.70	58.65	58.70	58.35	58.29
58.29	57.38	57.08	57.02	**56.97**	57.34	57.08	57.70	58.05	58.40	58.30	57.65	57.96
57.18	57.04	56.97	57.07	57.22	57.87	58.15	58.25	58.70	58.95	**59.45**	59.15	57.68
58.14	57.79	57.69	**57.47**	57.50	58.04	58.45	58.75	59.30	**59.70**	**59.70**	59.50	58.50
59.76	58.98	58.46	**58.11**	58.27	58.62	59.24	59.85	59.90	60.10	60.05	59.40	**59.26**
58.61	57.96	**57.79**	57.87	58.04	58.13	58.74	59.10	59.40	59.70	59.60	59.10	59.11
57.46	56.92	56.61	**56.35**	56.67	57.05	57.39	58.45	58.65	58.75	59.15	58.75	58.29
57.57	56.99	56.58	**56.41**	57.02	57.42	58	58.45	58.60	59.10	**59.30**	58.95	58.16
58.63	58	**57.88**	58.06	58.04	58.43	58.79	59.25	59.55	59.90	**60.05**	59.55	58.90
58.49	57.95	57.77	**57.65**	57.81	58.52	58.96	59.05	59.60	**59.90**	59.25	59.15	58.93
58.45	57.97	57.44	**56.91**	57.45	58.01	58.67	59	59.45	59.40	59.35	59.05	58.76
59.13	58.59	58.04	57.82	**57.39**	57.54	59.01	59.35	59.35	59.70	**60.20**	59.80	58.97
58.09	57.31	56.95	**56.61**	57.97	58.23	58.73	58.80	59.45	**59.95**	**59.95**	59.70	58.70
58.67	58.32	57.86	**57.35**	57.66	57.88	58.18	58.70	58.85	59.05	59.20	58.90	58.61
57.22	56.83	56.57	56.51	**56.43**	56.72	57.75	58.30	58.05	58.20	**58.70**	58.35	57.89
57.09	56.84	56.34	**56.11**	56.37	56.47	56.78	57.15	57.65	57.80	57.95	57.60	57.41
57.71	57.44	57	**56.10**	56.24	56.99	57.99	58.20	58.60	**58.90**	58.50	58.35	57.55
56.94	56.31	56.15	**55.97**	56.04	56.61	57.29	57.55	57.95	58.30	58.45	58.05	57.48
56.23	55.99	**55.81**	55.92	56.02	56.52	56.99	57.50	**58.45**	58.25	58.30	57.85	57.37
56.42	56.08	**55.97**	56.01	56.13	56.74	56.87	57.05	57.90	57.65	57.55	56.95	57.22
55.61	55.32	55.10	**54.81**	55.13	55.46	55.94	56.20	56.25	56.45	56.65	56.30	56.20
54.82	54.68	54.39	**54.27**	54.37	54.68	55.30	55.65	56.05	56.20	**56.70**	**56.70**	**55.54**
55.60	55.44	55.17	55.36	55.35	55.78	55.99	56.80	57.30	57.45	**57.85**	57.25	56.17
56.85	56.30	56.28	55.93	56.24	56.61	57.03	57.45	57.30	**57.80**	**57.80**	57.45	56.89
55.86	55.89	55.60	55.75	**55.45**	56.06	56.28	56.70	57.15	**57.50**	57.45	57.20	56.62
55.87	55.34	55.53	55.26	**55.01**	55.36	55.91	56.15	56.75	56.95	**57.10**	57.90	56.15
55.83	55.55	55.22	55.10	**55.07**	55.47	56.13	56.55	57.05	**57.30**	57.15	57.15	56.16
56.23	55.85	55.47	**55.36**	55.56	55.94	56.37	57.05	57.25	57.60	**57.65**	57.60	56.50
56.08	55.72	**55.11**	55.13	55.12	55.32	55.85	56.85	57.25	57.70	**57.75**	57.65	56.64
55.92	55.42	**54.80**	54.89	54.85	55.83	56.20	56.95	57.50	57.75	**58**	57.90	56.73
57.25	56.81	56.51	**56.37**	56.53	56.93	57.42	57.85	58.21	58.43	**58.52**	58.21	57.63

TEMPERATURE (°C.).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
28.7	30	30	29.9	28	26.8	25.7	25.1	24.8	24.5	24.4	24.3	26.8
29	28.2	27	26.1	26	25.6	25.1	24.9	25.1	24.8	24.5	24.3	**25.3**
27.4	29.7	29.1	**29.9**	28.6	27.4	26.4	25.6	25.3	25	24.8	24.4	26.1
29.6	30	28	27.2	27.9	27.3	26.2	26	25.8	25.8	25.3	24.9	26.6
31.4	30	29.2	28.6	28.1	28	27.9	27.5	26.9	26.4	26.1	25.8	27.2
30.4	29.8	28.2	26.8	25.9	26	25.4	25.1	25.1	25.1	25	**24.8**	26.7
29.6	**31.2**	29.4	27.3	26.6	26.5	25.6	25	24.8	24.7	24.8	24.3	26.6
32.2	**32.2**	31.9	30.8	29.5	29.7	28.2	26.8	24.5	24.5	24.8	24.9	27.3
32.9	**33.1**	31.6	30.8	29.1	28	27.2	26.8	26.1	25.8	26.2	25.7	28
28.8	30	26.8	28.2	27.9	27.4	26.7	26.1	25.7	25.5	25.3	25	26.8
31.1	31.4	29.5	29.4	29.9	28.5	27.1	26.9	26.2	25.4	25.3	25.2	27.2
32	30.1	28.8	30.4	29.8	28.3	27.3	26.8	26.1	25.4	25	25.1	27.1
29.2	30.2	**30.7**	30.5	29.5	29.1	25.1	**23.6**	**23.6**	23.7	23.9	23.7	26.7
30.5	**31.4**	30.2	27.5	24.5	24.6	24.7	24.5	24.1	24.1	24.1	24.2	26.2
32.4	30.3	29.5	29.1	28.5	27.7	26.8	26.5	26	25.6	25.5	25.2	27.1
27.4	29.3	30.5	30.4	29.5	28.3	26.7	25.8	25.4	25.3	24.9	24.8	26.9
27.6	28.1	28.5	23.5	28	27.4	26.4	26.2	25.6	25.1	24.9	24.6	26.2
27.3	**27.7**	27.5	27.4	27.4	26.5	25.9	25.6	25.7	25.1	24.8	24.7	25.7
30.5	**31.4**	30	28	28.4	28.1	27.5	23.4	26	25.9	25.4	26.2	27.1
30.7	30.6	28.7	30	29.6	28.5	27.7	26.8	24.8	24.4	24.2	24.1	26.9
30.3	29.1	29.1	26.7	25.6	25	24.8	24.5	24.6	24.3	24	24	26
30.7	**31.1**	29.5	29.5	29	28.6	27.9	27.7	26.8	26.3	25.9	25.6	27.2
30.9	29.6	29.1	29	29	28.2	28	27.6	27.4	27.5	27.5	26.6	27.9
30.7	30.6	30	29	29.7	28.2	27.8	27.9	25.9	25.4	25.6	25.3	27.6
28.3	30.1	28.7	28.9	26.4	26.9	25.1	25	25.2	25.1	24.8	**24.5**	26.8
30.9	30.4	30.3	26.7	26.8	26.6	26.4	26.9	26.5	26.2	26.3	26.6	26.9
30	29.7	27.6	29.3	29.2	27.8	27.9	27.6	27.2	25.9	25.5	26.9	27.4
31.1	29.7	30.8	29.5	29.1	28.5	28.1	27.7	26.1	25.9	25.5	25.3	27.6
30.6	**31**	30.5	29.7	29	28.5	27.9	27.4	26.3	25.8	25.6	25.2	27.5
30.9	31.3	**31.4**	30.7	29.3	28.7	28.4	28.5	28.4	28.2	27.5	26.2	**28.1**
31.5	**32**	30.4	31.6	31	28.9	27.6	26.4	25.4	25.4	25.1	**24.8**	27.9
30.1	**30.3**	29.4	28.9	28.3	27.6	26.8	26.3	25.7	25.4	25.2	25.1	26.9

RELATIVE HUMIDITY (%).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	96	96	96	97	97	97	86	77	80.5	71	67	66
2	95	96	95	96	95	96	91	85	82	70	78	84
3	97	97	97	97	98	97	88	92	79	83	90	79
4	97	96	97	97	97	97	93	80	67	69	73	76
5	92	94	95	95	96	97	92	81	76	69	73	70
6	88	91	92	92	92	92	86	83	82	78	73	72
7	95	96	96	95	94	94	87	77	71	75.5	66	66
8	97	97	97	96	95	95	88	79	71	66	66	65
9	96	93	95	95	95	96	89	81	72	68	65	63.5
10	93	93	94	96	97	95	88	75	70	68	75	70.5
11	92	94	95	95	97	97	91	79	82	77	77	70
12	91	92	92	92	92	92	90	85	78	76	73	71
13	91	93	93	91	91	89	87	76	67	72	75.5	74
14	97	97	97	97	97	96	89	84	77	79	77	69
15	95	96	97	97	97	97	92	83	79	72	70	67
16	96	96	95	97	97	91	90	79	74.5	70	74	90
17	95	95	94	96	97	98	94	88	75	77	86	82
18	95	96	95	94	95	97	94	94	91	92	85	81
19	95	97	96	96	97	96	90	79	80	70	68	69
20	87	94	93	95	97	97	90	83.5	81	76	80	73
21	95	95	96	97	98	97	96	91	83	77	72	74
22	95	95	97	97	97	97	87	79	74	70	71	71
23	92	93	93	92	89.5	88	84	84	81	68.5	73	73
24	85	80	84	87	90	91	87	83	79	78	74	73
25	97	98	93	97	93	96	87	79	82	81	74	72
26	97	97	96	96	96	97	89	90	82	76	75	73
27	92	89	94	95	97	97	86	86	77	74	76	76
28	93	96	98	99	97	96	89	92	76	68	70	70
29	98	98	98	98	98	97	92	86	75	79	80	77
30	95	94	95	94	94	95	87	79	83	76	74	71
31	94	95	97	96	98	98	86	81	85	75	74	69
Mean	94	94.5	94.9	95.3	95.5	95.3	89.2	82.9	77.8	74.2	74.3	72.8

VAPOR PRESSURE (mm).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	22.2	21.6	21.6	21.5	21.1	20.9	21.9	22.3	23.8	22.8	22.7	22.7
2	20.9	20.6	20.1	19.8	19.5	19.6	20.1	20.3	20.6	20	21.2	21.3
3	21.7	21.4	21.3	21.1	20.9	21	21.8	22.9	22	21.9	23	22.2
4	21.6	21.4	21.6	21.4	21.3	21.2	22.1	22.8	21.2	21.1	22.4	22.4
5	21.5	21.5	21.3	20.9	20.8	20.9	21.6	22.3	22.7	21.8	23.3	23
6	21.6	21.9	21.8	21.9	21.9	21.9	22.2	22.6	23.1	23	22.6	22.9
7	21.8	21.7	21.5	21.3	21	21.1	21.7	21.8	22.3	22.2	21.1	21.7
8	21.5	21.1	21	20.3	20.1	20	20.7	21.6	22	21.5	22.6	21.9
9	22.4	22.1	21.8	21.7	21.6	21.7	22.7	23.8	23.8	22.4	22.8	23.2
10	21.8	21.5	21.2	20.9	20.9	20.4	20.7	21.5	22.4	21.8	23.5	23.1
11	21.5	21.6	21.8	21.4	21.5	21.3	21.9	22.2	22.7	23.2	23.6	22.6
12	21.3	21.1	21.2	21.2	21.1	21	21	21.3	21.9	22.4	22.4	23.1
13	21.2	21.2	21	20.7	20.7	20.7	21.3	21.3	21.3	21.7	22.2	22.5
14	21.4	21.9	22	22	22	21.7	22.2	22.8	22.9	22	22	21.3
15	21.1	20.9	20.7	20.7	20.6	20.7	21.9	22.9	23.9	23.4	23.5	22.7
16	22.2	21.9	21.6	21.2	20.8	20.5	21.8	22.4	22.6	23	23.7	22.5
17	21.8	21.6	21.3	21.4	21.3	21.3	21.9	22.3	21.6	22.5	23.1	22.8
18	21.7	21.6	21.6	21.3	21.6	21.7	21.6	21.3	21.5	22.8	22.1	21.8
19	21.8	21.9	21.4	21.1	21	20.9	21.4	22.2	22.8	21.3	22.2	22
20	22.1	21.5	21.2	21.3	21.5	21.4	22.1	22.4	22.1	22.5	23.4	23
21	21.4	21.4	21.4	21.3	21	21.2	22	23.3	23.4	23.7	22.2	23.8
22	20.9	20.9	20.7	20.5	20.3	20.3	21	22.4	21.9	21.6	22.7	22.7
23	22.5	22.6	22.1	22.8	22.6	22.6	22.8	23.5	23.4	22.3	23.2	23.6
24	21.8	20.9	21.5	21.2	20.8	20.5	21.6	21.9	22.8	22.9	23.5	23.3
25	22.9	22.8	22.6	22.6	22.4	22.5	22.4	23	23.2	24.1	23.8	23.3
26	22.3	22	21.6	21.6	21.6	21.7	22.7	22.8	23.4	23	22.9	23.1
27	22.7	22.3	22.7	22.4	22.3	22.2	22.4	22.8	22.5	22.3	23.2	23.3
28	22.8	22.8	22.7	22.7	22.3	22.5	23.1	23	23	22.2	23	23.2
29	22.9	23.2	23.1	22.8	23.1	23	23.6	23.4	23.8	24	23.1	24.1
30	22.5	22.1	22.2	22.1	22	22.4	23.1	24	23.7	23.6	23.8	23.3
31	23.2	23	23.1	23.2	23.7	23.7	23.6	23.4	23.9	23.7	23.9	23.5
Mean	21.9	21.7	21.6	21.5	21.4	21.4	22	22.5	22.7	22.5	22.9	22.8

RELATIVE HUMIDITY (%).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
77	71	72	73	74	80	87	89	90	92	92	93	84
74	79	85	92	91	92	95	96	95	96	**97**	**97**	89.7
82	**73**	76	**73**	75	80	86	91	93	95	95	95	87.8
70	69	76	83.5	79	83	88	89	89	88	92	92	84.9
68	70	70	72	77	77	79	82	85	88	89	90	82.4
70	73	81	86	91	92	93	**95**	93	93	92	94	86.4
70.5	**64**	74.5	86	88	88	93	93	95	95	94	**96**	85.4
59	60	62	67	75	76	82	86	**97**	**97**	96	95	81.8
62	**60**	67	70	79	86	89	90	91	92	89	90	82.2
79	71	88	85	82	84	87	91	93	90	90	92	85.3
65	**63**	74	76	73	82	89	86	88	93	89	92	84
63	71	79	72	76	82	84	85	86	90	**92**	90	83.1
74	71	69	**66.5**	75	77	90	96	**97**	**97**	96	**97**	83.5
67	**67**	71	82	93	94	94	94	96	94	95	95	87.4
62	68	74	77	80	84	86	86	89	91	91	93	84.3
87	72	69	**68**	70	75	83	91	93	91	93	94	84.8
82	79	80	81	82	85	89	89.5	93	94	95	96	88.4
81	**78**	80	81	81	87	91	93	92	93	94	95	**89.8**
69	**66**	75	84	80	82	85	88	90	90	93	88	84.3
67	**60**	79	73	72	79	84	83	92	95	96	**97**	84.3
74	78	76	84	88	92	93	95	94	92	95	94	88.6
69	70	78	78	78	78	81	83	89	92	93	93	83.8
72	75	78	80	75	77	80	81	82	82	81	85	**81.6**
72	**71**	73	73	75	82	82	82	93	95	95	**96**	82.5
84	73	78	79	90	84	94	**98**	96	97	97.5	**98**	88.2
71	**70**	71.5	88	86	86	86	83	87	89.5	85.5	87	85.6
74	75	83	**73**	76	85	84	85	87	94	**97**	88	85
69	73	70	76	78	82	84	84	94	94	97	97	85.1
75	**74**	**74**	75	78	78	80	84	90	92	92	94	85.9
68	**67**	**67**	69	77	79	80	80	81	83	87	94	82
67	**64**	72	66	69	78	79	89	90	91	93	95	83.4
71.7	**70.2**	74.9	77.1	79.5	82.8	86.4	88.3	91	92.1	92.7	93.3	85

VAPOR PRESSURE (mm).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
22.5	22.5	22.7	23	**20.7**	21	21.3	21.1	20.9	21.1	21	21	21.8
21.9	22.4	22.5	**23**	22.7	22.4	22.5	22.4	22.5	22.3	22	21.8	**21.4**
22.2	22.7	22.7	**23**	21.7	21.7	22	22.1	22.2	22.4	22.1	21.6	22
21.5	21.7	21.3	22.4	22.2	22.3	22.2	22.1	22	21.9	21.9	21.6	21.8
23.1	22.1	21	20.9	21.6	21.5	21.9	22.4	22.4	22.4	22.2	22.3	21.9
22.7	22.6	23	22.4	22.6	22.9	22.5	22.5	22.1	22.1	21.7	21.9	22.4
21.7	21.8	22.6	**23.1**	22.7	22.6	22.8	22	22.1	21.9	21.9	21.6	21.9
21.1	21.3	21.8	22	23	**23.5**	23.4	22.4	22.3	22	22.3	22.2	21.7
23	22.4	23.2	23	23.7	**24.2**	23.8	23.7	22.9	22.7	22.4	22.1	22.8
23.3	22.3	23	**24.2**	22.7	22.9	22.7	22.9	22.7	21.8	21.5	21.6	22.1
21.8	21.4	22.6	23.3	23	**23.6**	**23.6**	22.5	22.2	22.3	21.4	21.8	22.3
22.1	22.4	23.3	23.1	**23.6**	**23.6**	22.5	22.2	21.7	21.7	21.6	21.3	22
22.3	22.5	22.5	21.5	22.8	**23.1**	21.3	**20.7**	20.9	21	21.1	21.2	21.5
21.8	**22.9**	22.8	22.4	21.3	21.6	21.8	21.5	21.4	**21**	21.1	21.3	21.9
22.3	21.9	22.6	23.1	23	23.3	22.4	22.2	22.3	22.1	22	22.2	22.2
23.7	21.9	22.[illegible]	21.8	21.6	21.5	21.7	22.4	22.3	21.8	21.8	21.9	22
22.5	22.4	23	**23.4**	22.9	23	22.7	22.6	22.5	22.3	22.2	22	22.3
21.9	21.5	21.8	22.1	22.1	22.4	22.6	22.5	22.5	22.1	21.9	21.9	21.9
22.4	22.7	**23.5**	**23.5**	22.8	23	23.2	22.4	22.5	22.4	22.5	22.2	22.2
22.1	**19.7**	23.1	23.1	22.1	22.8	23.1	21.6	21.5	21.6	21.5	21.5	22
23.8	23.5	22.8	21.9	21.4	21.6	21.7	21.7	21.6	20.9	21	**20.8**	22
22.7	23.5	**23.8**	**23.8**	23.3	22.6	22.6	22.9	23.3	23.3	23	22.5	22.2
24.1	23.2	23.5	23.7	22.3	22	22.5	22.1	22.2	22.4	22	**21.9**	22.7
23.5	23.1	22.9	21.6	23.3	23.2	22.8	22.7	23	22.9	23.2	23	22.4
24	23	22.9	23.4	23.1	**22.1**	22.3	23.2	22.8	22.9	22.6	22.4	22.9
23.4	22.7	22.9	22.9	22.4	22.3	22	22	22.4	22.6	21.7	22.6	22.4
23.4	23.1	22.8	**22.1**	23	**23.6**	23.4	23.3	23.2	23.4	23.4	23.2	22.9
23.3	22.7	23	23.2	23.5	23.6	**23.7**	23.3	23.4	23.4	23.4	23.1	23
24.4	**24.6**	23.9	23.3	23.1	22.6	**22.3**	22.9	22.9	22.7	22.4	22.4	**23.2**
22.5	22.7	22.9	22.5	23.4	23.1	23.1	23	23.3	23.6	23.6	23.6	23
23	22.7	23.3	22.8	23.2	22.9	**21.7**	22.7	**21.7**	21.9	22.1	22.1	23
22.7	22.4	22.8	22.8	22.6	22.7	22.5	22.4	22.3	22.2	22.1	22	22.3

CLOUDS—FORM AND DIRECTION.

Day.	8 a.		9 a.		10 a.		11 a.		Noon.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1	Ci. E	Cu. SE	Ci.	Cu. SE	----------	N.-cf. SE	----------	N.-cf. SE	----------	N.-cf. SE
2	Ci.-S.	Cu.-N. ESE	Ci.-S.	Cu. ESE	Ci.-S.	Cu. ESE	Ci.-S.	Cu.-N.	----------	Cu.-N.
3	Ci.	Cu. ESE	Ci.	Cu. ESE	Ci.	Cu. ESE	----------	Cu.-N. ESE	Ci.-S.	Cu.-N. E
4	Ci.-S. NE	Cu.-N.	Ci.-S.	Cu.	A.-Cu.	N.-cf. SE	Ci.-S.	Cu.-N.	Ci.-S.	Cu.-N.
5	A.-Cu.	Cu. SE	Ci.	Cu. SE	Ci.	Cu. SE	Ci.	Cu. SE	Ci.	Cu.
6	A.-Cu.	S.-Cu. WNW	Ci.-S.	Cu.-N. WNW	Ci.-S.	Cu.-N. W	Ci.-S.	Cu.-N. W	Ci.-S.	Cu.-N. W
7	Ci.	Cu.	----------	Cu.	Ci.-Cu.	Cu. ENE	----------	Cu.	----------	Cu.
8	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu. E
9	Ci.	Cu. E	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.
10	----------	Cu.	----------	Cu.	Ci.-S.	Cu.	----------	Cu. E	----------	Cu. E
11	Ci.	Cu.	A.-Cu.	Cu. E	A.-Cu.	Cu. E	A.-Cu.	Cu. E	----------	Cu. E
12	Ci.-S.	Cu.	Ci.-S. SE	Cu.	Ci.-S.	Cu.	----------	Cu.	----------	Cu. E
13	Ci.	Cu. E	Ci.-S.	Cu. E	Ci.-S.	N.-cf. E	Ci.-S.	N.-cf. E	Ci.	Cu.-N.
14	A.-Cu. SE	Cu.	A.-Cu. SE	Cu.	Ci.-S.	Cu.	----------	N.-cf. E	----------	Cu. E
15	Ci.	Cu.	Ci.	Cu. ESE	A.-Cu.	Cu. ESE	Ci.-S.	Cu. ESE	Ci.-S.	Cu. ESE
16	Ci.	Cu.	Ci.	Cu. ESE	Ci.	Cu. ESE	Ci.	Cu. ESE	----------	Cu.-N.
17	A.-Cu. E	Cu.-N.	Ci.-S.	Cu.-N.	Ci.-S.	Cu.-N. ESE	----------	N.	----------	S.-Cu.
18	----------	Fr.-N. E	----------	N.	----------	N.	Ci.-S.	N.-cf.	Ci.-S.	N.-cf.
19	A.-Cu. S	Cu.	A.-Cu.	Cu. ENE	A.-Cu.	Cu. ENE	A.-Cu.	Cu. ENE	A.-Cu.	Cu. E
20	Ci. SSW	Cu.	Ci.	Cu. SE	Ci.	Cu. SE	Ci.	Cu. SE	Ci.	Cu. E
21	A.-Cu. E	Cu.	Ci.-S.	Cu.-N. NE	A.-Cu.	Cu.	Ci.	Cu.	Ci.	Cu.-N.
22	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	----------	Cu.	Ci.	Cu.
23	Ci.-S.	N.-cf. W	Ci.-S. NE	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.
24	Ci.-S.	Cu. WSW	Ci.-S.	Cu. W	A.-Cu.	Cu. W	Ci.-S.	Cu. W	Ci.-S.	Cu. W
25	Ci.-S.	Cu. WSW	Ci.-S.	Cu.-N. W	Ci.	Cu. W	Ci.	Cu. WSW	Ci.	Cu. WSW
26	Ci.	Cu.-N. WSW	Ci.	Cu.-N. WSW	A.-Cu.	Cu.-N. WSW	A.-Cu.	Cu.-N. WSW	Ci.	Cu.-N. WSW
27	Ci.	Cu. WSW	Ci.	Cu. WSW	Ci.	Cu.-N. WSW	A.-Cu.	Cu. WSW	A.-Cu.	Cu. WSW
28	----------	Cu.-N. WSW	A.-Cu.	Cu. WSW	----------	Cu.	----------	Cu.	----------	Cu.
29	A.-Cu.	Cu. WSW	----------	Cu. WSW	----------	Cu. WSW	----------	Cu. WSW	----------	Cu.
30	A.-Cu.	Cu.	A.-Cu. W	Cu.	A.-Cu. W	Cu.	Ci.-S.	Cu.	Ci.	Cu.
31	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.

Day.	1 p.		2 p.		3 p.		4 p.		5 p.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1	----------	Cu.-N. SE	Ci.	Cu.-N. SE	----------	Cu. ESE	Ci.	Cu.-N. ESE	----------	Cu.-N. ESE
2	Ci.-S.	Cu. ENE	Ci.-S.	Cu.-N. NEbyE	Ci.-S.	Cu.-N.	Ci.-S.	Cu.-N. NNE	Ci.-S.	Cu.-N. NNE
3	----------	Cu.-N.	Ci.-S.	Cu.-N.	Ci.-S.	Cu.-N.	----------	Cu.-N.	----------	Cu.-N.
4	Ci.-S.	Cu. ESE	Ci.-S.	Cu.-N. ESE	----------	N.	Ci.-S.	Cu.-N.	Ci.-S.	Cu.
5	Ci.	Cu. SE	Ci.	Cu. SE	Ci.-S.	Cu.-N. SE	Ci.-S	Cu.-N. ESE	Ci.-S.	Cu.-N. ESE
6	Ci.-S.	Cu.-N.	----------	Cu.-N.	----------	N.	----------	N.	----------	N.
7	----------	Cu.-N. ENE	Ci.	Cu.-N. E	----------	Cu.-N. E	----------	Cu.-N. E	----------	Cu.-N. E
8	Ci.-S.	Cu. E	Ci.-S.	Cu.-N. E	Ci.-S.	Cu.-N.	Ci.	Cu.-N.	Ci.-S.	Cu.
9	Ci.	Cu.-N.	Ci.	Cu.-N.	Ci.-S.	Cu.-N.	Ci.-S.	Cu.	Ci.-S.	Cu.
10	----------	Cu.-N. E	----------	Cu.-N. E	----------	Cu.-N.	----------	Cu.-N.	----------	Cu.-N.
11	----------	Cu. E	----------	Cu.-N. E	----------	Cu.-N. ENE	Ci.	Cu. ENE	Ci.-S.	Cu.
12	----------	Cu. E	----------	Cu.-N. E	----------	Cu.-N. E	Ci.-S.	Cu. E	Ci.-S.	Cu. E
13	Ci.-S.	Cu.-N.	Ci.-S.	Cu. E	Ci.-S.	Cu.-N.	Ci.-S.	Cu.-N.	Ci.-S.	S.-Cu.
14	A.-Cu.	Cu.	Ci.	Cu.-N. E	----------	Cu.-N. E	----------	Cu.-N.	----------	Cu.-N.
15	Ci.-S.	Cu. ESE	Ci.-S.	Cu.-N. SEbyS	Ci.-S.	Cu.-N. SSE	Ci.-S.	Cu.-N.	Ci.-S.	Cu.-N.
16	----------	Cu.-N.	Ci.-S.	Cu.-N. EbyS	----------	N.-cf. EbyS	Ci.-S.	N.-cf. EbyS	Ci.-S.	Cu.-N. EbyS
17	----------	S.-Cu.	Ci.-S.	S.-Cu.	Ci.-S.	S.-Cu.	Ci.-S.	N.-cf. E	Ci.-S.	Cu. E
18	Ci.-S.	Fr.-N.	----------	S.-Cu.	Ci.-S.	S.-Cu.	Ci.-S.	S.-Cu.	Ci.-S.	S.-Cu.
19	Ci.-S.	Cu.	Ci.-S.	Cu. ESE	Ci.-S.	Cu.-N.	----------	Cu.-N.	Ci.-S.	Cu.-N.
20	Ci.	Cu.	Ci.	Cu.	A.-Cu. E	Cu.	A.-Cu.	Cu. ENE	A.-Cu.	Cu.
21	Ci.-S.	Cu.	----------	Cu.-N.	----------	Cu.-N.	----------	Cu.-N.	----------	Cu.-N.
22	----------	Cu.-N.	----------	Cu.-N.	----------	Cu.-N.	----------	Cu.-N.	Ci.-S.	Cu.-N.
23	Ci.	Cu.-N.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.
24	Ci.-S.	Cu. W	Ci.-S.	Cu. W	A.-Cu. WNW	Cu. W	A.-Cu. WNW	Cu.	Ci.	Cu. W
25	Ci.-S.	Cu.-N. WSW	A.-Cu.	Cu.-N. WSW	A.-Cu. W	Cu.-N. WSW	A.-Cu. W	Cu.-N. WSW	----------	Cu.-N.
26	Ci.	Cu.-N. WSW	A.-Cu.	Cu. W	A.-Cu. WNW	Cu. W	A.-Cu.	Cu.-N. WSW	A.-Cu. WNW	Cu.-N. WSW
27	A.-Cu.	Cu.-N. WSW	----------	Cu.-N. WSW	----------	Cu.-N. WSW	----------	Cu.-N. WSW	----------	Cu.-N. WSW
28	----------	Cu.	A.-Cu.	Cu. W	Ci.-S.	Cu. WSW	Ci.-S.	Cu. WSW	Ci.-S.	Cu. SW
29	A.-Cu.	Cu.	A.-Cu.	Cu.	Ci.-S.	Cu. WSW	Ci.-S.	Cu. WSW	A.-Cu.	Cu. WSW
30	----------	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.-N.	Ci.-S.	Cu.-N.	Ci.-S.	Cu.-N.
31	----------	Cu.	----------	Cu.-N.	Ci.-S.	Cu.-N.	----------	Cu.-N.	----------	Cu.-N.

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	E 1	Calm	Calm	Calm	Calm	Calm	Calm	Calm	SW 1	SE 1.5	SE 3.5	ESE 2.5
2	Calm	NE 1.5	Calm	Calm	Calm	ENE 1.5	Calm	Calm	NW 1.5	NW 2	Calm	NNW 1.5
3	Calm	SE .5	Calm	Calm	N 1	Calm	Calm	Calm	NE .5	Calm	NE .5	NE 1
4	Calm	NE .5	SE 1	Calm	Calm	Calm	Calm	NNE 0.5	EbyS 5.5	ESE 5.5	SEbyS 4	ESE 5
5	SE 1	E 1	NE 1	NE 1.5	Calm	Calm	Calm	Calm	E 1	E 1	SSW 2	SW 2.5
6	SE .5	SE .5	E 1.5	Calm	E .5	Calm	Calm	Calm	Calm	NW 1.5	WSW 3	WNW 3
7	Calm	E .5	Calm	E .5	NE 1	Calm	Calm	Calm	SE .5	W .5	W 4	WSW 1
8	Calm	NE .5	N .5	N 1	NE 1.5	NE .5	NNE 1	Calm	Calm	SE 1.5	SE 3	S 2
9	Calm	Calm	Calm	NE .5	E 1.5	EbyN 1	Calm	ESE 1	SE 1.5	SE 4.5	S 2.5	SE 2
10	N 2	N 2	N 1	Calm	Calm	Calm	Calm	Calm	ESE 1	E .5	W 1	W 1
11	N 2	NE 1	NE 1	N .5	Calm	Calm	Calm	Calm	W 1.5	W 1.5	W 1.5	W 1
12	Calm	N 1.5	NE .5	N .5	N 1	NNE .5	NNE .5	Calm	Calm	Calm	SW .5	W .5
13	NE 1.5	NE 1.5	E 1.5	NNE 2	NE 2	N .5	Calm	NNE 1	Calm	W .5	Calm	NW 5
14	Calm	NE 2	Calm	E .5	NE 1	ESE 1	Calm	Calm	WNW .5	W 2.5	WNW 3	W 3.5
15	NNW 1.5	NNW 2.5	NNE 1.5	N 2	Calm	NNW .5	Calm	Calm	SE 3	Calm	SE 1	ESE 1
16	Calm	Calm	Calm	N 1	N 1.5	NNE 2	NNE 2.5	NNE 2	Calm	WNW 5	WNW 5.5	SSE 1.5
17	Calm	Calm	NNE 1	Calm	Calm	Calm	Calm	NE 1	NNE 1	Calm	NNW 1.5	N .5
18	Calm	Calm	Calm	Calm	Calm	Calm	ENE 2.5	E .5	NE 1	NNE .5	Calm	Calm
19	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	SSW 1.5	SW 1.5	WNW 1.5
20	NW 3	W 2.5	N 1.5	Calm	Calm	Calm	Calm	Calm	WNW 1.5	WNW 2.5	NW 1	WNW 2.5
21	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	SSW 1	SSW 1.5	WSW 4	WSW 4.5
22	Calm	Calm	NE .5	Calm	Calm	Calm	Calm	Calm	SSW .5	SW 1.5	WSW 2	SW 2
23	WSW 1.5	E .5	SSW 5	SW 4	SW 2	SW 3	SW 2.5	WSW 3.5	SW .5	SSW 1	SSW 2.5	WSW 4
24	SW 2	SW 5	SW 5	S 2	SE 2	SE .5	SSE .5	SSW .5	Calm	SW 4.5	SW 3.5	WSW 5
25	E 1	E 1	S 3	S 1	SSW 2.5	Calm	SSE 3	SSW 3	Calm	WSW 2	SW 4	SW 8
26	E 1	Calm	Calm	Calm	NE 1.5	Calm	Calm	SW 1	W 2.5	SW 3	W 1.5	W 4
27	NE 1.5	SW 3	SW 2.5	Calm	Calm	Calm	Calm	Calm	Calm	SSW 3	SW 5	WSW 6.5
28	NE 1	E 1	E .5	ENE .5	NE 1.5	ENE 1.5	Calm	Calm	Calm	Calm	Calm	W 2.5
29	Calm	NNW .5	Calm	SW 1	SW 1	Calm	Calm	Calm	Calm	SW 2	W 2.5	SSW 1
30	SE 1	SE 1.5	SE 1	NNE 1	NNE 2	NEbyE 1.5	NEbyE 1	Calm	SW .5	SW 1	WSW 3.5	SW 1.5
31	SE 1.5	SE 1	Calm	SE .5	SE .5	Calm	Calm	Calm	Calm	Calm	WSW 3	WSW 3
Mean	0.7	1	0.9	0.7	0.8	0.4	0.4	0.5	0.8	1.7	2.3	2.6

Day.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Mid-night.	Mean.
1	WNW 5	NNW 1.5	NE 1.5	NNE 2.5	NE 3	ENE 3.5	ENE 1.5	ENE 1.5	Calm	Calm	Calm	Calm	1.2
2	N .5	W 1.5	SW 1.5	Calm	S 1	SE 1	Calm	Calm	Calm	Calm	Calm	Calm	.6
3	N 1.5	NW 1	NbyW 2.5	NNW 2.5	NNW 1	N .5	Calm	Calm	Calm	SE 0.5	N 0.5	Calm	.6
4	SE 3	ESE 3	SE 7	SE .5	SE .5	SE .5	SE 1.5	S 2	S 2	S 1	E .5	Calm	1.8
5	SW 1	WSW 2	W 1.5	Calm	SW 1	SW 1.5	SW 2.5	SE 2.5	Calm	Calm	SE .5	Calm	1
6	W 4	SW .5	Calm	Calm	SE .5	Calm	SE 1.5	SE 1.5	E 1.5	E 1.5	E .5	Calm	.9
7	WSW .5	SW 1.5	Calm	Calm	NE 1.5	ENE 2.5	Calm	E 1.5	Calm	Calm	NE 2	Calm	.7
8	SSE 3	SE 2	SE .5	SE 2	SE 1	Calm	Calm	SE 3.5	Calm	Calm	N 2	Calm	1.1
9	ESE 3.5	SE 5	SE 4.5	SE .5	NNE .5	Calm	N .5	NE 1	E 1.5	Calm	NW 2	N 2	1.5
10	WNW 1	W 1	Calm	Calm	NE 1	Calm	Calm	Calm	Calm	N 1.5	N 2	N 1	.7
11	W 4.5	W 2	NW .5	W .5	NW .5	NE 1	NE 1	NE 1.5	NE 1.5	Calm	SE 1.5	SE .5	1
12	E .5	W 1	NW 2.5	W .5	Calm	Calm	NE 1	E 1.5	E 2	Calm	Calm	Calm	.6
13	NNW 6.5	NNW 4	N 2.5	N 1.5	NW 1	NE .5	E 3.5	S 2.5	Calm	Calm	NE 1	Calm	1.6
14	W 3	WNW 5	WNW 2	NW 4.5	S 3.5	Calm	Calm	N .5	N 1	Calm	Calm	Calm	1.4
15	Calm	Calm	WSW 2.5	WSW 1.5	Calm	NNE .5	NNE .5	N 1.5	N 1	NE .5	NE .5	Calm	.9
16	Calm	NNW 2.5	NNW 1	Calm	NNE 2	N 2	NE 1.5	Calm	Calm	NE 2	NE 1	Calm	1.4
17	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	.2
18	N 2	Calm	WNW 2	WNW 1.5	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	.4
19	W 2.5	WNW 1.5	SW 1	Calm	SE 1	SE .5	ESE 2	E 1.5	Calm	Calm	Calm	S 2	.7
20	NW 3.5	W 2.5	Calm	Calm	SSW 1	Calm	Calm	W 2.5	NW 5.5	NW 1	Calm	Calm	1.3
21	SW 4	Calm	NW .5	NE 3	E 2	E 2	E .5	E 1.5	E 2.5	NE 2	Calm	Calm	1.2
22	SW 4.5	SW .5	SSW 3	SSW 3	SW 4	SW 4.5	Calm	S .5	SE .5	SE 1	SE 1	SE 1	1.2
23	SW 5	WSW 5.5	SW 6	SW 5.5	SW 6.5	SW 6	WSW 6	S 3.5	SW 3	SSW 2.5	SW 5	SW 3.5	3.7
24	SW 4	WSW 4	SW 9	WSW 4	WSW 5	SW 5	SW 6	WSW 3.5	E 2	Calm	NNE .5	Calm	3.1
25	WSW 8	SW 8	SW 8	SW 4	SW 2.5	W 5	W 1.5	Calm	NNW 1	Calm	E .5	Calm	2.8
26	SW 4	swbyw 7	SW 6	SSW 7	WSW 6.5	WSW 6.5	WSW 2.5	W 2.5	S 2	S 1.5	WNW 3	SSW 2.5	2.7
27	WSW 6	WSW 8	WNW 5.5	WSW 6.5	WSW 9.5	WSW 4.5	SW 8	SW 4.5	S 2	Calm	SE 1	SSW 3	3.3
28	SW 4.5	W 6	WSW 6.5	SW 4.5	WSW 4.5	WSW 7.5	SW 2.5	SSW 2.5	SSE 2	S .5	NE 1	ENE 1	2.1
29	WSW 7	SW 2.5	WSW 9	SW 7.5	SW 6.5	SSW 3	SW 3.5	SSW 2	SE .5	SE 1	SE 1	SE 1.5	2.2
30	WSW 4	WSW 4	SW 4.5	WSW 8	SW 4	WSW 6.5	SW 4.5	SW 5	SW 4.5	SW 3	SW 1	S .5	2.7
31	WSW 3.5	W 4	SW 5.5	SW 5	WSW 5.5	SW 8	SSE 2.5	E 1.5	E 1.5	E 2	NE 1	NE .5	2.1
Mean	3.2	2.8	3.1	2.5	2.5	2.3	1.8	1.7	1.2	0.7	0.9	0.6	1.5

WIND—VELOCITY IN KILOMETERS PER HOUR.

Day.	Mdt.-1 a.	1-2 a.	2-3 a.	3-4 a.	4-5 a.	5-6 a.	6-7 a.	7-8 a.	8-9 a.	9-10 a.	10-11 a.	11-Noon.
1	4	1.5	3	0	1.5	1.5	0	3	6	8	11.5	10.5
2	1.5	1.5	2.5	1	1	.5	.5	0	1	**7.5**	3	3
3	0	2	1	1	1	4	5	4	3	3	1	3
4	0	1	4	2	0	1.5	4	.5	12	19	**20**	15
5	4	4	3.5	5	3.5	1.5	1	3	5.5	9.5	8	10
6	3.5	4	3	5	4	3.5	2.5	2	2	5	6	8
7	2.5	2.5	3	3.5	4.5	3.5	1.5	4	2	7	12	**15**
8	3	1	5	4	4	7	3	4	2	5	8.5	8.5
9	3	3	3.5	2.5	4	4	2	2	7	11	**16**	12
10	6	7	5	1	1	1	2	3	6.5	6.5	6.5	11.5
11	5	4	2	2	1	0	0	0	2	6	12	13
12	6	4	5	4	3	4	5	1	1	3	6	7
13	4	4	3.5	5	5.5	1.5	1	6.5	6	7	8	9
14	4	6	6	2	5	4	5	1	4	9	**17.5**	12
15	7.5	6	5	5.5	4.5	1	1.5	1.5	2.5	5.5	**13.5**	9.5
16	2	2	3	4	4.5	7.5	8	5	3.5	2.5	15.5	**16**
17	.5	0	1.5	0	.5	0	.5	1.5	3.5	1	3	**8**
18	0	0	0	0	1	0	5	**9.5**	3.5	2	3.5	.5
19	.5	0	0	.5	0	0	.5	0	0	1	3.5	8.5
20	8	11	5	4	2	.5	.5	1.5	5	9.5	13	14
21	2	1.5	.5	1.5	.5	3	0	1	3	6	13	11
22	1	2	1.5	3.5	3.5	2.5	1	1	6	7	11.5	10
23	5	5	6	13	11	8.5	9	9.5	8	5	9.5	13
24	12.5	18.5	21	11	7	7	7	6.5	6.5	15	14	20.5
25	4.5	4	7	6.5	5.5	6	4	8	**9**	4	18	25.5
26	3.5	3.5	3	3	4	6	3.5	8	11.5	7	13.5	14
27	8.5	13.5	11	6	3	4	3	4	3	4	11.5	18.5
28	8.5	3.5	3	4	4	5.5	5	5	3.5	3	**7**	10
29	4	2.5	4	6	5	2	1	3	8.5	7.5	17	11
30	5	3.5	4	4.5	5.5	5.5	5.5	4	6	5.5	11.5	8.5
31	5.5	4	2.5	2.5	3	2	3	3	2.5	4.5	10	11
Mean	4	4.1	4.1	3.7	3.3	3.2	**2.9**	3.4	4.7	6.3	10.5	11.2

AMOUNT OF CLOUDS (0–10).

Day.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	Mean.	Sunshine.
														h. *m.*
1	8	5	6	5	4	6	8	9	8	9	9	10	7.2	6 35
2	7	8	7	7	8	10	9	10	10	10	10	10	8.8	0 50
3	6	5	9	10	10	8	10	9	9	5	**7**	10	8.2	0 55
4	10	8	8	9	9	9	8	10	10	10	10	10	9.2	2 15
5	10	8	7	7	8	8	8	9	9	10	10	9	8.6	3 45
6	10	10	10	10	10	10	10	10	10	10	10	10	**10**	0 10
7	8	5	3	5	3	4	4	9	7	8	9	9	6.2	5 10
8	5	6	6	8	8	7	6	8	7	8	9	6	7	7 10
9	5	5	4	4	5	5	5	5	7	7	7	8	5.6	7 30
10	3	1	2	4	4	5	6	8	9	10	10	10	6	5 10
11	9	7	7	7	7	5	5	4	10	8	10	9	7.3	5 25
12	8	7	6	9	7	8	7	9	10	9	10	9	8.2	2 50
13	10	9	7	9	10	9	9	9	9	9	10	5	8.8	4 50
14	8	8	8	9	10	8	6	8	9	10	10	10	8.7	4 40
15	10	7	7	8	9	8	8	10	10	10	9	9	8.8	6 40
16	5	4	6	6	7	10	9	9	10	10	10	10	8	5 10
17	5	8	7	10	10	10	10	10	10	10	10	10	9.2	1 25
18	10	10	10	10	10	10	10	10	10	10	10	10	**10**	**0 00**
19	8	7	9	9	8	7	7	9	9	9	10	10	8.5	4 45
20	7	6	6	5	6	5	5	7	8	8	7	9	6.6	6 20
21	6	7	8	7	7	6	6	10	10	10	10	9	8	5 45
22	1	1	2	4	3	4	3	6	9	9	8	7	4.8	7 05
23	10	9	6	5	6	6	5	7	8	7	7	8	7	4 25
24	9	10	10	10	9	8	8	7	7	7	8	9	8.5	6 10
25	7	6	8	7	7	7	9	9	9	9	10	10	8.2	5 45
26	8	9	5	5	7	5	5	8	7	10	8	8	7.1	7 00
27	7	6	7	9	9	9	9	10	10	9	5	7	8.1	4 40
28	8	6	5	4	3	3	5	8	8	8	8	8	6.2	5 10
29	7	9	9	7	5	5	5	7	6	6	7	6	6.6	7 40
30	5	4	4	3	3	3	2	4	4	8	10	10	5	9 10
31	4	6	5	4	4	2	2	3	5	3	4	6	4	**9 30**
Total														153 55
Mean	7.2	6.7	6.6	7	7	6.8	6.7	8.1	8.5	8.6	8.8	8.7	7.6	4 58

WIND—VELOCITY IN KILOMETERS PER HOUR.

Noon–1 p.	1–2 p.	2–3 p.	3–4 p.	4–5 p.	5–6 p.	6–7 p.	7–8 p.	8–9 p.	9–10 p.	10–11 p.	11–mdt.	Mean.
8.5	6	4.5	9	**15**	7.5	7	4.5	3.5	0.5	0.5	0.5	4.9
3	7	5	4	3	3	2	.5	.5	0	0	1	2.2
5	8	8	**9**	**9**	7	3	**1**	.5	.5	.5	.5	3.3
13	12	17	6	7.5	4.5	2	4.5	5.5	5	5	3.5	6.9
10	10	7	8	6	6	9	**11**	4.5	3	3.5	3.5	5.8
11	9	6	5	5.5	3.5	5	4	6.5	4.5	4	2	4.8
11	8	6	8	9	7	4	6	1	2	5	4	5.5
10	**10.5**	8	6.5	6	8	10	8.5	10	3	2.5	5	6
13	15	15	8	8	5	3	4	3.5	2.5	5.5	7.5	6.7
12	8	9	0	4	5	1	.5	.5	1	4	6	4.5
16	14	8.5	6.5	6	4	5	4	6	4	5	6	5.5
5	**13**	11	8	3	0	4	3	4	3.5	.5	0	4.3
24	20	13	**9**	8	8	6	13	5	2	4.5	4.5	7.4
15	13.5	12	15.5	15	6.5	5	3	4	4	4	4.5	7.4
8.5	6.5	7.5	8	4.5	3	5	6	4	4	5	3	5.4
2.5	10	6	4	10.5	8.5	8.5	1.5	1	2.5	3.5	0	5.5
5.5	3	0	0	0	0	0	.5	0	0	0	0	**1.2**
5	5	5	4.5	1.5	.5	0	0	.5	0	1	.5	2
12.5	11	10	7	6.5	6	5	7	2.5	3.5	1.5	5	3.8
14	13	6.5	4	3.5	4	5	7.5	**23.5**	16	2	2	7.3
16.5	10	6	7	11.5	8	5.5	5.5	6	8	4	4	5.6
11.5	12	13	13	**16.5**	15	12	6.5	3	5.5	5.5	5	7
23	25.5	23	20.5	**26**	23.5	23	20	14	11.5	14.5	13	**14.2**
19	21	24	**26.5**	20	20	18.5	19	7.5	6	4	3.5	14
25	**28.5**	26.5	25.5	21	19.5	16.5	2.5	2.5	4	2.5	3.5	11.6
18	24	**29.5**	26.5	**29.5**	25	14	12.5	9.5	8	4	15	12.3
27	**28**	25	20.5	23	22.5	18	19	11.5	3.5	3.5	10.5	12.6
14	15	24	25.5	25.5	**28**	25	14	9	6.5	3.5	4.5	10.7
17	20	25	**32.5**	25	18.5	14.5	10.5	4	4.5	4.5	5	10.5
15	16	20	22	**22.5**	21.5	17	20.5	19.5	16	8	2.5	11.2
13	12	20	21	**21.5**	19.5	15	6	8	6	4.5	4.5	8.5
13	**13.4**	12.9	12	12	10.3	8.7	7.3	5.8	4.5	3.7	4.2	7.1

FREQUENCY OF THE WIND.

Day.	N.	NNE.	NE.	ENE.	E.	ESE.	SE.	SSE.	S.	SSW.	SW.	WSW.	W.	WNW.	NW.	NNW.	Calm.	Total wind velocity.	Atmidometer.	Rainfall.
																		Kms.	*mm.*	*mm.*
1		1	2	3	1	1	2				1			1		1	11	117.5	2.7	0.8
2	1		1	1			1		1		1		1		2	1	14	52	.6	2.3
3	5		3				2								1	2	11	80	1.4	.3
4		1	1		1	4	7	1	3								6	164.5	2.6	.3
5			2		3		3			1	5	1	1				8	140	3.3	
6					5		5				1	1	1	1	1		9	114.5	1.9	.3
7			3	1	3		1				1	2	2				11	132	2.2	.5
8	3	1	3				7	1	1						1		8	143	3.3	.8
9	2	1	2		3	2	7										6	160	3.8	
10	6		1		1	1							3	1			11	108	1.7	4.6
11	2		6				2						7		2		5	132	2.7	1
12	3	2	2		3						1		3		1		9	104	2.7	
13	3	2	5		2				1				1		2	2	6	178	2.7	31.3
14	2		2		1	1			1				3	4	1		9	177.5	2.7	46
15	3	3	2			1	2					2				3	8	128.5	2.5	
16	3	4	3					1						2		2	9	132	2	19.8
17	1	2	1													1	19	29	.7	1.1
18	1	1	1	1	1									2			17	48.5	.7	3.8
19					1	1	2		1	1	2		1	2			13	92	2.7	2
20	1									1			3	3	5		11	175	2.8	.4
21			2		5					2	1	2			1		11	135	2	.3
22			1				4		1	3	6	1					8	169	3.1	3.3
23					1				1	4	13	5						340	3.6	.5
24		1			1		2	1	1	1	9	5					3	335.5	3.4	
25					3			1	2	2	6	2	2			1	5	279.5	1.5	11.6
26			1		1				2	2	4	4	4	1			5	296	2.7	6.1
27			1				1		1	2	5	6		1			7	302	2.7	.6
28			3	3	2			1	1	1	3	3	2				5	256.5	3	40.5
29							4			3	7	2	1			1	6	252.5	3	1.6
30		2		2			3	1	1		10	5					1	269.5	3.7	.1
31			2		3		4				3	4	1				6	204.5	3.7	
Total	36	21	50	11	41	11	59	7	18	23	79	45	36	18	17	14	258	5,248	78.1	179.9
Mean	1.2	0.7	1.6	0.4	1.3	0.4	1.9	0.2	0.6	0.7	2.5	1.5	1.2	0.6	0.5	0.5	8.3	169.3	2.5	5.8

EXTREME VALUES.

Day.	Maxima.						Minima.					
	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.
	mm.		°C.		*Per cent.*	*mm.*	*mm.*		°C.		*Per cent.*	*mm.*
1	758.79	8.00a.	32.3	0.05p.	97	23.8	756.55	2.40p.	23.5	5.45a.	66	20.7
2	59.35	10.50a.	30.7	1.20p.	97	23	57.20	4.30p.	**22.4**	5.20a.	70	**19.5**
3	59.40	9.50a.	30.6	4.10p.	98	23	56.90	3.30p.	23	4.45a.	73	20.9
4	59.60	10.45p.	30.8	9.40a.	97	**22.8**	56.55	3.35a.	23.5	5.35a.	67	21.1
5	59.75	10.20p.	32.5	0.55p.	97	23.3	57.40	4.05p.	23.1	5.35a.	68	20.8
6	**60.30**	9.10a.	31.7	1.30p.	95	23.1	**58**	3.45p.	24.6	11.55p.	70	21.6
7	60	10.50a.	32.8	1.55p.	96	23.1	57.79	3.00p.	23.7	5.30a.	64	21
8	59.46	8.00a.	33.7	2.45p.	97	23.5	56.30	4.10p.	22.8	5.30a.	**59**	20
9	59.40	11.20p.	**34.1**	2.25p.	96	24.2	56.30	3.40p.	24	5.25a.	60	21.6
10	60.10	10.55p.	32.9	1.50p.	97	24.2	57.80	1.50p.	23.2	5.50a.	68	20.4
11	59.90	10.00p.	32.9	2.30p.	97	23.6	57.65	4.00p.	23.7	5.50a.	63	21.3
12	59.55	8.30a.	33.3	0.55p.	**92**	23.6	56.85	4.05p.	23.8	5.50a.	63	21
13	60.20	11.00p.	32.4	3.40p.	97	23.1	57.35	5.30p.	22.5	7.15p.	66.5	20.7
14	60	10.25p.	32.3	1.55p.	97	22.9	56.40	4.10p.	23.3	0.05a.	67	21
15	59.70	0.05a.	33.6	0.55p.	97	23.9	57.35	4.00p.	22.8	5.30a.	62	20.6
16	58.90	0.05a.	32.7	11.25a.	97	23.7	56.20	4.25p.	23.3	4.55a.	68	20.5
17	58.60	10.10a.	30	9.25a.	98	23.4	56.11	4.00p.	23.5	5.45a.	75	21.3
18	58.90	10.00p.	**28.2**	2.05p.	97	**22.8**	56.10	4.00p.	23.8	2.30a.	**78**	21.3
19	58.60	10.50p.	32.2	2.05p.	97	23.5	55.95	3.50p.	23.5	5.45a.	66	20.9
20	58.70	8.30p.	33	1.40p.	97	23.4	55.81	3.00p.	23.5	5.25a.	60	19.7
21	58.34	8.00a.	31.5	0.55p.	98	23.8	55.75	4.20p.	23.2	4.45a.	72	20.8
22	57.40	8.40a.	32.2	1.40p.	97	23.8	54.81	4.00p.	22.8	5.35a.	69	20.3
23	**56.80**	10.50p.	32	1.35p.	93	24.1	**54.15**	4.10p.	24.5	3.05a.	68.5	21.9
24	57.90	11.05p.	31.8	0.25p.	96	23.5	55.05	3.45a.	23.8	6.05a.	71	20.5
25	57.85	10.05p.	31.3	0.15p.	98	24.1	55.80	4.10p.	24.4	11.55p.	72	22.1
26	57.60	10.10p.	31.8	1.10p.	97	23.4	55.25	5.15p.	23.8	5.50a.	70	21.6
27	57.25	10.30p.	31.9	0.40p.	97	23.6	54.95	4.45p.	24.3	4.55p.	73	22.1
28	57.40	9.25p.	32.4	2.40p.	**99**	23.7	54.95	3.45p.	24.2	5.05a.	68	22.2
29	57.70	10.30p.	32	1.50p.	98	**24.6**	55.30	4.30p.	24.7	3.55a.	74	**22.3**
30	57.80	10.30p.	32.5	3.25p.	95	24	55.10	4.05p.	24.5	4.35a.	67	22
31	58	11.00p.	33	1.55p.	98	23.9	54.70	5.10p.	**24.8**	Midnight.	64	21.7
Mean	758.81	--------	32.1	--------	96.7	23.6	756.21	--------	23.6	--------	67.8	21.1

DAILY GENERAL REMARKS.

1____d in the early morning and afternoon; ◹° N quadrant in the afternoon; d° in the evening.
2____●° in the forenoon and afternoon.
3____d° in the morning.
4____d in the early morning and afternoon; ⊕° in the morning.
5____Overcast.
6____d in the afternoon.
7____◹° NNE and E, d in the afternoon; coloration of clouds at sunset; ◺ NNW, d in the evening.
8____Coloration and convergence of Ci. toward SW at sunrise; ⊤° E in the afternoon; ◹ N and E, d² in the evening.
9____◹° N quadrant in the afternoon.
10____p, ⊤ NE in the afternoon; coloration of clouds at sunset.
11____d in the early morning; ● in the afternoon; ◺ W in the evening.
12____◹ N, p° in the afternoon; ◹° NW quadrant in the evening.
13____d° 11.30 a. m.; ◹ S in the afternoon; heavy thundershowers in the evening.
14____● in the early morning and at night; heavy thundershowers in the afternoon.
15____⊕² in the morning; ◹ NE in the afternoon; ◺° N in the evening.
16____Convergence of Ci. toward NNE in the morning; heavy thundershowers in the forenoon; ⊕° in the afternoon; ● at night.
17____⊕°, d in the morning.
18____●° in the morning.
19____d in the early morning; ⊤ ESE in the afternoon; ◹° NW quadrant in the evening.
20____●° in the early morning and at night; d in the afternoon.
21____⊕ in the morning; ◹° NNE, d in the afternoon; ◺ N in the evening.
22____⊤° S, ⊤ N in the afternoon; ◹° ESE in the evening.
23____● in the early morning; ⊕ in the morning; d at night.
24____⊕ in the morning; gusty SWly winds, convergence of Ci. toward ESE in the afternoon.
25____⌓° early in the morning; ⊕° at noon; ● in the morning, afternoon and at night.
26____◠° in the morning; ●° in the morning and afternoon.
27____● in the early morning; d in the morning and afternoon; gusty WSW winds, ⊤ NW in the afternoon; intense coloration of clouds at sunset.
28____● in the morning and at night; ◠° in the morning; ◺ in the evening.
29____● in the early morning; ◠ in the morning and at sunset; gusty SWly winds in the afternoon.
30____● in the early morning; d°, ◠ in the morning; ◹° S, somewhat gusty SWly winds in the afternoon.
31____d early in the morning; ⊤° N in the afternoon; somewhat gusty SW winds, ◹° S and ESE in the evening.

OBSERVATIONS FOR AUGUST, 1916.

ATMOSPHERIC PRESSURE, 700mm+.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	57.65	57.40	57.30	57.50	57.65	58.02	58.17	58.07	58.07	58.32	58.23	57.53
2	58.30	58.15	57.95	58	58	58.27	58.30	58.64	58.73	58.62	58.43	57.99
3	58.45	58.15	58.10	58.35	58.20	58.53	58.74	58.70	58.90	58.94	58.90	58.53
4	59.05	58.70	58.80	58.75	59.15	59.15	59.45	**59.84**	59.72	59.76	59.40	58.98
5	58.95	58.30	58.55	58.45	58.15	58.30	58.74	58.83	58.82	58.54	58.37	58.26
6	58.50	58.10	57.75	57.50	57.90	58.25	58.60	58.94	58.68	58.66	58.16	57.88
7	58.30	58	57.95	57.95	58	58.25	58.61	58.69	58.87	58.89	58.59	58.32
8	58.45	58.20	57.85	58	58.25	58.55	58.87	59.32	**59.49**	59.31	58.83	58.37
9	**57.85**	57.45	56.95	56.90	56.75	56.69	57.13	57.30	57.52	57.37	57.15	56.72
10	**55.95**	54.95	54.65	54.45	54.40	54.63	55.15	55.34	55.62	55.60	55.49	54.88
11	54.20	53.90	53.45	53.30	53.65	**54.21**	54.41	54.46	54.87	54.50	54.32	53.84
12	54.30	53.45	53.25	**53.10**	53.15	53.74	53.91	54.35	**54.70**	54.54	54.57	54.52
13	54	53.70	**53.50**	53.60	53.70	53.90	54.91	55.29	55.37	55.38	55.17	55.08
14	57.10	56.70	56.20	**56.15**	56.45	56.51	57.01	57.16	57.70	58	57.80	57.75
15	58.75	58.85	58.65	58.55	58.75	59.14	59.60	59.71	59.89	60	59.87	59.68
16	59.50	59	58.90	58.80	59.10	59.09	59.13	59.50	**59.59**	59.43	59.18	58.54
17	**58.80**	58.30	58.20	58.10	58	58.16	57.91	58.14	58.34	58.13	58.16	57.74
18	57.65	57.40	57.40	57.35	57.55	57.73	58.20	58.23	57.99	57.69	57.33	56.97
19	58	57.90	57.65	57.55	57.50	57.34	57.71	58.24	58.38	58.15	57.84	57.57
20	57.50	57.35	57.25	57.45	57.50	57.95	57.95	58.17	58.24	58.04	58.04	57.73
21	58.60	58.45	58.10	57.90	57.95	58.29	58.85	59.08	59.49	59.49	59.58	59.28
22	60.20	59.95	59.85	59.65	59.65	59.70	60	60.07	60.31	60.22	59.99	59.53
23	**60.15**	60	59.60	59.35	59.25	59.19	59	59.19	59.23	59.04	58.94	58.23
24	58.20	57.80	57.30	57.25	57.25	57.40	57.88	58.23	58.20	58.06	58.03	57.79
25	58.30	57.75	57.55	57.45	57.70	57.90	58.29	58.43	58.41	58.49	58.24	57.76
26	59.80	59.45	58.95	58.90	58.75	58.79	59.25	59.78	59.97	60.01	59.88	59.52
27	59.30	58.85	58.50	58.30	58.45	58.70	58.98	59.24	59.40	59.27	59.16	58.54
28	58.55	58.15	57.85	57.75	58.05	58.15	58.48	58.94	**59.37**	59	58.79	58.22
29	57.75	57.45	56.90	57	57.35	57.74	58.41	58.74	59.19	59.04	58.99	58.50
30	58.55	58.15	57.85	57.65	57.75	57.72	58.25	58.80	59.29	59.08	59.05	58.54
31	59.45	59.20	58.85	58.65	58.95	59.25	59.74	59.99	60.04	59.95	59.73	59.38
Mean	58.07	57.71	57.47	57.41	57.51	57.72	58.05	58.30	58.46	58.37	58.20	57.81

TEMPERATURE (°C.).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	24.6	**24.4**	24.7	**24.4**	24.6	24.6	26.5	28.6	29	30.2	29.6	31
2	24.9	24.8	25	24.9	24.9	**24.7**	25.6	28.6	29.1	28.5	30.2	30.3
3	27.4	27.2	26.8	26.8	25.7	**25.5**	**25.5**	27.5	29.2	30.1	**25.5**	28.3
4	27.3	27.2	27.2	26.4	**25.5**	25.6	26.9	27.6	29.7	29.5	29.8	30.1
5	25.4	25.1	25.1	25.4	25.1	**24.4**	25	26.3	27.1	28.5	29.2	**30.6**
6	25.2	24.7	**24.3**	24.4	24.4	24.5	25.7	26.4	27.4	28	28.3	**28.7**
7	25	24.7	24.4	**24**	26.3	25.3	25.6	27.5	29.8	30.4	31	**31.5**
8	24.8	24.6	24.4	**24.2**	**24.2**	24.3	27.1	28.8	29.9	30.1	29.6	29.5
9	27.2	26.9	26.8	26.8	26.7	26.9	27.3	29.2	29.2	30.5	30.9	30.7
10	27.3	28.2	28.2	27.6	28.3	28.3	28.2	28.9	29.3	27	29	**29.8**
11	26.8	26.8	26.5	26.1	**25.5**	26.2	26.4	26.3	27.4	27.7	27.6	29.1
12	27.1	**26.9**	27.2	27	27.4	27.8	27.7	27.1	27.5	29.7	29.2	30
13	28.2	28	28.1	27.8	27.9	27.4	26.6	27.1	26.7	28.8	27.4	27.6
14	26.1	25.9	25.3	25	25	25.5	26.4	27.2	29.2	27	27.3	29
15	24.2	24.1	23.8	23.7	**23.5**	23.6	24.9	27.5	28.9	29.3	29.9	30.1
16	26	25.4	25.1	25.1	25.1	**24.9**	25	26.5	26.8	28	29	28.8
17	**24.4**	24.8	24.8	25.1	24.9	25.4	26.3	27.5	27.4	29.9	29.7	29.1
18	25.1	25.2	25	25.7	25.3	25.1	25.4	27.7	28.6	29.5	29	29.7
19	**23.2**	23.5	23.6	24.3	23.9	24	25.5	26.5	28.6	30	29.7	**31.1**
20	**25.3**	26	26.3	26	25.5	26.1	27.1	29.2	30	30.5	30.2	30.3
21	25.3	24.8	24.4	24.5	24.3	**24.2**	26.3	27.2	26.7	28.7	30.1	**30.3**
22	25.1	24.6	24.3	24.2	23.9	23.8	26.3	28.5	28.1	29.7	30.8	30.6
23	**22.4**	22.6	22.6	22.6	22.6	22.9	25.1	27.4	28	29.2	29.4	30.2
24	24.3	24.2	23.7	**23.6**	**23.6**	23.7	26.7	28.6	29.8	30.7	30.6	30.6
25	24.8	24.6	**24.5**	**24.5**	24.6	**24.5**	25.4	27.3	29.9	29.9	31.7	32.3
26	24.9	24.6	24.3	24.2	24.1	**23.8**	25.2	27.8	29.6	30.2	29.9	29.7
27	24.7	24.4	24.2	23.7	23.6	**23.5**	25	26.4	27.1	30.2	30	31
28	24.3	23.9	23.5	23.5	23.4	**23.3**	24.8	27	29.7	29.7	29.9	30.3
29	24	23.7	23.7	**23.6**	23.8	23.8	24.3	24.8	24.5	24.3	25	26
30	24.1	24	23.9	23.5	23.3	**23.2**	23.9	26.2	27.8	29.9	30.4	30.3
31	25.6	25.5	25.3	25	24.5	**24.4**	26.1	28.5	28.8	29.7	30.2	30.5
Mean	25.3	25.2	25.1	25	**24.9**	**24.9**	25.9	27.5	28.4	29.2	29.4	29.9

ATMOSPHERIC PRESSURE, 700mm+.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
57.02	**56.56**	56.77	57.23	57.55	57.22	57.91	58.30	58.65	**58.90**	**58.90**	58.20	57.80
57.53	56.89	56.67	**56.52**	56.67	57.25	57.77	57.95	58.35	58.65	**59.10**	58.60	57.97
57.66	57.11	57.10	57.05	**57.04**	57.78	58.30	58.65	59	59.25	**59.35**	59.20	58.33
58.70	58.15	57.82	**57.49**	57.92	58.50	58.64	58.80	59.05	59.45	59.75	59.40	58.93
57.83	57.20	56.97	**56.72**	57.11	57.45	57.87	58.45	58.60	59.35	**59.40**	59.05	58.26
57.39	56.98	56.88	**56.83**	56.98	57.34	57.85	58.15	58.65	**58.95**	58.75	58.65	58.01
58.01	57.51	**57.15**	57.35	57.56	57.79	57.82	58.35	58.90	**59.30**	59.05	58.85	58.25
57.91	57.49	57.10	**56.92**	57.26	57.55	57.79	58.15	58.60	58.65	58.45	58.25	58.23
56	55.61	55.56	**55.41**	55.97	56.42	56.76	57	57.40	57.70	57.45	56.65	56.82
54.62	54.79	54.23	**53.59**	53.65	53.69	54.01	54.40	54.95	55	54.80	54.60	54.73
53.43	53.32	52.94	**52.77**	52.95	53.05	53.93	54.20	54.55	54.80	**54.95**	54.45	**53.94**
53.96	53.77	53.45	53.38	53.13	53.49	53.99	54.20	54.50	54.60	54.55	54	**53.94**
54.84	54.63	54.40	54.39	54.60	54.80	55.20	55.95	56.25	57.15	**57.35**	57	55.01
57.33	57.04	56.73	56.68	56.86	57.02	57.90	58.30	59.10	59.95	**60.10**	59.40	57.54
59.03	58.45	58.07	**57.85**	57.92	58.39	58.83	59.30	59.80	60.05	**60.30**	59.85	59.14
58.22	57.55	57.40	57.26	**57.06**	57.44	57.62	57.95	58.20	58.90	58.90	58.85	58.55
57.25	56.86	56.78	56.80	**56.77**	57.09	57.33	58.05	58.50	58.75	58.75	58.30	57.88
56.73	56.42	**56.15**	56.49	56.76	57.06	57.82	58.35	**59.05**	59	59	58.40	57.61
57.18	56.75	**56.51**	56.60	57.11	57.32	57.63	57.80	58.30	**58.45**	58.20	57.80	57.64
57.39	57.02	56.80	**56.75**	56.96	57.44	58.10	58.35	**58.70**	**58.70**	58.60	58.50	57.77
58.69	58.16	57.96	**57.78**	58.06	58.60	58.91	59.55	60	60.40	**60.50**	60.30	58.92
58.56	58.03	57.68	**57.63**	57.86	58.41	58.92	59.45	60.20	60.90	**61.70**	60.60	**59.54**
57.66	56.79	56.50	**56.36**	56.57	56.95	57.27	58.05	58.50	58.75	59.05	58.50	58.42
56.97	56.50	**55.84**	55.95	56.58	56.92	57.66	58.30	58.85	**59.15**	**59.15**	58.90	57.67
57.36	56.79	**56.56**	56.85	57.23	57.92	58.56	59.20	59.95	60.45	**60.60**	60.40	58.26
58.57	57.82	57.75	**57.42**	58.02	58.35	58.76	59.35	59.65	**60.10**	59.90	59.75	59.10
58.01	57.46	57.36	**56.86**	57.01	57.24	57.85	58.35	58.70	59.20	**59.45**	59	58.47
57.54	56.95	56.77	57.02	**56.32**	56.38	57.08	57.80	58.25	58.35	58.35	58.15	57.93
57.91	57.35	56.83	**56.64**	57.04	57.35	57.96	58.50	59.10	**59.45**	59.40	58.95	58.06
57.99	57.64	**57.26**	57.30	57.44	58.09	58.67	59.10	59.80	**59.90**	59.75	59.55	58.47
58.52	**58.03**	58.31	58.41	58.54	58.98	59.61	59.90	60.10	**60.35**	60	59.30	59.30
57.28	56.83	56.59	**56.53**	56.73	57.07	57.56	58.01	58.46	58.79	**58.82**	58.43	57.76

TEMPERATURE (°C.).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
31.7	**32.1**	29.6	28.4	27.5	26.7	26	25.8	25.4	25.2	24.9	25	27.1
30.5	**30.8**	30.7	30.5	29.8	28.4	28	27.9	27.8	27.7	27.2	27.4	27.8
30.2	29.3	29.4	29.5	29	27.6	27.2	27.2	27.3	27.3	27.4	27.2	27.7
30	**30.4**	30.2	29.1	28.2	27.1	27.2	27	27.3	27.2	26.3	25.8	27.9
29.2	30.5	30.5	29.8	28.6	27.2	26.9	26.9	27.1	25.2	25.1	24.6	27
28.7	28.2	28.2	28.2	28.2	28	27.6	27.1	27.1	27	27	27	26.8
31.3	30.8	30.9	**29.3**	28.5	27.6	27.7	28.2	27.8	27.7	27.3	25.8	27.8
30.3	**31**	30.4	30	29.6	28.1	27.9	27.8	27.8	27.7	27.1	27.2	27.8
31.4	**31.6**	30.1	29.3	26	**25.7**	27	25.9	26.2	26.2	27	27.6	28
25.8	26.2	26.6	27.7	28	27.3	27.4	26.7	26.8	26.7	26.6	26.8	27.6
28	28.7	**29.3**	29.1	28.3	27.9	27.8	28	27.6	27.6	26.3	26.9	27.4
30	30.6	**30.8**	29.9	27.5	28.5	28.5	28.5	28.6	28.5	28.3	28.1	**28.4**
28.2	**29.2**	28.1	26.7	28	27.2	26.8	26.9	26.4	26.5	**25.9**	26.1	27.4
30.1	29.7	30	29.6	28	27.2	25.6	26.2	25.1	25.3	25.4	**24.8**	26.9
30.9	30.7	30.8	30.4	29.9	28.2	27.8	27.8	27.5	27.1	26.4	26.1	27.4
29.9	29.6	28.9	29	28.6	28	27.5	27.5	27.4	26.6	26.2	25.7	27.1
30.4	29.8	28.2	26.2	27	25.8	25.7	25.7	25.7	25.9	25.7	24.9	26.7
29.8	**30.4**	**30.4**	26	27.1	27.1	24.8	24.4	24.4	23.5	23.2	**23**	26.5
30.4	29.9	29.4	29.9	25.4	25.2	26.8	26.3	26.2	26.6	25.4	25.2	26.7
30.7	**30.7**	30.3	29.8	28.6	28	27.6	27.5	27.3	26.5	26.2	25.7	28
29.4	29.1	28.8	29.2	29.7	27.9	27.3	27.2	27.1	26.7	26.4	25.5	27.1
31.1	**31.7**	30.6	29.3	30.3	28.4	28	27.9	27.6	26.2	**22.3**	**22.3**	27.3
30.8	30.4	30.8	**31**	29.8	28.4	26.8	27.2	27.1	25.8	25.3	24.4	26.8
31.4	**31.7**	31.4	31.2	30.3	28.4	28.2	28	27.4	26.9	25.6	25.1	27.7
32.4	**32.7**	32	31.2	27.2	27.9	27.3	26.3	25.8	25.5	25.4	25.4	27.6
29.9	**31.5**	31	31.2	31.1	29.1	27.8	27	26.2	25.6	25.3	24.9	27.5
31.6	29.8	27.3	27.5	27.8	26.6	25.7	25.5	25.2	25.1	24.7	24.4	26.5
31	31.4	**31.7**	26.3	24.9	24.9	24.6	24.8	24.7	24.9	24.5	24.2	26.3
26.7	26.9	**27.5**	**27.5**	27.3	26.2	25.4	25.4	25.5	25	24.8	24.3	**25.2**
30.4	30.5	30.5	**30.9**	30	28	27.4	27.4	26.5	25.8	25.6	25.9	27.1
30.7	**32.1**	31.5	27.4	26.3	26.4	25.7	25.3	25.1	24.9	24.9	24.6	27
30.1	**30.3**	29.9	29.1	28.3	27.4	27	26.8	26.6	26.3	25.8	25.5	27.2

RELATIVE HUMIDITY (%).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	97	97	96	97	96	96	89	83	81	77	79	71
2	96	96	96	95	95	96	93	80	77	79	71	71
3	84	85	87	87	95	95	98	88	77	75	94	82
4	84	82	83.5	86	91	92	85	85	74	78	77	76
5	95	96	95	93	93	95	92	87	84	80	77	71
6	95	97	99	98	99	98	92	89	83	79	77	79
7	97	97	98	99	82	93	93	84	75	71	70	67
8	94	95	97	97	97	96	83	77	72	67.5	68	70
9	85	85	86	86	88	87	85	77	77	73	70	70.5
10	84	82	83	86	82	82	82	79	76	84	76	74
11	87	89	88	92	92	89	89	90	84	85	84	81
12	86	88	87	88	88	84	86	89	86	77	77	75
13	82	83	82	84	84	85	89	90	90	82	87	87
14	91	92	93	95	95	94	90	87	76	86	85	78
15	97	96	97	97	99	98	94	83	77	75	76	73
16	94	96	96	84	95	97	96	86	90	85	74	77
17	96	92	93	92	92	91	85.5	81	87	73	72.5	76
18	90	90	89	89	88	87	89	79	74	72	71	71
19	99	99	97	95	97	97	93	89	80	75	77	71
20	94	89	85.5	88	92	86	81	72	71	71	73.5	70
21	92	93	96	95	96	96	86	84	90	79	75	71.5
22	93	95	96	95	97	97	84	78	80	72.5	67	68
23	100	98	98	97	97	97	89	81	81	77	73	69
24	93	94	98	98	98	97	84	79	76	73	73	73
25	92	94	95	95	95	94	92	87	76	76	66	63
26	92	94	95	95	94	96	90	80	75	73.5	75	75
27	92	91	91	94	93	94	90	82	83	69	72	69
28	96	97	97	97	96	95	88	80	71	72.5	73	70
29	95	96	97	97	95	95	92	92	97	95	89	84
30	96	96	95	97	97	97	95	86	79	72	70	69
31	93	92	92	94	96	97	89	79	79	73	71	67
Mean	92.3	92.5	92.8	93.3	93.4	93.3	89.1	83.3	79.9	76.7	75.5	73.2

VAPOR PRESSURE (mm).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	22.2	22.1	22.2	21.9	22	22	22.8	24.2	24	24.5	24.2	23.8
2	22.4	22.3	22.5	22.2	22.2	22.2	22.5	23.1	23.1	22.8	22.5	22.7
3	22.9	22.8	22.8	22.8	23.3	23	23.6	24.1	23.2	23.9	22.8	23.3
4	22.5	21.9	22.4	22	22	22.4	22.4	23.3	22.9	23.8	24.1	24.1
5	22.9	22.7	22.5	22.3	22.1	21.6	21.6	22.1	22.4	23.2	23.2	23.1
6	22.6	22.3	22.4	22.3	22.5	22.4	22.5	22.7	22.5	22.1	22.1	23.1
7	22.8	22.5	22.3	22	20.8	22.3	22.8	23	23.2	22.8	23.3	23
8	21.9	21.8	21.9	21.7	21.7	21.6	22.3	22.6	22.6	21.4	20.9	21.3
9	22.8	22.4	22.6	22.6	22.9	22.9	22.9	23.2	23.2	23.6	23.2	23.1
10	22.5	23.2	23.6	23.6	23.3	23.3	23.2	23.4	23.1	22.3	22.5	23.1
11	22.8	23.3	22.6	23	22.2	22.4	22.7	22.8	22.9	23.5	23.2	24.1
12	22.8	23.2	23.4	23.3	23.9	23.5	23.7	23.6	23.4	24	23.2	23.8
13	23.2	23.3	23.3	23.2	23.4	23	23	23.9	23.5	24.1	23.7	23.7
14	22.9	22.8	22.3	22.4	22.4	22.8	22.9	23.4	23	22.7	22.9	23.1
15	21.8	21.4	21.2	21	21.3	21.3	22	22.6	22.8	22.7	23.8	23.3
16	23.3	23.1	22.7	22.3	22.5	22.6	22.5	22	23.7	23.8	22	22.6
17	21.7	21.3	21.7	21.9	21.4	21.9	21.7	22.2	23.7	23	22.4	22.7
18	21.3	21.4	21	21.9	21	20.5	21.5	21.6	21.5	22	21.1	22
19	20.9	21.3	21.1	21.4	21.3	21.4	22.4	22.8	23.4	23.8	23.7	24
20	22.6	22.1	21.7	21.9	22.2	21.7	21.6	21.8	22.3	23	23.4	22.5
21	21.9	21.7	21.7	21.7	21.6	21.5	21.9	22.6	23.3	23.1	23.7	22.9
22	22.1	21.8	21.6	21.3	21.3	21.2	21.3	22.6	22.6	22.4	22	22.1
23	20.2	20	20	19.8	19.8	20	21.1	22.1	22.7	23.2	22.2	22
24	21	21.1	21.4	21.3	21.3	21.2	21.9	23	23.6	23.9	23.8	23.8
25	21.3	21.6	21.7	21.7	21.8	21.5	22.1	23.4	23.8	23.8	23.2	22.8
26	21.6	21.6	21.4	21.3	21	20.9	21.4	22.2	22.9	23.4	23.4	23.3
27	21.2	20.8	20.5	20.5	20.1	20.2	21.2	21.1	22	22	22.7	23.2
28	21.6	21.3	21	21	20.4	20.1	20.5	21.1	21.9	22.4	22.7	22.5
29	21	20.8	21	20.9	20.8	20.8	20.9	21.3	21.9	21.4	21	21
30	21.4	21.2	20.9	21	20.7	20.4	20.9	21.8	22	22.6	22.4	22.1
31	22.5	22.2	21.9	22.1	21.9	21.9	22.5	22.8	23.3	22.7	22.5	21.8
Mean	22.1	22	21.9	21.9	21.8	21.8	22.1	22.7	22.9	23	22.8	22.9

RELATIVE HUMIDITY (%).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
68	69	77	76	86	90	93	93	95	96	97	96	87.3
71	72	73	72	75	81	82	82	84	84	87	84	83
73	76	76	75	72	81	82	82	82	83	83	80	83
75	74	75	78	83	87	85	87	84	85	91	93	82.9
76	70	71	74	80	84	86	85	82	94	97	97	85.6
77	79	78	79	78	79	81	84	86	87	84	83	85.8
68	68	67	72	74	78	79	77	80	80	84	90	81
66	64	67	69	69	77	77	78	79	80	83	83	79.4
70	69	76	75	94	93	87	92	88	89.5	85	84	82.2
92	90	89	87	84	87	88	86	89	87	88	89	84.4
85	80	78	81	82	82	84	82	84	84	93	89	85.6
75	72	74	75	89	83	82	81	80	81	81	82	81.9
82	81	88	90	86	86	92	91	92	90	93	92	87
72	75	75	74	82	86	92	87	93	93	92	94	86.5
69	70.5	71	72	70	80	82	81	85	86	92	93	83.9
73	75	77	74	77	79	81	81	82	86	88	88	85
68	73	75	88	84	88	92	89	88	90	88	92	85.2
71	70	72	90	83	84	94	95	95	98	99	99	85
74	71	74	73	94	94	82	89	89.5	86	94	95	86.9
70	70.5	71	71	75	79	82	83	82	89	90	92	80.3
75	76	78	72	72	79	81	83	83	86	87	92	84.1
65.5	63	67	76	72	80	82	82	84	80	100	100	82.2
65	66	63	64	69	75	84	81	83	88	88	92	82.3
69	67	65	66	68	75	76	78	83	86	88	88	81
57.5	59	62	66	87	83	87	89	92	93	93	91	82.7
74	66	69	62	62	68	76	79	85	89	90	91	81.1
66	71	81	84	86	91	94	95	95	94	94	97	86.2
66	63	59	83	88	87	90	90	89	89	92	94	84.3
83	83	81	81	82	88	91	93	89	91	91	94	90.4
68	66.5	67	65	70	78	81	81	87	93	93	92	82.9
67	64	63	80	88	88	90	92	92	91	91	92	84.2
72	71.4	72.9	75.6	79.4	82.9	85	85.4	86.5	88	90.2	90.9	84

VAPOR PRESSURE (mm).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
23.6	24.4	23.8	21.9	23.4	23.3	23.1	23.1	22.9	22.8	22.6	22.5	23.1
23	23.9	23.9	23.2	23.5	23.3	23.1	22.7	23.2	23.1	23.4	22.6	22.9
23.2	23.1	23.3	22.8	21.5	22.1	21.9	21.9	22.1	22.3	22.5	21.4	22.8
23.8	23.7	24.1	23.5	23.6	23.2	22.8	23.1	22.7	22.8	23.2	22.8	23
23	22.6	23	23.1	23.4	22.6	22.8	22.4	21.8	22.4	22.9	22.4	22.6
22.5	22.4	22.1	22.4	22.1	22.1	22.3	22.4	22.8	23.1	22.3	21.9	22.4
23	22.4	22.1	21.9	21.4	21.3	21.6	21.7	22.2	22	22.5	22,3	22.3
21.1	21.2	21.6	21.8	21.1	21.6	21.4	21.6	22	22	22.3	22.2	21.7
23.9	23.8	24.1	22.7	23.3	22.7	23.1	22.8	22.2	22.6	22.5	22.9	23
22.7	22.8	23	23.9	23.5	23.4	23.9	22.5	23.3	22.7	22.7	23.3	23.1
23.8	23.5	23.5	24.1	23.3	23	23.2	23.1	23.2	23.2	23.6	23.4	23.2
23.8	23.6	24.3	23.6	24.2	23.9	23.6	23.4	23.1	23.4	23.2	23.3	23.6
23.2	24.3	24.7	23.3	24.2	23	24.1	24	23.5	23.2	23	23	23.5
22.9	23.1	23.5	22.8	22.9	23	22.4	22	22.1	22.2	22.1	21.9	22.7
23	23.1	23.4	23.3	21.9	22.8	22.6	22.4	23.2	22.8	23.5	23.3	22.5
22.7	23.2	22.8	21.9	22.3	22.1	22	22	22.2	22.2	22.2	21.7	22.5
22	22.6	21.3	22.2	22.3	21.9	22.5	21.9	21.7	22.4	21.7	21.4	22.1
22	22.7	23.1	22.5	22	22.4	21.9	21.6	21.6	21.1	20.9	20.7	21.6
23.7	22.2	22.5	22.7	22.7	22.4	21.4	22.5	22.6	22.3	22.7	22.6	22.4
22.9	23.1	22.7	22.2	21.9	22.1	22.5	22.6	22.1	22.8	22.8	22.5	22.4
22.9	22.8	22.8	21.8	22.3	22.2	21.9	22.2	22	22.3	22.3	22.2	22.3
22	21.9	21.9	22.9	23.2	22.8	22.9	22.7	22.9	20.2	20	20	21.9
21.3	21.2	20.8	21.5	21.6	21.6	22	21.6	22	21.6	21.2	21	21.3
23.5	23.3	22.1	22.4	21.9	21.5	21.6	21.9	22.5	22.5	21.6	20.7	22.2
20.8	21.7	21.9	22.2	23.2	23.2	23.5	22.5	22.7	22.6	22.3	21.9	22.4
23.2	22.6	22.9	20.9	20.7	20.4	21	20.9	21.6	21.8	21.5	21.2	21.8
22.8	22.2	21.7	23	23.9	23.5	23.1	23	22.6	22.3	21.8	22.1	22
22.1	21.6	20.4	21.2	20.6	20.3	20.7	20.9	20.6	20.9	21.1	21.1	21.2
21.5	21.7	22.2	22	22.1	22.2	21.9	22.3	21.7	21.3	21.1	21.2	21.4
21.8	21.5	21.8	21.7	22.1	21.9	22.1	22.1	22.4	22.8	22.5	22.8	21.8
21.8	22.6	21.7	21.7	22.3	22.4	22.1	21.9	21.7	21.2	21.2	21.2	22.1
22.7	22.7	22.7	22.5	22.5	22.4	22.4	22.3	22.4	22.3	22.2	22	22.4

CLOUDS—FORM AND DIRECTION.

Day.	8 a.		9 a.		10 a.		11 a.		Noon.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1	A.-Cu.	Cu.		N.-cf. E	Ci.	N.-cf. E	Ci.	Cu. E	Ci.	Cu. E
2	Ci.	Cu. NW	A.-Cu.	Cu.	A.-Cu. S	Cu.	Ci.	Cu.	Ci.	Cu.
3	Ci.-S.	Cu.	Ci.-S.	N.-cf. WSW	Ci.-S.	N.-cf. WSW		N.		Cu. WSW
4	A.-Cu.	Cu.-N. wsw	A.-Cu.	Cu. WSW	A.-Cu.	Cu. SW	A.-Cu.	Cu. SW	Ci.	Cu. WSW
5	Ci.-S.	S.-Cu. SSW	Ci.-S.	N.-cf. SSW	Ci.-S.	N.-cf. SSW	Ci.-S.	N.-cf. SSW	Ci.-S.	Cu.
6	Ci.-S.	Cu.-N. wsw	Ci.-S.	Cu.-N. wsw	Ci.-S.	Cu.-N. wsw	Ci.-S.	N.-cf.	Ci.-S.	N.-cf. WNW
7	Ci.-S.	Cu. WSW	Ci.-S.	Cu. WSW	Ci.-S. E	Cu. WSW	Ci.-S.	Cu. WSW	Ci.-S.	Cu. WSW
8	Ci.-S.	Cu. WSW	Ci.-S.	Cu. WSW	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.
9	Ci.-S.	Cu.-N. wsw	A.-Cu. NNW	Cu. WSW	A.-Cu. NNW	Cu. WSW	A.-Cu. NW	Cu. WSW	A.-Cu. NW	Cu. WSW
10	Ci.-S.	cu.-N. SWbyW	Ci.-S.	N.-cf. SWbyW	Ci.-S.	Cu.-N. SWbyW	Ci.-S.	N.-cf. SWbyW	Ci.-S.	N.-cf. SWbyW
11	Ci.-S.	N. SW	Ci.-S.	Fr.-N. SW	Ci.-S.	Fr.-N. SW	Ci.-S.	Cu.-N.	Ci.-S.	N.-cf.
12	Ci.-S.	Fr.-N. SW	Ci.-S.	Fr.-N. SW	Ci.-S.	N.-cf. SW	Ci.-S.	Cu. SW	Ci.-S.	Fr.-N. SW
13	Ci.-S.	Fr.-N. WSW	Ci.-S.	Fr.-N. WSW		Fr.-N. WSW		N. WSW		Fr.-N. WSW
14	A.-Cu.	N.-cf. SWbyW	A.-Cu.	Cu. WSW		N.-cf. SWbyW		Fr.-N. WSW	A.-Cu.	N.-cf.
15	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.	Cu.	Ci.-S.	Cu.
16	A.-Cu.	Cu.-N. SW		Cu.-N. wsw	Ci.-S.	Cu.-N. wsw	Ci.-S.	Cu.	Ci.-S.	Cu.
17	Ci.-S.	Cu. WSW		Cu.-N. wsw	Ci.-S.	Cu.-N.	Ci.	Cu.-N. WSW	Ci.-S.	Cu.-N. wsw
18	A.-Cu.	Cu. SW	A.-Cu.	Cu. SW	A.-Cu. W	Cu.	A.-Cu.	Cu.	A.-Cu.	Cu.
19	A.-Cu.	Cu.-N. wsw	A.-Cu.	Cu. WSW	A.-Cu.	Cu.-N. wsw	A.-Cu.	Cu. WSW	A.-Cu.	Cu. WSW
20	Ci.-Cu.	Cu. WSW	Ci.	Cu. WSW	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.
21		Cu.-N. wbys	A.-Cu.	Cu.-N. wsw	A.-Cu. W	Cu.	A.-Cu. W	Cu.	A.-Cu.	Cu.
22	Ci.	Cu.		Cu. E	Ci.	Cu.	Ci. NE	Cu.	Ci. NE	Cu.
23	Ci.	Cu.	Ci.-S. NE	Cu. N	Ci.-S. NE	Cu. N	Ci.-S. NE	Cu.	Ci.-S. NE	Cu. N
24	Ci. ENE	Cu. E	Ci.	Cu. E	Ci.	Cu. E		Cu. E		Cu. E
25	Ci.-S.	Cu.	Ci.-S.	Cu. ESE	Ci.-S.	Cu. ESE	Ci.-S.	Cu. ESE	Ci.	Cu.
26	Ci. NE	Cu.	Ci.-S. NE	Cu. E	Ci. NE	Cu. E	Ci.-S. NE	Cu.	Ci.-S.	Cu.
27	Ci.-S.	Cu.-N.	Ci.-S. ENE	N.-cf. E	Ci.-S. ENE	Cu.	Ci.-S.	Cu. E	Ci.-S. ENE	Cu. E
28	Ci. SE	Cu.	Ci. SE	Cu.	Ci. SE	Cu. E	Ci.	Cu. E	Ci.	Cu. E
29		Fr.-N. E		N.		N.	Ci.-S.	N.	Ci.-S.	S.-Cu.
30	A.-Cu. ESE	Cu. SE	A.-Cu. E	Cu. SE	A.-Cu. E	Cu. SE	A.-Cu. E	Cu. SE	A.-Cu. E	Cu. SE
31	Ci.	Cu.	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu.	Ci.	Cu.

Day.	1 p.		2 p.		3 p.		4 p.		5 p.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1	Ci.	Cu.		Cu.-N. E	Ci.-S.	Cu.-N. E		Cu.-N. E	Ci.-S.	Cu.-N.
2	Ci.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.
3	Ci.	Cu. WSW	Ci. ESE	Cu. WSW	Ci.	Cu. SW	Ci.	Cu.	Ci.	Cu.
4	Ci.	Cu. WSW	Ci.	Cu. WSW	Ci.-S.	Cu. WSW	Ci.-S.	Cu. WSW	Ci.	Cu. WSW
5	Ci.-S.	Cu. SW	Ci.-S. N	Cu. SW	Ci.	Cu. WSW	Ci.	Cu. WSW	Ci.	Cu. WSW
6	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	N.-cf. WSW	Ci.-S.	N.-cf. WSW	Ci.-S.	N.-cf. WSW
7	Ci.-S.	Cu. WSW	A.-Cu. N	Cu.	A.-Cu. N	Cu.	A.-Cu.	Cu. WSW	A.-Cu.	N.-cf. WSW
8	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu. WSW	Ci.	Cu. WSW	Ci.	Cu. WSW
9	Ci.-S.	Cu. WSW	Ci.-S.	Cu. WSW	Ci.-S.	N.-cf. WSW	Ci.-S.	N.-cf. WSW		Cu.-N. wsw
10	Ci.-S.	cu.-N. SWbyW		N. SW	Ci.-S.	Cu.-N. SW	Ci.-S.	Cu.-N. SWbyW		N. SW
11	Ci.-S.	Cu. SW		N. SW	Ci.-S.	Cu.-N. SW	Ci.-S.	N. SW		N. SW
12	Ci.-S.	Fr.-N. SW	Ci.-S.	cu.-N. SWbyW	Ci.-S.	Cu.-N. wsw	Ci.-S.	Cu.-N. W	Ci.-Cu.	Cu.-N. W
13	Ci.-S.	Fr.-N WSW	Ci.-S.	Fr.-N. WSW	Ci.-S.	Cu.-N. wsw		Cu.-N. wsw		Cu.-N. wsw
14	A.-Cu.	Cu. WSW	Ci.-S.	Cu.	A.-Cu.	Cu. WSW	A.-Cu.	Cu. WSW	A.-Cu.	Fr.-N WSW
15	Ci.-S.	Cu.-N.	Ci.-S.	Cu.	A.-Cu.	Cu.	A.-Cu.	Cu.	A.-Cu.	Cu.
16	A.-Cu.	Cu.	A.-Cu.	Cu.	A.-Cu.	Cu.	A.-Cu.	S.-Cu. WSW	A.-cu.NEbyE	S.-Cu.
17	A.-Cu.	Cu.	A.-Cu.	Cu. WSW	A.-Cu.	Cu.-N. wsw	A.-Cu.	Cu.-N. wsw		Fr.-N. SW
18	A.-Cu.	Cu.	A.-Cu. W	Cu.	Ci.-S.	Cu.		Cu.-N. SW		Cu.-N. SW
19	A.-Cu.	Cu. WSW	A.-Cu.	Cu. WSW	A.-Cu.	Cu. WSW	A.-Cu.	Cu. WSW		Cu.-N.
20	Ci.	Cu.-N.	A.-Cu. SE	Cu.	Ci.	Cu.	Ci.	Cu.	A.-Cu. SE	Cu.
21	A.-Cu.	Cu.	A.-Cu. E	Cu.-N.	A.-Cu. E	Cu.-N.	A.-Cu. E	S.-Cu.	A.-Cu. E	S.-Cu.
22	Ci.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.-N. E	Ci.-S. NE	Cu.-N.	Ci.-S.	Cu.
23	Ci. NE	Cu. N	Ci.	Cu.	Ci.-S. ENE	Cu.	Ci.-S. ENE	Cu.	Ci.-S.	Cu.
24		Cu. E	Ci. NE	Cu.	Ci. ENE	Cu.	Ci. ENE	Cu. ESE	Ci. ENE	Cu. ESE
25	Ci.	Cu.	Ci.	Cu. ESE	Ci. NE	Cu. ESE	Ci.	Cu.-N. ESE	Ci.	Cu.-N.
26	Ci.-S.	Cu.-N. E	Ci.-S.	Cu.-N. ESE	Ci.-S. ENE	Cu. E	Ci. NE	Cu. ESE	Ci. ENE	Cu. E
27		Cu. E		Cu.-N. E		Cu.-N. E	Ci.-S.	Cu.	Ci.-S.	Cu.
28	Ci.	Cu. E	Ci.	Cu. E	Ci.-S.	Cu.-N. E	Ci.-S. SSE	Cu.-N. E	Ci.-S. SSE	Cu.-N. E
29	Ci.-S.	S.-Cu.	Ci.-S.	Cu.-N. ESE	Ci.-S.	Cu.-N. ESE	Ci.-S.	Cu.-N. ESE	Ci.-S.	Cu.-N. ESE
30	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci. ENE	Cu. SE	Ci. ENE	Cu. ESE
31	Ci.	Cu.	Ci.-S.	Cu.-N. E	Ci.-S.	Cu.-N. E	Ci.-S.	Cu.-N. E	Ci.-S.	N. E

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	NE 0.5	Calm	Calm	Calm	Calm	NE 0.5	ENE 0.5	Calm	WSW 1	WSW 1.5	Calm	WSW 2.5
2	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	WSW 1.5	WSW 4	SSW 1.5	WSW 1.5
3	SW 4	NNW 3	W 3	NE 2	NE 0.5	Calm	Calm	Calm	S 1	W .5	WNW 4	SW 5
4	WSW 5	WSW 4.5	WSW 3.5	NW 3	SSW 3	WSW 4.5	WSW 3	WSW 4.5	WSW 4	SW 4.5	SW 6.5	SW 8.5
5	Calm	ENE .5	E .5	SSW 3	S 1	SE .5	Calm	SE .5	S 1.5	Calm	SW 2.5	SW 3.5
6	NW 1	NE .5	NE 1	Calm	Calm	NNW 1.5	WNW 3	NNW 6	NW 1.5	WNW 1.5	SW 2	SW 3
7	S .5	Calm	Calm	Calm	SW 3	SW 1	Calm	Calm	SW 2	WSW 5	WSW 7	SW 4
8	Calm	SE .5	SE .5	SE .5	Calm	ESE .5	ESE .5	SSW 1	SW 4	SW 5.5	SW 4	WSW 5
9	SSW 4	SSW 4	SSW 5	SSW 4	SSW 4	SW 5.5	SSW 5	SSW 7.5	SW 7.5	SW 9	SW 9.5	SW 8
10	SW 6	SSW 8	SSW 7.5	SW 9	SW 9	SW 9	SW 9.5	SW 13	SW 8	SW 9	SW 7.5	SW 8.5
11	S 4	SSW 3.5	SSW 5	SSW 2	S 5.5	SSW 5.5	SSW 4	Calm	SSW 5	SSW 5.5	SSW 5	SSW 2.5
12	SSW 4.5	SSW 3	SSW 5	SSW 5	SW 6	SW 6	SW 2.5	SSW 5	SSW 3.5	WSW 9	SW 10	SW 7
13	SW 6.5	SW 7	SW 7.5	SW 7.5	swbyS 6.5	SSE 3.5	SSW 4.5	SbyW 5	SSW 7	SWbyS 6	WSW 11	SW 6.5
14	SW 7	SSW 4.5	Calm	Calm	SSE 1	SSW 3.5	WbyS 2	SSW 6.5	SWbyS 6	SW 11.5	SW 8	SW 9
15	Calm	SE .5	SE .5	ESE 2	Calm	Calm	Calm	Calm	Calm	SW 1.5	Calm	SW 2
16	S 1	NNE .5	WSW .5	SW 4.5	Calm	Calm	Calm	Calm	SW 3	SW 5.5	SW 5	SW 2.5
17	WNW 4	SW 8.5	SW 4	WSW 3	SW 5.5	SW 8	SWbyW 2.5	SSW 2	SSW 1	SSW 2	SW 5.5	SW 8
18	SW 3.5	SSW 3	WSW 4.5	SW 4	S 4	SW 2	SSW 1.5	SSW 1.5	SW 5.5	SW 10	SW 9	WSW 9
19	Calm	NNW 1.5	NNW 1.5	NW 2	NE 2	Calm	SSW 2	Calm	SW .5	SW 5.5	WSW 6.5	SW 4.5
20	SW 1.5	SW 3.5	SSW 2	SSW 1.5	S .5	SSW 1.5	SW 2.5	SW 4.5	SWbyS 6.5	SW 3.5	SW 5.5	SWbyW 8.5
21	W 5	W 2.5	NNE 1	NE .5	Calm	Calm	Calm	Calm	SW 4.5	WSW 3	WSW 7	WSW 5
22	Calm	Calm	NE 1	Calm	Calm	Calm	Calm	Calm	Calm	Calm	WNW 1	W 3
23	NE 1.5	SE 1.5	SE .5	N .5	N 1	NE .5	Calm	Calm	W 2	NW 3	WNW 2	SW .5
24	ENE 1.5	E 1	Calm	Calm	Calm	Calm	Calm	Calm	ESE 1	SE .5	SE .5	SW 1
25	ENE 1.5	ENE 1.5	Calm	NE .5	ESE .5	ESE .5	ESE .5	ESE .5	SE 1	S .5	SSE .5	SE 1
26	NE .5	N .5	N .5	Calm	N .5	NE .5	Calm	Calm	Calm	SW 3.5	Calm	Calm
27	ENE 1	E 2	N .5	N 1.5	NNE .5	NE .5	N 1	ENE 1.5	NbyW .5	Calm	WSW 2	WSW 2.5
28	NE .5	NE .5	Calm	N .5	N .5	NNE .5	NNE .5	Calm	N 1	WSW 2.5	W 1	W .5
29	NE 1.5	NE 1.5	NE 1.5	Calm	NE .5	ENE .5	Calm	Calm	ENE .5	NNW .5	Calm	N 2
30	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	SW 3
31	NE 1	N 2	N 1.5	Calm	Calm	Calm	NE .5	Calm	Calm	W 1	WNW 1	WSW 4
Mean	2.2	2.2	1.8	1.8	1.8	1.8	1.5	1.9	2.6	3.7	4	4.2

Day.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Mid-night.	Mean.
1	SW 1.5	WSW 3.5	SSW 4.5	SSW 4.5	ESE 0.5	Calm	E 0.5	E 0.5	E 0.5	E 0.5	NE 0.5	NNE 0.5	1
2	SW 8	SW 5	SW 4	SW 7	SW 2	WSW 6	SW 6.5	SW 4	SW 3	SW 3	SSW 2	WNW 2	2.5
3	WSW 6	SW 4	SW 5.5	SW 7	SW 7	WSW 4.5	SW 4.5	SW 4.5	SW 5	WSW 5.5	WSW 5.5	WSW 5.5	3.6
4	SW 9	SW 11.5	SW 3	SW 8.5	SW 5.5	SW 10.5	SW 4	SW 2	SW 4	SW 4.5	NE .5	Calm	4.9
5	SW 6.5	SW 8	SW 8.5	SW 9	SW 6	WSW 8	SW 10	SW 5.5	SW 5.5	SW 6.5	SW 4.5	SW 1.5	3.9
6	SW 3.5	WSW 5	WSW 4.5	SW 4	SW 6.5	WSW 6.5	SW 5	SW 4.5	SW 3	SSW 1.5	SSW 1.5	SW 2.5	2.9
7	SW 7.5	SW 7	SW 5.5	SW 6.5	WSW 3.5	W 4	SW 4	WSW 5	WSW 5	WSW 5.5	SSW 3	Calm	3.3
8	SW 7.5	WSW 10	WSW 7	WSW 10.5	WSW 8	WSW 7	WSW 7	SW 5.5	SW 6	SW 6.5	SSW 4.5	SSW 4	4.4
9	SW 11.5	WSW 9	SW 8.5	SW 8	SW 5	SW 11	S 2	SSE 1	WNW 5	WSW 4.5	WSW 6	SW 6.5	6.3
10	SW 5.5	SSW 11.5	SSW 7	SW 5	SW 4.5	SSW 5.5	SW 6.5	SW 5.5	SE 3	S 4.5	S 3	S 2.5	7
11	SW 9	SSW 9	SSW 7.5	SW 10	SW 12	SW 2	SW 9	SSW 6	SSW 5.5	S 3.5	Calm	S 2.5	5.1
12	SW 9.5	SW 9	SW 9.5	SW 8	WSW 8.5	SW 8.5	SW 8.5	SW 8	SW 8.5	SW 8.5	SW 7.5	swbyS 6.5	7
13	SSW 6.5	SW 8	SW 5	SW 6.5	SSW 5.5	SSW 4	SSW 3.5	SSW 3.5	SSW 4.5	SSW 5.5	SW 6	SW 6	6
14	WSW 8	WSW 6	SSW 5	WSW 7.5	WSW 7.5	WSW 4	SW 6	SW 6.5	SW 6	SW 4.5	SSW 2.5	S 1.5	5.2
15	SW 1.5	WSW 3	WSW 6	WSW 5.5	WSW 7.5	WSW 7.5	WSW 5.5	SW 4.5	S 2.5	S 1	Calm	Calm	2.1
16	WSW 4	WSW 6.5	WSW 3	SW 7	SW 6	WSW 5	WSW 4.5	SW 3.5	W 5	WSW 4	WNW 1.5	WNW 2.5	3.1
17	WSW 10	WSW 7.5	WSW 12.5	WNW 5.5	WSW 7.5	WSW 6	WSW 3	WNW 1.5	SW 4.5	WSW 2.5	WSW 4.5	SSW 4.5	5.1
18	SWbyW 9	SW 7	SW 7.5	SW 8	SW 7	SSW 3	WSW 1.5	WSW 7	SSW 2	N 1	NE .5	Calm	4.6
19	SW 3	SW 5	SW 4.5	SW 7	W 3	NNW 3	SW 5	SW 2.5	SW 3	SSW 2.5	S 3	S 2	2.9
20	WSW 4.5	SW 3.5	WSW 7.5	WSW 9	SW 3.5	WSW 3	SW 3.5	SW 4.5	W 2.5	Calm	NE .5	SE 1.5	3.5
21	WSW 5	WSW 3.5	WSW 4.5	SW 6	SW 4.5	WSW 3.5	SW 4	SW 4.5	SW 2.5	SW 1.5	SW 1.5	Calm	2.9
22	W .5	WSW 4.5	W 2.5	WSW 3.5	SW 2.5	SW 2.5	SSW 4.5	SW 2	S 2	NNW 5	NNE 4	Calm	1.6
23	WSW 3	SW 2	WNW 3	WNW 2	Calm	WbyS 2	Calm	SSW 2	SSE 2.5	E 2.5	NNW 2.5	NE 2.5	1.5
24	SW 1	SW .5	WSW 4	SW 3.5	SW 3	SSW 3	SSW 2.5	SSW 3.5	S 2.5	S .5	NE 2	NNE 2	1.4
25	SE .5	NE 1.5	WNW 3.5	WSW 5.5	SSW 3	SW 1	Calm	ENE 2	E .5	ENE .5	NNE 1	NNE 1	1.2
26	WNW 2.5	Calm	Calm	ESE 1.5	ESE .5	ESE 2	ESE .5	ENE 2	NE .5	E .5	Calm	Calm	.7
27	W 1	WNW 2	NNE 6.5	NNW .5	Calm	Calm	N 1.5	N 1	N 1.5	NNE 1	Calm	Calm	1.2
28	WSW 4	WSW 4	NW 4	NE 4	Calm	NE 2	ENE .5	E 1.5	E 1.5	NNE 2	Calm	Calm	1.3
29	NNW 2.5	Calm	Calm	Calm	Calm	Calm	Calm	Calm	SE 2	SE 1.5	SE 2	Calm	.6
30	SW 2	SW 3	SW 3	WSW 4	WSW 4.5	WSW 5.5	WSW 4	SW 3	Calm	Calm	SSW .5	Calm	1.4
31	W .5	WSW .5	NE 6	SE 1	Calm	Calm	Calm	Calm	N .5	N 2	NNE 2	NE 1.5	1
Mean	5	5.2	5.3	5.7	4.3	4.2	3.8	3.5	3.2	3	2.3	1.9	3.2

WIND—VELOCITY IN KILOMETERS PER HOUR.

Day.	Mdt.-1 a.	1-2 a.	2-3 a.	3-4 a.	4-5 a.	5-6 a.	6-7 a.	7-8 a.	8-9 a.	9-10 a.	10-11 a.	11-Noon.
1	3	2	3	2	2.5	2.5	3	3	4	7	5.5	8.5
2	3.5	2	2	3	3.5	3	2	3.5	7	8	8	11.5
3	13	13.5	9.5	13	4.5	2.5	1.5	1	2.5	6	19.5	20.5
4	24.5	19	19	16	18.5	24.5	19	22	16.5	18.5	33	30
5	2.5	3.5	3.5	6	8.5	5.5	4.5	4.5	5	8	12.5	15.5
6	10	6.5	5.5	2	0	2.5	10	16.5	8.5	8	10.5	10.5
7	5	3.5	3.5	3.5	5.5	12	4.5	2.5	6.5	10.5	27	23
8	3.5	3.5	3	4.5	3.5	4	4	4	11	18	28	24
9	12.5	13	13.5	14	12	15	14.5	13	27.5	30	35	33
10	27.5	32	28	24	39	33.5	34	31	37.5	35.5	31	36
11	15.5	12	15	16	11	18	20	8.5	10	21.5	29.5	14
12	16	11.5	12	31.5	24.5	29.5	25	27	15	22	43	35
13	27	33	32	34	28	16	18	12	35	28	42	35
14	30	20	6	2	4.5	8	18.5	15	21	27	39	30
15	4	4	4	6	3	4.5	3.5	3	4.5	6.5	6.5	10
16	3.5	3	5.5	9	11.5	3.5	4	3	10	23	30	18
17	18.5	25.5	20	16	21	26	20.5	17	9.5	14	27	28
18	22	17	11	19	15	10	11	11	12	27	31	28
19	.5	.5	7	5	3	3	3	11	9.5	10.5	32	24
20	5	7.5	12	9	5.5	9.5	12	19	18	17	28.5	24
21	14	12.5	4	4	3	2.5	2	4.5	11.5	12	20	22
22	3	3	4	4	2	3	5	3.5	3.5	6	13	14
23	4	1	5	2.5	3.5	5	3.5	2.5	3.5	7.5	11	9
24	5	.5	.5	0	0	0	1	1	6	7	5	9.5
25	5.5	5	3.5	4	3	5	4	5	5	5	8	6.5
26	2	0	0	1	0	0	.5	.5	4	7	13	8
27	5	1	5	2	4	3	3	7	7	2	6.5	8.5
28	0	.5	0	0	0	1	3	1	2	8	13	13
29	2	.5	2.5	0	1.5	1	.5	4	6	5	2	4
30	0	0	0	.5	0	0	0	0	1	1.5	7	13
31	3	5	4.5	.5	0	0	1	1	0	8	14	14
Mean	9.4	8.4	7.9	8.2	7.8	8.2	8.3	8.3	10.3	13.4	20.4	18.7

AMOUNT OF CLOUDS (0–10).

Day.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	Mean.	Sunshine.
														h. *m.*
1	3	3	8	9	9	7	5	6	9	10	10	7	7.2	6 25
2	6	7	8	7	7	7	7	9	9	8	6	8	7.4	7 50
3	10	10	9	9	10	10	8	8	8	6	5	7	8.3	6 30
4	9	9	8	7	6	5	5	5	6	7	6	10	6.9	6 25
5	10	10	10	10	10	9	8	9	6	4	4	8	8.2	4 55
6	10	10	10	8	9	9	10	10	10	10	10	10	9.7	0 00
7	9	9	7	7	7	7	8	8	8	9	9	6	7.8	7 25
8	5	7	7	8	8	9	9	8	8	6	3	7	7.1	6 45
9	10	10	10	9	8	8	8	9	9	9	10	10	9.2	4 50
10	10	10	10	10	10	10	10	10	10	10	10	10	10	0 00
11	10	10	10	10	10	10	10	10	10	10	10	10	10	0 00
12	10	10	10	10	10	10	10	10	10	10	10	10	10	1 05
13	10	10	10	10	10	10	10	10	10	10	10	10	10	0 00
14	9	10	9	9	9	10	8	7	7	6	9	9	8.5	5 30
15	10	10	9	9	8	8	7	7	7	8	8	9	8.3	6 30
16	9	8	9	7	7	6	7	9	9	9	9	10	8.2	4 30
17	9	6	10	7	7	8	8	8	9	10	10	10	8.5	4 40
18	10	10	10	10	10	7	6	7	7	10	10	10	8.9	4 05
19	7	8	9	9	8	7	8	8	7	9	10	10	8.3	5 10
20	7	6	6	6	6	6	6	7	5	5	7	6	6.1	8 55
21	9	9	8	7	7	6	8	9	9	9	5	5	7.6	5 00
22	3	2	5	2	3	3	3	4	8	7	4	7	4.2	8 40
23	2	2	5	7	8	6	7	7	8	6	4	3	5.4	9 00
24	4	6	8	8	8	7	7	5	6	6	8	9	6.8	10 15
25	10	10	10	9	8	8	6	5	6	8	9	9	8.2	6 45
26	10	8	9	9	9	9	9	9	9	7	7	7	8.5	4 40
27	10	8	9	8	8	7	9	10	10	9	10	9	8.9	3 20
28	9	8	7	5	5	5	5	6	8	10	10	4	6.8	7 00
29	10	10	10	10	10	10	10	10	10	10	10	10	10	0 00
30	6	8	9	5	7	5	4	3	4	4	5	6	5.5	8 45
31	3	2	4	3	3	3	3	6	8	10	10	5	5	8 10
Total														163 05
Mean	8	7.9	8.5	7.9	7.9	7.5	7.4	7.7	8.1	8.1	8	8.1	7.9	5 16

WIND—VELOCITY IN KILOMETERS PER HOUR.

Noon–1 p.	1–2 p.	2–3 p.	3–4 p.	4–5 p.	5–6 p.	6–7 p.	7–8 p.	8–9 p.	9–10 p.	10–11 p.	11–mdt.	Mean.
12.5	17	**19.5**	16	7	5	5	4.5	4.5	3	5	4.5	6.2
18	23	19	**24**	23	**24**	**24**	21	16	14	10	12	11.9
22.5	19	18.5	27	**31**	20	22	22	22	28	25	24.5	16.2
33	30	27	27.5	24	28.5	23	12.5	11	15.5	8	5.5	21.1
24.5	26.5	24.5	29.5	**33**	**33**	**33**	29.5	21.5	**33**	20.5	17	16.9
21	19.5	21.5	19	22	**23**	21	17	12	7.5	8	8.5	12.1
24.5	26.5	**27**	26	21	17	20.5	16.5	15	23	16.5	6.5	14.5
26.5	30.5	29	26	**33**	30	26	27	26	29	19.5	13.5	17.8
37	34	**37**	36	31.5	25.5	25	6.5	16.5	17	23	25	22.8
35	27	21	18	23.5	17.5	26	23	17	13	11.5	11	26.4
31.5	29	34	31	**36.5**	15.5	22	28	16	16	7.5	7.5	19.4
33	35	35	32	35	32	31	33	33	34	28	22	**28.1**
32	28	26	25	24	21	16	12	17	18	28	22	25.4
31	27	26	23	25	20	27	30	23	22	16	7	20.8
14.5	15	15	18	**24**	22	22	20.5	15.5	6	4.5	2.5	10
23	22	21	22	**27**	28	26	20	18.5	15.5	10	7	15.2
31	32	**36**	30	13	33	22	13	14	14	13	27	21.7
35	30	30	**36**	29.5	18.5	19	20	14	8	1	1	19
26	25	28	25.5	25.5	13	18	16	10	12.5	11.5	5.5	13.6
24.5	24	28	25.5	18.5	16	15	17	11	4	2.5	4.5	14.9
18	17	16	19	21	20	18	19	15	11	7	6	12.5
13.5	12.5	12	12	11	14	18	15.5	11.5	6	**21.5**	2.5	8.9
9.5	**11.5**	11	9.5	9	8.5	5	6.5	11.5	6.5	8.5	7	6.8
12	10	14	13.5	14	15	**16**	13	12.5	7	5.5	7	7.3
6.5	4.5	13	**16.5**	16	9	5	6	1.5	2.5	3	3	6.1
13	9	7	8	11	12	10	10	5	4	1	2	5.3
11	**13**	7	2	1	.5	0	.5	1	1	.5	0	3.8
13	12.5	**13**	10	5	5	2.5	3	3	3.5	1.5	0	4.7
8	2.5	0	0	0	.5	0	0	2	4	4	2	**2.2**
11.5	13.5	14	16	**20**	19	15	15	5.5	1.5	3	4	6.7
13.5	10.5	10	10.5	4.5	5	4.5	3.5	2.5	5	10	6.5	5.7
21.5	20.5	20.6	20.5	20	17.8	17.3	15.5	13	12.4	10.8	8.8	13.7

FREQUENCY OF THE WIND.

Day.	N.	NNE.	NE.	ENE.	E.	ESE.	SE.	SSE.	S.	SSW.	SW.	WSW.	W.	WNW.	NW.	NNW.	Calm.	Total wind velocity.	Atmidometer.	Rainfall.
																		Kms.	*mm.*	*mm.*
1		1	3	1	4	1				2	1	4					7	149.5	2.3	2.6
2										2	9	4		1			8	285	3.8	
3			2						1		9	5	2	1		1	3	388.5	3.3	22.5
4			1							1	13	7			1		1	506	3.1	6.2
5				1	1		2		2	1	13	1					3	405	2.7	11.1
6			2							2	9	3		2	2	2	2	290.5	2.6	.3
7									1	1	9	6	1				6	347	4	.1
8						2	3			3	7	7					2	427	5.6	
9								1	1	7	11	3		1				547	3	16.5
10							1		3	5	15							632.5	.7	24.2
11									4	13	5						2	465.5	.9	26.2
12										6	16	2						675	4.4	4.1
13								1		10	12	1						609	1.4	22.6
14								1	1	5	9	5	1				2	498	2.2	3.5
15						1	2		2		4	6					9	239	3.5	12.2
16		1							1		8	7	1	2			4	364	3.5	32.7
17										4	7	10		3				521	2.3	8.4
18	1		1						1	5	10	5					1	456	2.8	15
19			1						2	2	10	1	1		1	3	3	325.5	2.6	14.4
20			1				1		1	3	11	5	1				1	357.5	4.1	5.8
21		1	1								8	7	2				5	299	3.2	.3
22		1	1						1	1	3	2	3	1		1	10	214	3.2	43.7
23	2		3		1		2	1		1	2	1	2	3	1	1	4	162	3.4	
24		1	1	1	1	1	2		2	3	5	1					6	175	4.1	
25		1	2	5	1	4	3	1	1	1	1	1		1			2	146	3.3	
26	3		3	1	1	4					1			1			10	128	3.2	
27	7	3	1	2	1							2	1	1		1	5	91.5	1.9	4.3
28	3	3	4	1	2							3	2		1		5	113.5	2.6	1
29	1		4	2			3									2	12	52	.6	4.1
30										1	5	4					14	161	3.7	
31	4	1	4				1					2	2	1			9	137	2.8	.5
Total	21	13	35	14	12	13	20	5	24	79	213	105	19	18	6	11	136	10,167.5	90.8	282.3
Mean	0.7	0.4	1.1	0.5	0.4	0.4	0.6	0.2	0.8	2.5	6.9	3.4	0.6	0.6	0.2	0.4	4.4	328	2.9	9.1

EXTREME VALUES.

Day.	Maxima.						Minima.					
	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.
	mm.		*°C.*		*Per cent.*	*mm.*	*mm.*		*°C.*		*Per cent.*	*mm.*
1	758.95	10.30p.	32.8	2.25p.	97	24.5	756.50	2.05p.	24.3	4.05a.	68	21.9
2	59.10	11.00p.	31.9	2.45p.	96	23.9	56.45	4.15p.	24.5	5.50a.	71	22.2
3	59.40	11.10p.	31	10.05a.	98	24.1	56.90	3.20p.	25.2	5.45a.	72	21.4
4	59.84	8.00a.	30.9	11.20a.	93	24.1	57.45	3.55p.	25.1	4.50a.	74	21.9
5	59.50	10.20p.	31.4	2.05p.	97	23.4	56.72	4.00p.	24.2	5.55a.	70	21.6
6	59.05	10.10p.	29.4	0.20p.	99	23.1	56.75	4.25p.	23.9	4.45a.	77	21.9
7	59.35	10.05p.	31.9	1.40p.	99	23.3	57.10	3.05p.	23.8	3.55a.	67	20.8
8	59.49	9.00a.	31.8	1.45p.	97	22.6	56.90	4.15p.	23.8	5.20a.	64	20.9
9	58.25	0.05a.	31.8	1.20p.	94	24.1	55.35	4.10p.	25.1	9.35p.	69	22.2
10	56.55	0.05a.	30.1	0.30p.	92	23.9	53.45	4.15p.	25	2.10p.	74	22.3
11	55	10.55p.	30.6	0.40p.	93	24.1	**52.70**	3.45p.	25	4.50a.	78	22.2
12	**54.75**	9.05a.	31.3	2.45p.	89	24.3	52.90	3.50a.	**25.9**	3.15a.	72	22.8
13	57.50	11.30p.	30	10.40a.	93	**24.7**	53.45	2.50a.	25.5	10.35p.	**81**	**23**
14	60.15	10.30p.	30.6	1.50p.	95	23.5	55.95	3.25a.	24.5	4.35a	72	21.9
15	60.35	11.05p.	31.5	2.10p.	99	23.8	57.75	4.30p.	23.3	5.05a.	69	21
16	59.85	0.05a.	30.6	1.45p.	97	23.8	**57**	5.35p.	24.7	3.35a.	73	21.7
17	58.95	0.20a.	30.9	0.55p.	96	23.7	56.60	4.30p.	24.2	1.05a.	68	21.3
18	59.30	10.30p.	31.3	2.05p.	99	23.1	56.10	3.10p.	23	midnight	70	20.5
19	58.60	10.25p.	31.8	0.40p.	99	24	56.35	3.50p.	23.1	0.05a.	71	20.9
20	58.95	9.25p.	31.3	2.10p.	94	23.4	56.75	4.00p.	24.8	0.40a.	70	21.6
21	60.50	11.00p.	31.6	1.40p.	96	23.7	57.70	3.50p.	23.9	5.40a.	71.5	21.5
22	**61.75**	10.50p.	32.3	2.30p.	**100**	23.2	57.35	2.40p.	**22**	11.15p.	63	20
23	60.60	0.05a.	32	2.40p.	**100**	23.2	56.20	4.20p.	22.2	0.05a.	63	**19.8**
24	59.25	9.35p.	32.5	3.30p.	98	23.9	55.84	3.00p.	23.2	5.35a.	65	20.7
25	60.70	11.25p.	**33.5**	2.05p.	95	23.8	56.25	3.20p.	24.3	5.50a.	**57.5**	20.8
26	60.35	0.05a.	32.1	3.40p.	96	23.4	57.42	4.00p.	23.6	5.45a.	62	20.4
27	59.70	0.05a.	32.2	1.05p.	97	23.9	56.86	4.00p.	23.2	5.20a.	66	20.1
28	59.37	9.00a.	32.3	2.50p.	97	22.7	56.15	5.25p.	22.9	5.35a.	59	20.1
29	59.50	9.40p.	**27.8**	3.50p.	97	**22.3**	56.50	4.05p.	23	3.35a.	**81**	20.8
30	60	10.20p.	31.4	3.55p.	97	22.8	57.10	3.25p.	23	5.55a.	65	20.4
31	60.45	10.25p.	33	2.50p.	97	23.3	**57.90**	2.15p.	24.2	5.50a.	63	21.2
Mean	759.20	-------	31.4	-------	96.3	23.6	756.27	-------	24	-------	69.2	21.3

DAILY GENERAL REMARKS.

1---●° 10.52 a. m.; ◹° NE quadrant, d° in the afternoon.
2---●° in the early morning; ⊕° in the afternoon.
3---● in the morning; somewhat gusty SWly winds in the afternoon.
4---● early in the morning; gusty SW winds in the afternoon.
5---● in the early morning and at night; gusty SW winds in the afternoon and evening.
6---● early in the morning.
7---⊕ in the morning; p° in the afternoon.
8---⊕ in the morning; ⊕°, gusty WSW winds in the afternoon; ◡° in the evening.
9---Gusty SWly winds at intervals with ● in the evening and at night.
10---Somewhat squally and rainy weather; ⊤° NE in the afternoon.
11---Somewhat rainy and squally weather; ◹ S quadrant, ◹° NNE in the evening.
12---Gusty SWly winds at intervals with ● in the early morning and afternoon.
13---Gusty SWly winds at intervals with ● in the morning and afternoon; ⊤° E 3.33 p. m.
14---Gusty SWly winds at intervals with ●° in the morning and at night.
15---Somewhat gusty WSW winds in the afternoon.
16---● in the early morning; d in the morning and at night.
17---Gusty SWly winds at intervals with ● in the early morning and at night.
18---As yesterday.
19---●° in the morning; ● at night.
20---Somewhat gusty SWly winds in the afternoon.
21---● in the early morning; d 8.05 a. m.
22---◠ in the afternoon; ◺° N in the evening; heavy thundershowers in the evening.
23---⊕° in the forenoon; ⊕ in the afternoon; ◸° E, d° at night.
24---Convergence of Ci. toward NE in the morning and afternoon; ◺ NE in the evening.
25---Coloration of upper clouds at sunrise; slight convergence of Ci. toward NNE, ◸ S, d° in the afternoon; ◸ E quadrant in the evening.
26---Convergence of Ci. toward W early in the morning; intense coloration of Ci. at sunset.
27---⊕ in the morning; ◸ N, ⊤° S, ● in the afternoon.
28---◸ N and SE, d in the afternoon; ◺° N in the evening.
29---● in the morning; d° in the afternoon.
30---Coloration of upper clouds at sunrise.
31---◸ SSE and NE quadrant, d, ◠ in the afternoon; ◺ NW in the evening.

OBSERVATIONS FOR SEPTEMBER, 1916.

ATMOSPHERIC PRESSURE, 700mm+.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	59.10	58.90	59.10	59.10	59.45	59.73	60.25	60.47	**60.74**	60.70	60.38	59.90
2	58.50	58.55	58.50	58.25	58.05	58.33	58.69	**58.86**	58.49	58.28	57.79	57.30
3	**56.25**	55.60	55.35	55.50	55.85	55.78	55.85	56.17	**56.25**	56.07	55.82	55.49
4	54.65	54.10	54.10	54.30	54.30	54.26	54.21	54.39	54.47	54.94	55.06	54.85
5	56.60	56.35	56	55.85	56.20	56.29	56.61	57.11	57.52	57.24	57.15	56.56
6	57.45	57.30	57	57	57.05	57.27	57.61	58.03	58.32	58.53	58.03	57.57
7	57.90	57.50	57.30	57.05	57.45	57.66	58.51	58.83	59.15	58.88	58.59	58.13
8	58.50	58.20	57.85	57.75	57.85	58.26	58.85	59.28	**59.36**	59.10	59	58.64
9	58.15	57.95	57.25	57.20	57.40	57.98	58.21	58.57	58.76	58.65	58.29	57.78
10	57.60	57.60	57.30	57.15	57.30	57.89	58.32	58.85	**58.92**	58.75	58.44	58.19
11	57.75	57.60	57.50	57.45	57.65	58.02	58.44	58.81	58.81	58.88	58.53	57.99
12	59.70	59.45	59.20	59.15	59.30	59.64	59.98	60.59	**60.63**	60.49	60.49	59.89
13	**59.05**	58.85	58.65	58.45	58.50	58.45	58.82	**59.05**	**59.05**	58.73	58.67	58.03
14	57.50	57.15	56.80	56.90	57.05	57.34	57.47	57.80	**58.05**	57.50	57.13	56.70
15	56.15	55.70	55.50	**55.20**	55.60	55.85	56.40	56.64	56.85	57.01	57.24	56.71
16	57.60	57.10	56.65	56.85	57.05	57.59	58.14	58.36	58.39	58.40	58.11	57.47
17	58.45	58.05	57.65	57.75	57.80	57.79	57.99	57.19	57.32	57.36	57.30	57.19
18	**57.90**	57.10	56.35	56.30	55.95	56.36	56.74	57.15	57.41	57.51	57.32	56.84
19	57.30	56.70	56.50	56.10	55.90	56.20	56.63	57.09	57.55	57.49	57.12	56.94
20	57.70	57.25	56.90	56.85	57	57.34	57.50	57.84	**58.02**	57.80	57.61	57.34
21	56.95	56.65	56.35	56.05	56	56.10	56.74	56.97	**57**	56.97	56.69	56.16
22	55.90	55.25	54.90	55	55.15	55.17	55.41	55.84	**55.98**	55.68	55.21	54.73
23	54.35	54	53.40	53.05	53.55	53.76	54.21	54.72	**54.82**	54.59	54.02	53.59
24	52.45	51.95	51.40	51.25	51.25	51.47	52.15	52.73	**53**	52.62	52.34	51.89
25	51.70	51.60	51.40	51.45	51.65	52.21	53.10	53.58	53.62	53.56	53.25	52.70
26	54	53.70	**53.40**	53.50	53.95	54.19	55.29	55.79	55.79	56.02	55.99	55.67
27	57.20	56.30	56.35	56.30	56.70	57.40	57.60	58.20	**58.57**	58.34	58.05	57.60
28	56.65	56.15	**55.85**	55.90	56.15	56.46	56.86	57.24	57.46	57.57	57.30	56.85
29	56.70	56.40	56.05	55.85	55.65	56.08	56.63	57.02	57.05	56.79	56.47	56.12
30	56.95	56.70	56.55	56.30	56.35	56.46	56.96	57.39	57.59	57.79	57.55	56.99
Mean	56.89	56.52	56.24	56.16	56.30	56.58	57.01	57.35	57.50	57.41	57.16	56.73

TEMPERATURE (°C.).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	23.9	**23.7**	23.8	23.8	23.8	23.8	24.9	26	26.6	28.2	**30.3**	28.3
2	24.1	24.2	24.2	24	23.7	**23.3**	24.1	25.9	28	29.1	**30.2**	30
3	24.9	**24.8**	25	25.2	25	**24.8**	25.3	26.5	27.5	28.9	29.7	**30.3**
4	25.4	25.2	25.8	25.1	25.6	25.7	25.8	26.5	28.1	**28.2**	27.4	26.9
5	24.2	24.4	24.1	23.6	**23.5**	23.6	24.1	25	25.2	26.1	26.8	27.9
6	24.3	24.1	24	23.9	23.5	**23.4**	25.1	28.3	30	30.9	31.4	31.2
7	25.2	24.8	24.5	24.1	**23.7**	**23.7**	26.6	28.6	30.1	29.7	30.5	30.7
8	23.9	23.6	23.4	23.3	23.3	**23**	24.8	27.2	27.6	29.3	29.6	29.8
9	23.3	23.1	23	22.7	22.6	**22.5**	24.9	26.3	28.9	29.2	29.3	30.4
10	24.5	24.1	23.9	23.7	23.5	**23.4**	24.2	25	25.7	26.7	26.8	28.2
11	24.1	23.9	**23.7**	23.8	24	24	24.9	26.7	28.3	29.3	29.8	30.5
12	24.2	24.5	24.4	24	**23.9**	**23.9**	24.6	26.5	28.1	28.8	29.8	**30**
13	24.2	23.9	23.5	23.4	23.2	**23.1**	24.4	27	29	28.8	**29.5**	29.3
14	24.2	24	23.6	**23.4**	23.5	23.5	23.6	23.5	23.5	24	24.8	26.7
15	23.6	23.5	23.5	23.6	23.6	**23.4**	24.1	26	27.2	28.1	28.2	**29.6**
16	23.7	23.6	23.3	**23.2**	**23.2**	23.5	24.3	26.1	27	28.9	30.2	**31**
17	23.7	**23.6**	**23.6**	23.9	24.7	24.3	24.5	24.6	25.1	25.8	28	28.9
18	23.6	23.2	23.1	22.7	22.7	**22.6**	24.9	26.9	28.5	29	28.8	29.1
19	25.3	24.6	24.5	24.5	24.1	**24**	26.3	27.6	29.1	29.9	**30.6**	29.6
20	25	24.7	24.7	24.4	24.3	**24.2**	25.8	27.8	29.2	29.5	30.3	30.1
21	25.3	25	24.8	24.5	24.4	24.2	25	27.9	29	30.1	30.5	30.5
22	24.1	24	**23.8**	23.9	23.9	**23.8**	26.2	28.8	29.9	29.8	30.7	30.9
23	25.3	24.9	24.8	24.7	24.7	**24.6**	25.4	25.8	26	28.8	28.8	26.6
24	25	24.8	24.8	24.8	25	24.7	24.8	**24.6**	25.6	26.9	27.4	**27.8**
25	24.9	24.5	25.2	25	25.3	25.3	25.7	24.6	25.9	27.7	28.8	28.5
26	24.6	24.4	23.8	24.3	24	24.1	24.6	26.5	**26.7**	**26.7**	25.8	25.2
27	23.2	**23.1**	23.6	23.4	24.1	24.1	24.2	24.4	25.2	26.3	27	27
28	24.1	23.8	23.9	**23.6**	**23.6**	23.8	24.1	26.2	**27.3**	27.1	26.3	27.1
29	23.5	23.5	23.5	**23.4**	23.5	23.6	24.1	24.9	26.1	**28.3**	27.2	26
30	23.8	23.2	22.9	22.5	**22.4**	22.5	25	27.2	29.3	30.2	30.5	31.2
Mean	24.3	24.1	24	23.9	23.9	**23.8**	24.9	26.3	27.5	28.3	28.8	29

ATMOSPHERIC PRESSURE, 700mm+.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
58.75	58.40	57.97	**57.83**	58.06	59.24	59.34	59.60	59.75	59.95	59.95	59.55	**59.43**
56.68	56.24	56.22	**55.86**	56.14	56.31	56.75	57.05	57.05	57.10	56.95	56.80	57.45
54.58	54.11	53.92	**53.76**	53.97	54.56	54.25	54.80	55.15	55.95	56	55.20	55.26
54.76	53.94	53.64	**53.60**	53.76	54.41	55.11	56.05	56.90	**57.05**	56.80	56.65	54.85
56.25	55.93	55.67	**55.64**	55.82	56.25	56.57	56.95	57.45	57.65	**57.90**	57.40	56.62
56.58	56.32	**56.09**	56.29	56.33	57.37	58.07	58.35	58.55	**59**	58.75	58.55	57.56
57.10	56.43	**56.23**	56.55	57.32	57.27	57.90	58.75	59.50	**60.20**	60.10	59.15	58.06
57.88	57.29	**57.17**	57.33	57.67	57.87	58.42	58.90	59.10	59.05	58.80	58.45	58.36
56.73	56.13	**55.75**	56.01	57.02	57.67	58.18	58.70	**59.15**	59.10	58.45	57.80	57.79
57.35	56.55	56.35	56.54	**56.30**	57.04	57.50	57.95	58.55	58.65	58.60	58.15	57.74
57.26	56.49	**56.27**	56.69	57.60	57.78	58.48	59.20	59.70	**60.25**	60	**60.25**	58.22
59.32	58.69	58.27	58.33	58.17	**58.12**	58.33	59.05	59.35	59.80	59.85	59.60	59.39
57.55	57.37	57.08	**56.92**	57.05	57.32	57.54	57.85	58.15	58.85	58.85	58.15	58.21
55.92	55.21	**54.81**	55.50	55.61	55.66	55.97	56.40	56.65	56.90	56.75	56.60	56.64
56.07	56.10	56.03	56.14	56.57	56.79	57.36	57.80	57.95	58.20	**58.30**	57.90	56.67
57.18	56.53	56.39	**56.33**	57.10	57.45	57.90	58.75	58.95	**59.30**	58.90	58.85	57.72
56.69	56.33	56.07	**55.92**	56.31	56.78	57.30	57.70	58.45	**58.55**	57.95	57.90	57.41
56.31	55.72	55.47	**55.38**	55.75	56.07	56.59	56.80	57.25	57.50	57.70	57.70	56.72
56.18	55.73	**55.68**	55.96	56.10	56.52	56.92	57.45	57.90	58.20	**58.30**	58.05	56.85
56.69	56.26	55.91	**55.75**	56.01	56.50	57.32	57.70	57.95	57.95	57.65	57.10	57.16
55.53	54.76	**54.31**	54.42	54.80	55.68	56.32	56.85	56.90	56.80	56.70	56.40	56.17
53.52	**52.77**	52.93	53.72	53.72	54.23	54.75	55.50	55.45	55.30	54.90	54.70	54.82
52.45	52.07	**51.79**	52.03	52.25	52.59	53.11	53.30	53.50	53.50	53.30	52.95	53.37
51.46	**51.04**	51.09	**51.04**	51.20	51.57	52.03	52.60	52.60	52.65	52.45	52.10	**51.93**
52.15	**51.99**	52.02	52.24	52.63	53.48	53.75	53.70	54.35	54.45	**54.80**	54.50	52.91
55.46	54.74	54.42	54.68	54.67	55.08	56.45	56.55	58.05	**58.10**	57.90	57.60	55.46
56.87	56.34	**56.21**	56.36	56.36	56.24	56.39	**57**	57.35	57.80	57.70	57.40	57.11
56.70	56.49	55.97	56.09	56	56.52	56.67	57.20	57.60	**57.70**	57.50	57.25	56.76
55.52	55.39	55.31	**55.25**	55.40	55.89	56.39	56.65	57.20	57.35	**57.50**	57.20	56.33
56.53	56.17	**56.12**	56.71	57.22	57.43	57.87	58.85	59.10	**59.40**	59.15	58.95	57.38
56.07	55.58	**55.37**	55.50	55.76	56.19	56.65	57.13	57.52	**57.74**	57.62	57.30	56.68

TEMPERATURE (°C.).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
28.3	29.1	30.1	**30.3**	30	24.8	24.7	24.6	24.4	24.3	24.2	24.2	26.1
30.1	29.7	30.1	29.5	28.2	27.5	27.3	27.4	27.5	26.4	26	25.2	26.9
30.2	30	29.3	28.9	28.1	27.9	27.7	27.2	27.4	25.6	25.7	25.3	27.1
25.6	26	25.1	25.7	26	26.1	25.4	24.6	24.2	24.1	**23.8**	24.3	25.7
29.1	**29.4**	29.1	**29.4**	28.4	27.1	26.4	25.4	25.3	25	24.7	24.5	25.9
32.1	30.5	28	27.9	27.6	27	26.5	25.8	25.5	25.6	26.1	25.6	27
31.4	**32.6**	30.5	29	24.4	24.7	24.5	24.9	24.2	24.1	24.7	24.5	26.7
30.1	30.6	24.5	25.3	25.3	25.2	25	24.9	24.7	24.4	23.9	23.7	25.7
30.5	**31.5**	31.2	30.5	25.8	24.7	24.6	24.3	24.2	24.2	24.2	24.1	26.1
29.6	**29.8**	28.4	28.3	27.9	26.7	26.1	25.5	25.1	24.9	24.7	24.4	25.9
30.7	**31.1**	30.8	27.3	25.7	25.1	25.1	24.9	25	24.6	24.4	24.4	26.3
29.6	29.9	28.6	28.3	28.1	27	25.8	25.5	25.3	25	24.9	24.4	26.5
29.4	25.6	26.5	26.8	26.8	26	25.4	25.2	25.1	24.9	25	24.5	25.9
27.7	**28.4**	27.2	25.7	24	23.9	24.1	23.5	23.8	23.9	23.7	23.7	**24.5**
29.3	26.5	26.3	25.7	23.8	23.6	23.6	23.7	23.8	23.8	23.8	23.8	25.1
29.4	28.4	28.6	27.6	26.7	24.3	24.2	24.3	24.1	23.8	23.9	23.8	25.7
29.5	29.4	**29.5**	29	27.7	26.8	26.6	26.2	24.2	23.8	**23.6**	**23.6**	25.9
30	**30.2**	28.5	29.5	29.1	27.8	27.8	27.5	27.1	27	26.9	26.2	26.8
30.1	29.8	30.3	28.4	28.2	27.9	27.5	27.2	27	25.7	25.8	25.2	27.2
30.3	**31**	30.6	30.8	29.8	28.3	28.2	28.1	28	27.5	27.1	25.9	**27.7**
30.9	31.5	**31.7**	31.3	29.3	27.9	24.6	24.3	24.3	24.3	24.5	**24**	27.1
30.4	**31**	26.5	25.6	24.9	24.6	24.5	24.5	24.6	24.7	24.6	25.3	26.3
27.5	**29**	28.5	26.8	26.7	26	25.9	25.2	25.1	25.1	25	25	26.1
26.9	26.2	26.8	26.6	26.5	25.5	25	24.9	24.8	24.9	24.9	25.1	25.6
29	27	26.8	26	25	24.9	24.5	24.7	24.6	**24.4**	24.7	25.8	25.8
25.4	24.5	25	25.1	25	24.5	23.9	23.9	23.6	23.8	23.8	**23.4**	24.7
27.7	**28.1**	27.4	24.1	24.8	24.8	24.4	24.4	25.6	24.9	24.3	24.3	25
25.4	24.8	25	25.2	24.7	24.2	24.2	24.1	24.1	24	23.9	23.7	24.8
25.8	26	25	25.6	25	24.1	24.2	24	23.9	23.8	23.7	23.8	24.7
30.9	**31.3**	30.6	26.1	26.1	25.8	25.4	25.2	24.9	24.7	24.5	24.2	26.3
29.1	29	28.2	27.5	26.7	25.8	25.4	25.2	25	24.8	24.7	24.5	26

RELATIVE HUMIDITY (%).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	97	97	96	96	96	96	90	87	85	79.5	73	81
2	97	96	94	95	96	97	97	88	79	74	71	69
3	95	96	94	92.5	95	95	92	90	87	80	76	73
4	92	93	90	92	93	89	90	87	80	80	83	85
5	94	94	96	97	97	97	96	90	92.5	91	86	79
6	97	97	97	96	98	98	93	82	71	67	69	68
7	93	95	96	97	98	97	84	77	73	72	69	69
8	95	97	97	97	97	98	92	85	84	78	77	74
9	98	97	97	97	97	97	87	83	73	71	70	68
10	93	96	97	97	97	97	94	93	89	83	86	79.5
11	98	98	98	97	97	96	96	90	80	75	73	70
12	98	96	96	98	98	97	96	86	77	73	69	68
13	96	95	96	95	97	97	91	78	71	76	73	72
14	97	95	96	97	97	96	96	96	97	96	93	82
15	98	97	97	97	97	97	94	85	82	77	77	73
16	97	97	98	97	98	97	94	84	84	76	69.5	66
17	97	98	98	95	91	96	95	93	90	88	82	76
18	96	97	97	99	99	98	89	80	77.5	75	75	74
19	93	97	97	97	97	97	83	77	73	71	72	76
20	96	97	97	97	97	97	90	82	76	75	70	71
21	96	95	95	97	95	96	93	81	76	72	72	74
22	97	97	97	97	97	97	87	78	74	75	74	73
23	93	95	95	96	95	95	93	93	95	82	83	92
24	94	95	96	94	95	96	95	95	94	89	84	82
25	90	94	90	90	91	89	86	95	92	84	78	77
26	93	93	95	94	96	97	96	89	85	83	88	91
27	97	97	93	97	92	92	92	95	92.5	89	79	78
28	97	97	97	98	99	98	98	89	80	85	90	81
29	98	99	99	99	98	97	94	89	85	76	82	87
30	96	98	98	99	99	99	90	82	75	69	68	64
Mean	95.6	96.2	96	96.2	96.3	96.2	92.1	86.6	82.3	78.7	77	75.8

VAPOR PRESSURE (mm).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	21.5	21.2	20.9	20.9	20.9	20.9	21	21.7	21.9	22.5	23.3	23.2
2	21.5	21.5	21.1	21	20.8	20.7	21.5	21.8	22.3	22	22.5	21.8
3	22.2	22.3	22.1	22	22.4	22.1	21.9	23	23.6	23.6	23.5	23.3
4	22.1	22.2	22.3	21.9	22.5	21.9	22.3	22.4	22.6	22.8	22.5	22.4
5	21.1	21.3	21.4	21.1	21	21.1	21.4	21.2	22	22.9	22.4	22.2
6	22	21.5	21.4	21.1	21.1	21	22.1	23.3	22.5	22.4	23.5	23
7	22.2	22.1	21.9	21.7	21.4	21.2	21.8	22.3	23	22.3	22.4	22.5
8	20.9	20.9	20.8	20.7	20.7	20.5	21.5	22.8	22.9	23.5	23.8	23.1
9	20.9	20.3	20.2	20	19.8	19.7	20.5	21.2	21.5	21.4	21.3	22
10	21.3	21.4	21.3	21	20.7	20.6	21.1	22	21.9	21.7	22.4	22.5
11	21.9	21.6	21.4	21.3	21.4	21.2	22.4	23.5	22.9	22.7	22.6	22.6
12	22.1	21.9	21.7	21.8	21.6	21.5	22	22.2	21.8	21.6	21.6	21.4
13	21.5	20.9	20.6	20.3	20.4	20.5	20.8	20.7	21.2	22.4	22.4	21.9
14	21.7	21	20.7	20.8	20.7	20.6	20.7	20.6	20.7	21.2	21.7	21.3
15	21.3	21	21	20.9	20.9	20.6	21	21.3	21.9	21.8	22	22.5
16	21	21.1	20.9	20.6	20.8	21	21.2	21.1	22.3	22.5	22.1	22.1
17	21.2	21.3	21.3	20.9	21	21.6	21.7	21.4	21.3	21.9	22.9	22.5
18	20.7	20.6	20.3	20.3	20.3	20	20.9	21.2	22.4	22.3	22	22.2
19	22.3	22.2	22	22	21.7	21.6	21.2	21.1	21.8	22.2	23.4	23.3
20	22.5	22.3	22.3	22.1	22	21.8	22.3	22.8	22.8	22.8	22.3	22.6
21	23	22.4	22.1	22	21.6	21.5	22	22.6	22.7	22.9	23.2	23.9
22	21.7	21.6	21.3	21.3	21.3	21.3	22	23	23.2	23.2	24.2	24.2
23	22.3	22.2	22.1	22.2	21.9	21.8	22.5	23.1	23.8	24.1	24.3	23.8
24	22.1	22.1	22.3	21.9	22.4	22.2	22.1	21.8	22.9	23.4	22.6	22.6
25	21	21.5	21.4	21.2	21.8	21.4	21.1	21.8	22.8	23.3	22.8	22.2
26	21.4	21.2	20.8	21.2	21.2	21.5	22	22.8	22.1	21.5	21.6	21.6
27	20.6	20.5	22.1	20.6	20.6	20.6	20.7	21.6	22	22.5	20.9	20.7
28	21.5	21.3	21.5	21.3	21.4	21.5	21.9	22.4	21.5	22.7	22.8	21.6
29	21.1	21.3	21.3	21.2	21.1	21.1	21	20.9	21.4	21.7	21.9	21.7
30	20.9	20.8	20.4	20.1	20	20.1	21.2	21.9	22.7	22	22.2	21.8
Mean	21.6	21.4	21.4	21.2	21.2	21.1	21.5	22	22.3	22.5	22.6	22.4

RELATIVE HUMIDITY (%).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
79	74	68	67	69	91	92	94	94	95	96	97	87.1
71	72	69	73	79.5	81	83	81	81	90	90	94	84.1
75	75	77	74	79	79	81.5	85	83	93	90	93	85.4
92	89	94	91	89	89	94	97	96	96	97	95	90.5
77	76	78	79	83	87	87	95	93	96	97	97	89.8
65	70	84	83	81	84	88	89	92	93	89	91	85.1
65	61	66.5	78	87	93	94	92	96	95	92	91.5	84.6
73	68	92	92	92	94	95	95	92	93	97	97	89.6
68	66	65	69	90	95	94	96	97	97	96	96	86
74	76	82.5	82	84.5	90	93	92	96	97	96	97	90.1
70.5	67	70	86	94	97	97	98	98	98	99	99	89.2
69	65	76	76	77	82	88	92	93	93	94	96	85.5
74	93	90	89	90	95	98	98	96	97	95	97	89.5
75	73	79	88	96	97	97	98	97	97	97	98	92.9
72	85	84	88	98	98	98	98	97	98	97	96	90.8
75	80	82	86	86	97	97	97	97	99	98	99	89.6
72	74.5	71	71	76	81	84	86	93	96	97	97	87.4
70	68	77	73	74	79	76.5	78	82	83	82	87	82.8
73	75	74	82	81	81	83	84	84	93	93	96	84.5
75.5	74	74	73	77	82	83	82	81	84	85	94	83.7
73	73	68.5	71	74	79	96	97	96	96	94	98	85.7
76	75	89	94	96	97	97	97	97	97	97	93	89.5
89	81	80	86	87	91	91	95	95	95	95	96	91.2
86	92	86	86	86	91	92	92	92	92	91	88	91
71	81	82	86	93	92	94	93	93	94	92	85	88
87	90	91	92	92	94	97	98	97	96	96	97	92.8
76	74	79	97	93	92	96	96	90	94	97	96	90.6
92	94	92	89	92	93	94	96	96	96	96	97	93.2
90	89	93	88	92	97	97	97	97	96	96	95	92.9
71	69.5	73	92	94	95	97	98	98	97	97	97	88.1
75.9	76.7	79.6	82.7	86.1	89.8	91.8	92.9	93	94.5	94.3	95	88.4

VAPOR PRESSURE (mm).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
22.5	22.2	21.6	21.5	21.7	21.1	21.4	21.6	21.3	21.4	21.5	21.7	21.6
22.6	22.3	22	22.4	22.5	22	22.3	22.1	22.2	23.1	22.5	22.4	22
23.8	23.5	23.4	21.9	22.4	21.9	22.4	22.8	22.5	22.8	22.1	22.3	22.7
22.4	22.3	22.3	22.3	22.3	22.2	22.7	22.2	21.5	21.4	21.2	21.4	22.2
23.1	23.3	23.5	23.9	23.9	23.1	22.3	22.9	22.3	22.5	22.3	22	22.3
23.1	22.8	23.5	23.2	22.1	22.3	22.6	22	22.2	22.5	22.2	22.1	22.3
22.2	22.3	21.5	23.1	19.8	21.5	21.5	21.4	21.5	21.1	21.4	20.9	21.8
23	22.1	21.1	21.9	21.9	22.4	22.4	22.2	21.2	21.2	21.3	21.2	21.8
22.2	22.9	21.9	22.4	22.3	21.9	21.6	21.6	21.7	21.7	21.5	21.4	21.3
22.8	23.6	23.7	23.3	23.6	23.5	23.3	22.2	22.7	22.6	22.2	22.1	22.2
23.1	22.7	23	23.1	23.1	22.9	22.9	23	22.9	22.6	22.5	22.5	22.5
21.1	20.5	22.1	21.7	21.6	21.7	21.9	22.2	22.3	22	22	21.7	21.8
22.5	22.8	23	23.3	23.4	23.8	23.5	23.2	22.7	22.6	22.4	22	22
20.7	21	21.2	21.5	21.2	21.3	21.5	21.1	21.2	21.3	21.2	21.4	21.1
21.7	21.8	21.3	21.7	21.5	21.3	21.3	21.4	21.3	21.5	21.2	20.9	21.4
22.9	23.1	23.8	23.6	22.5	21.8	21.7	22	21.5	21.7	21.6	21.7	21.9
22	22.6	21.7	21.1	21.1	21.2	21.8	21.8	20.9	20.9	20.9	20.9	21.5
22.1	21.6	22.2	22.4	22.2	21.8	21.2	21.2	21.8	21.9	21.6	22	21.5
23	23.2	23.8	23.5	23	22.6	22.6	22.6	22.3	22.7	22.8	22.8	22.5
24.2	24.6	24.3	24.1	23.9	23.6	23.6	23	22.7	23	22.7	23.4	23
24.2	25.2	23.7	24	22.5	21.9	22	21.8	21.6	21.6	21.5	21.8	22.6
24.6	25.1	22.8	22.9	22.4	22.4	22.3	22.3	22.4	22.5	22.2	22.3	22.6
24.2	24	23	22.4	22.7	22.7	22.6	22.6	22.5	22.5	22.4	22.5	22.8
22.8	23.2	22.4	22.2	22.2	22	21.7	21.6	21.5	21.4	21.2	20.9	22.1
21.2	21.5	21.4	21.5	22	21.4	21.5	21.5	21.4	21.3	21.4	21.1	21.6
20.9	20.5	21.3	21.9	21.6	21.5	21.5	21.6	20.9	20.9	20.9	20.8	21.4
21.1	21	21.4	21.5	21.7	21.5	21.7	21.7	22	22	21.8	21.6	21.4
22.1	21.9	21.7	21.2	21.4	20.9	21.1	21.4	21.4	21.2	21.1	21.2	21.6
22.3	22.3	22	21.6	21.6	21.7	21.8	21.4	21.5	20.9	20.8	20.8	21.4
23.4	23.6	23.8	23	23.4	23.5	23.3	23.2	23	22.5	22	21.8	22.1
22.6	22.6	22.5	22.5	22.2	22.1	22.1	22.1	21.9	21.9	21.7	21.7	22

CLOUDS—FORM AND DIRECTION.

Day.	8 a.		9 a.		10 a.		11 a.		Noon.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1		S.-Cu. ENE		S.-Cu. ENE	Ci.-S.	Cu. ENE	Ci.-S.	Cu. ENE	Ci.-S.	Cu. ENE
2	A.-Cu. SE	S.-Cu.	Ci.-S. E	Cu.	A.-Cu. SE	Cu. NE	A.-Cu. SE	Cu. NE	A.-Cu. SE	Cu. NE
3	Ci.-S.	Cu.-N. W	Ci.-S.	Cu.-N. W	Ci.-S.	Cu. W	Ci.-S.	Cu. W	Ci.-S.	Cu. W
4	Ci.-S.	Fr.-N. SW	A.-cu. NWbyN	Cu.-N.	Ci.-S.	Fr.-N. SW		Fr.-N. SW		N.
5	Ci.-S.	N. SW	Ci.-S.	N. SW	Ci.-S.	S.-Cu.	Ci.-S.	N.	Ci.-S.	Cu.
6	Ci.-S. NW	Cu.	Ci.-S. NW	Cu.	Ci.-S. NW	Cu.	A.-Cu. NE	Cu.	A.-Cu. NE	Cu.
7	Ci.	Cu.	Ci. NE	Cu. ESE	Ci.-S.	Cu. ESE	Ci.-S.	Cu. ESE	Ci.-S.	Cu.-N. ESE
8	Ci.	Cu. SSE	Ci. NNE	Cu. SSE	Ci. NNE	Cu. SSE	Ci. NNE	Cu. SSE	Ci. NNE	Cu.
9	Ci.	Cu.	Ci. SSE	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.
10	A.-Cu. ESE	Cu.-N. E	Ci.-S.	N.-cf. E		N.-cf. E	Ci.-S.	N.-cf. E	Ci.-S.	N.-cf.
11	Ci.-S.	Cu. ESE	Ci.-S.	Cu. ESE	Ci.	Cu. ESE	Ci.-S.	Cu. ESE	Ci.-S.	Cu. ESE
12	Ci.-S.	S.-Cu.	Ci.-S. E	Cu. ESE	Ci.-S. E	Cu.	Ci.-S. E	Cu.	Ci.-S.	Cu. E
13	A.-Cu.	Cu. ENE	A.-Cu.	Cu. ENE	Ci.	Cu. ENE		Cu. ENE		Cu. ENE
14		N.		N.		N.		N.	Ci.-S.	Cu.-N.
15	Ci.-S.	S.-Cu. ESE	Ci.-S.	S.-Cu. ESE	Ci.-S.	S.-Cu. ESE	Ci.-S.	Cu. ESE	Ci.-S.	Cu. ESE
16	A.-Cu. SW	S.-Cu.	A.-Cu. SW	Cu.	A.-Cu. SW	Cu.	A.-Cu. SW	Cu.-N. S	A.-Cu. SW	Cu.-N. S
17		N. E		N. SW	Ci.-S.	Cu.-N. EbyS	Ci.-S.	Cu. E	Ci.-S.	Cu. W
18	Ci.	Cu. N	Ci.	Cu. N	Ci. NE	Cu.	Ci.	Cu.	Ci.	Cu.
19	Ci.	Cu.	Ci.	Cu.	Ci.	Cu. WSW		Cu. WSW		Cu. WSW
20	Ci.	Cu. W		Cu.		Cu.	Ci.	Cu.	Ci.-S.	Cu. W
21	Ci. E	Cu.	Ci. E	Cu.	Ci. E	Cu.	Ci. E	Cu.	Ci. E	Cu.
22	Ci.	Cu.	Ci.	Cu. NW	Ci.	Cu.	A.-Cu. NW	Cu. NW	Ci.-S.	Cu.
23		Cu.-N. SW		Cu.-N. WSW	Ci.-S.	Cu.-N. WSW	Ci.-S.	Cu.-N.		Cu.-N.
24		N.	Ci.-S.	Fr.-N. SW	Ci.-S.	Fr.-N. SW	Ci.-S.	Fr.-N. SSW	Ci.-S.	Fr.-N. SW
25		Fr.-N. SW	Ci.-S.	Fr.-N. SW	Ci.-S.	Cu. SW	Ci.-S.	Cu. SW	Ci.-S.	Fr.-N. SW
26	Ci.-S.	Cu.-N. SW	Ci.-S.	Cu.-N.		Fr.-N. SW		Fr.-N. SW		N.
27	Ci.-S.	Fr.-N. SW	Ci.-S.	S.-Cu.	Ci.-S.	S.-Cu.	Ci.-S.	N.-cf. SW	Ci.-S.	S.-Cu. SW
28	Ci.-S.	S.-Cu. W	Ci.-S.	S.-Cu. W		Cu.-N.		Cu.-N. W	Ci.-S.	Cu.-N.
29	A.-Cu.	S.-Cu. E	A.-Cu.	S.-Cu. E	A.-Cu.	Cu. E	A.-Cu.	Cu. E		Fr.-N. E
30	Ci.	Cu.	Ci.	Cu. SE	Ci.	Cu. SE	Ci.	Cu.	Ci.	Cu.

Day.	1 p.		2 p.		3 p.		4 p.		5 p.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1	Ci.-S.	Cu. ENE	Ci.-S.	Cu. E	Ci.-S.	Cu. E	Ci.-S.	Cu. ENE	Ci.-S.	Cu. ENE
2	Ci.-S.	Cu.-N. NE	Ci.-S.	Cu.-N.	Ci.-S.	Cu.-N. NE	Ci.-S.	Cu.	Ci.-S.	Cu.-N. NE
3	Ci.-S.	Cu. W	Ci.-S.	Cu. W	Ci.-S.	Cu. WbyS	Ci.-S.	Cu. WbyS	Ci.-S.	Cu. WbyS
4		N.	Ci.-S.	N. WSW		N. WSW		Fr.-N. WSW	Ci.-S.	Cu.-N. WSW
5	Ci.-S.	Cu.	Ci.-S.	Cu. SW	Ci.-S.	Cu. SW	A.-Cu. WNW	Cu.-N. SW	Ci.-S.	S.-Cu. SW
6	A.-Cu. NE	Cu.-N.	Ci.-S.	Cu.-N. S	Ci.-S.	Cu.-N. S	Ci.-S. NNE	Cu.-N. S	Ci.-S.	Cu.-N. SbyE
7	Ci.-S.	Cu.-N. ESE	Ci.-S.	Cu. E	Ci.-S.	Cu.-N. E	Ci.-S.	Cu.-N. E		N. E
8	Ci. NNE	Cu.-N. SSE	Ci.-S.	Cu.-N. E	Ci.-S. NE	N. E	Ci.-S. NE	Cu.-N. E	Ci.-S. NE	Cu.-N. E
9	Ci.	Cu.-N.	Ci.	Cu.-N.		Cu.-N.		S.-Cu. ESE		Cu.-N.
10	A.-Cu. ESE	Cu.-N. ESE		Cu.-N. ESE		Cu.-N. ESE	Ci.-S.	Cu.-N. E	Ci.-S.	S.-Cu.
11	Ci.-S.	Cu. SE	Ci.-S.	Cu. SE	Ci.-S.	Cu.-N. SE		Cu.-N. ESE		N.
12	Ci.-S.	Cu.		Cu.-N. E		Cu.-N. E	Ci.-S.	Cu.-N.	Ci.-S.	Cu.
13		Cu. ENE		Cu.-N. E		Cu.-N. ENE	Ci.-S.	Cu.-N. E	Ci.-S.	S.-Cu.
14		Cu.-N.	Ci.-S.	Cu.-N. E	Ci.-S.	Cu.-N. E		N.		N.
15	Ci.-S.	Cu.		Cu.-N. ESE		Cu.-N. ESE		Cu.-N.		N.
16	Ci.	Cu.-N. S	Ci.	Cu. S	Ci.-S.	Cu.		Cu.-N. S		Cu.-N.
17	Ci.-S.	Cu. W	Ci.-Cu. NNE	Cu.	Ci.-S.	Cu.	Ci.	Cu.	Ci.	Cu.
18	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.-N.	Ci.	Cu.-N.	Ci.-S.	Cu.-N.
19		Cu. WSW	Ci.-S.	Cu.	Ci.-S.	Cu. WSW	Ci.-S.	Cu. WSW	Ci.-S.	Cu.
20		Cu. W		Cu. W	Ci.	Cu. W	Ci.	Cu.	Ci. E	Cu.
21	Ci. E	Cu.	Ci.	Cu. NW	Ci.	Cu.	Ci.	Cu.-N. W		Cu.-N.
22	Ci.-S.	Cu.	Ci.-S.	Cu.		Cu.-N. NW		N.		Fr.-N. W
23	Ci.-S.	Cu.-N. SW	Ci.-S.	Cu.-N. SW	Ci.-S.	Cu.-N. SW		Fr.-N. SSW		Fr.-N. SSW
24		Cu.-N. SW		Fr.-N. SW	Ci.-S.	Fr.-N. SW	Ci.-S.	Fr.-N. SW	Ci.-S.	Fr.-N.
25	Ci.-S.	Cu. SW	Ci.-S.	Fr.-N. SW	Ci.-S.	Fr.-N. SW		Fr.-N. SW		Fr.-N.
26		N.		N.		N.	Ci.-S.	Fr.-N. SSW	Ci.-S.	Fr.-N. SSW
27	Ci.-S.	Cu.	Ci.-S.	S.-Cu.		Cu.-N. SW		N. SW		N.
28		N.		N.		Fr.-N. W		Fr.-N. W		Fr.-N. W
29		Fr.-N		Cu.-N. SW		Cu.-N. SW		Cu.-N. SW		Cu.-N.
30	Ci.	Cu. SSE	Ci.	Cu.-N. SSE		Cu.-N. SSE		Cu.-N. SSE		Cu.-N. SSE

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	Calm	Calm	Calm	NNW 2	NNW 2	NNW 1	NNW 0.5	Calm	Calm	Calm	Calm	Calm
2	Calm	N 1.5	N 1	N 1	Calm	NE .5	Calm	Calm	Calm	WSW 2.5	Calm	W 1
3	Calm	WNW 1.5	NW 1	WSW 2	NNE 1.5	ENE 2	ENE 1	Calm	SW 4.5	SW 7.5	SW 3.5	SW 4.5
4	WSW 2.5	SSW .5	SSW 3	WSW 9	WSW 4.5	SW 7.5	SSW 5	SSW 4	SW 9.5	SW 7.5	WSW 6.5	SW 4.5
5	SW 4	SW 2	Calm	Calm	Calm	Calm	S .5	SSW 4	Calm	Calm	S 2.5	SSE .5
6	NE 1.5	Calm	Calm	Calm	Calm	Calm	Calm	SE 2	SE 1.5	SE 2	SSE 1	SE 3.5
7	Calm	Calm	Calm	Calm	Calm	Calm	Calm	SE 2	SE 2	ESE 2.5	ESE 2.5	SE 3
8	N 1	Calm	Calm	Calm	Calm	Calm	Calm	SE .5	SW 2	Calm	Calm	W 4
9	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	SW 2	WSW 2	W 2.5
10	Calm	N 2	N 2	N 1.5	NNE 2	NNE 2	N 1	Calm	NE .5	Calm	Calm	Calm
11	Calm	Calm	Calm	Calm	NE .5	Calm	Calm	Calm	E 3	SE 4.5	SSE 2.5	SSE 1
12	Calm	Calm	Calm	NE 2	N 1.5	Calm	NNE .5	NNE 1	Calm	WSW .5	WSW 2.5	WSW 1.5
13	Calm	Calm	NNE 1.5	N 1.5	Calm	Calm	Calm	N 2	Calm	NW .5	WNW 4.5	WNW 2
14	Calm	N 1.5	NNE .5	Calm	NNE 1	NE .5	Calm	Calm	Calm	NNW 2	NNW 3	NNW 2
15	NNE 1.5	ENE 1	Calm	E 1.5	ENE 1.5	ESE 1.5	Calm	E 1.5	Calm	SE 3	ESE 2.5	SE 2.5
16	ENE 2.5	ENE 1.5	ENE 1	ENE .5	Calm	Calm	Calm	NE .5	NE .5	SSE 1	ESE 1.5	ESE 2
17	N 1.5	Calm	Calm	WSW 2	WSW 2	Calm	NE .5	ENE 4	Calm	E .5	E 1	ESE .5
18	Calm	NE .5	Calm	Calm	Calm	Calm	Calm	Calm	NW 2.5	WNW 3	WSW 2	WSW 3.5
19	Calm	Calm	Calm	Calm	SE .5	Calm	NNE .5	NNE 1.5	NNW 1	W 1	NNW 1.5	WSW 3
20	Calm	Calm	NE 1.5	NE 1	Calm	Calm	Calm	NE 1	W 1.5	WSW 1	WNW 2.5	WSW 2
21	NNE .5	N .5	Calm	Calm	Calm	Calm	Calm	NNW 1.5	NW 2.5	NW 1	WSW 2	WSW 2.5
22	Calm	Calm	Calm	N 1.5	NE .5	Calm	Calm	NNW 2	NW 2	WNW 2.5	NW 3	WNW 2.5
23	Calm	Calm	Calm	NE .5	Calm	Calm	Calm	Calm	Calm	SW 2.5	SW 4	S 6
24	SE 2	SE 1.5	SE .5	Calm	Calm	SbyW 2	SSW 3.5	WSW 12	WSW 2	S 3	S 2.5	SSW 4.5
25	SSE 5.5	SE 5	SSW 6.5	SSE 3	SSW 6	SW 8.5	SSW 6.5	Calm	SSW 1	S 1.5	S 3	S 5.5
26	SSE 1	SE 2	SE 2	SE 3	SE 2.5	Calm	Calm	SE 4	SE 2.5	SSE 5	SSW 4.5	SSE 3
27	Calm	E 1	SSW 2	SSE 2	SSW 2.5	SSW 3	SbyW 1	Calm	Calm	E 1	SSW 5	SSW 2
28	NE .5	NE 1	NNE 1	NE .5	NE .5	Calm	Calm	NNE 1	Calm	SSW 1	NNW 3	NW 3.5
29	Calm	Calm	Calm	SSE .5	S .5	Calm	Calm	Calm	Calm	SSW 1.5	SW 1	SSW 4
30	Calm	Calm	Calm	Calm	Calm	Calm	Calm	ESE 3	SE 1	E 1.5	SE 2	E .5
Mean	0.8	0.9	0.8	1.2	1	1	0.7	1.5	1.3	2	2.4	2.6

Day.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Mid-night.	Mean.
1	Calm	NW 2	NbyW 1.5	NbyW 0.5	NNE 1	E 1	Calm	NE 2	Calm	Calm	Calm	Calm	0.6
2	WNW 1	WNW 2.5	W 2	Calm	Calm	SSW 3	SSW 3	SWbyW 4.5	WSW 3.5	SSW 1	NNE 1.5	N 1	1.3
3	SW 8	SW 9	SW 9	SW 10	SW 8.5	SWbyW 8	SW 9	SW 5.5	SW 9	SSW 3.5	W 6	SW 4	4.9
4	SW 4.5	SW 8	SSW 3	SbyW 3.5	SSW 5	SSW 4	Calm	WSW 5.5	WSW 6.5	WSW 5.5	SW 2	SSW 3	4.8
5	Calm	Calm	Calm	Calm	Calm	SSW .5	Calm	Calm	Calm	Calm	Calm	Calm	.6
6	SE 4.5	SSE 4	SSE 4	SSE 2	SbyE 2.5	Calm	Calm	Calm	E 1	E 1.5	E 1	SE 2	1.4
7	Calm	Calm	WNW 2	Calm	SW 8.5	Calm	Calm	NE 2.5	NE 2.5	Calm	NW 1.5	NNW 1.5	1.2
8	W 5	WNW 3.5	SE 3	Calm	Calm	Calm	Calm	NNE 1.5	NNE 2	N 1.5	NE 1	Calm	1
9	W 2	WSW 3.5	Calm	W 1	Calm	SSE 2.5	S .5	Calm	Calm	Calm	NE 1.5	Calm	.7
10	Calm	NNW 1.5	NNW 2.5	NE 1.5	Calm	Calm	NNE 1	NE 1	Calm	Calm	Calm	Calm	.8
11	Calm	Calm	WSW 2	SW 3.5	SSW 3	SSW 1	ESE 1	NE 1	Calm	Calm	Calm	Calm	1
12	WSW 2	WNW .5	SW 4	SW .5	SW .5	Calm	Calm	Calm	Calm	Calm	Calm	Calm	.7
13	NW .5	ESE 1	ESE .5	Calm	Calm	Calm	Calm	Calm	Calm	Calm	N 1	NE 1	.7
14	NNW 3	NNW 5.5	NW 4	NNE .5	Calm	Calm	NNW 3	NNW 2	NW 1.5	N 2	NE 1	E .5	1.4
15	SE 3	ESE 3	E 2.5	Calm	NNW 2	Calm	Calm	ENE .5	ENE .5	Calm	E 1	ESE 2.5	1.3
16	SE 3	SSE 2.5	SE 1.5	Calm	SE 2.5	E 3	E 2	E .5	Calm	NE 1	NE 1.5	Calm	1.2
17	W 3	W 3	W 2.5	SW 1	SSW 1	SW 1	SW 2.5	SW 1	NE 2.5	NE .5	Calm	Calm	1.2
18	WSW 2	Calm	SSW 1	SW 5.5	SW 4.5	WSW 5.5	WSW 4	W 3	WSW 3	WSW 3	W 2.5	WSW 2	2
19	WSW 7.5	WSW 6.5	WSW 6	WSW 6.5	WSW 3	WSW 5.5	SW 3	WNW 2.5	W 2	Calm	Calm	Calm	2.1
20	WSW 3	WSW 4.5	SW 1.5	SW 3.5	SW 5.5	SW 4	SW 3	WSW 3.5	WNW 4	W 2.5	WNW 2.5	N 1	2
21	SW 3	WSW 3	SW 4	SW 6	WNW 4	NE 5.5	NE 5	NE 1.5	NE 1.5	N 1.5	N 1	Calm	1.9
22	SW 4	SSW 2.5	WNW 13	Calm	Calm	ESE .5	ENE 1	NE 2.5	Calm	Calm	SW 2	W 2	1.7
23	SW 3.5	SSW 6.5	SSW 8	SSW 3	S 3.5	SSW 1	S 1	SSE 1	SE 2	SE 3	SE 2	SE 2	2.1
24	SW 8	SSW 6.5	SSW 6	SSW 5	S 3	SSE 4	SSE 3.5	SSE 3	SE 2	SE 2	SE 2.5	SE 4	3.5
25	S 9.5	SSW 7	SSW 4	SSW 5	SSE 5	SSE 3	SE 3	S 5	SE 2.5	SE 2	WSW 6	SW 5.5	4.6
26	SSW 6	S .5	Calm	ESE .5	ESE 1	Calm	Calm	NE 2	SW 4.5	S 2.5	S 3	SSE 2	2.1
27	SW 8	WSW 2.5	WNW 1	SSW 4.5	SW 4.5	SSW 2.5	S 3	S .5	SW 4.5	Calm	E .5	SSW 2.5	2
28	NW 4	W 2.5	WNW 2	SW 2.5	SW 1	W .5	Calm	SSW 2.5	S 1	Calm	SSE 1	Calm	1.2
29	SSW 5.5	SSW 4	SSW 5.5	SSW 4	S 2	SSE 1.5	Calm	SE 2	SSE 3	SSE 1	SE .5	Calm	1.5
30	SE 3.5	SSW 2.5	WSW 2.5	SW 4.5	SW 2	Calm	Calm	Calm	NE 1	Calm	Calm	Calm	1
Mean	3.4	3.1	3.3	2.5	2.4	1.9	1.6	1.9	2	1.1	1.4	1.2	1.8

WIND—VELOCITY IN KILOMETERS PER HOUR.

Day.	Mdt.-1 a.	1-2 a.	2-3 a.	3-4 a.	4-5 a.	5-6 a.	6-7 a.	7-8 a.	8-9 a.	9-10 a.	10-11 a.	11-Noon.
1	2	1	2	5	8	5	5	3	2.5	3.5	5	6.5
2	0	3	5	3	1	2	2	5	1.5	3.5	5.5	7.5
3	2.5	2.5	4.5	8.5	5	3.5	4	2.5	15.5	22.5	25.5	25
4	13.5	16	22	28	24	**33.5**	20.5	21.5	28.5	20	23	27.5
5	**21**	10	4.5	4	1.5	1.5	4	10.5	8	4	10	5
6	4	3	2.5	2.5	2.5	2.5	2.5	5.5	8	12	11	12
7	3	3	3	4	3	2	1.5	2.5	**7**	7	10	8
8	2	.5	.5	.5	2.5	0	0	.5	1.5	1	10	10.5
9	0	0	0	0	0	0	.5	0	1	.5	7.5	10.5
10	3	1.5	4	4	6	**9**	8	7	3	2	.5	1.5
11	0	0	0	.5	.5	3.5	1	2	8.5	6.5	12.5	8.5
12	4	4.5	4.5	7	7	5.5	5.5	**6**	2	.5	7.5	9
13	4	3.5	3	6	6	3	3	5.5	2	6.5	**14**	**14**
14	4	3	4.5	.5	2	**5**	1	1.5	.5	2.5	4.5	10.5
15	2.5	5	2	2	4	4.5	4	5	5	7	11	12
16	5	2	3	1	0	1	3	3	3	1.5	8.5	10
17	4.5	2.5	1	5	9	5	3	9	1.5	3.5	4	2.5
18	0	0	.5	0	1.5	0	0	.5	4.5	9	9	7.5
19	4	.5	1	1.5	2.5	1.5	2.5	4	2	4.5	12.5	13
20	1	.5	4	1	2	2	1.5	1.5	5	7	10	10
21	2.5	2.5	2	2.5	3.5	1	1.5	4	7.5	8.5	14	12.5
22	0	.5	.5	1.5	1.5	2	2	5	6.5	12.5	16	12.5
23	2.5	2	1	2.5	2.5	3	1	1	1	4	9	18
24	6	5	4.5	3.5	2.5	4.5	12	18	**29**	12	13	16
25	16.5	16	25	17	15	**37**	22	5	9	7.5	13	14.5
26	12.5	7	5.5	7	10	8	6	7	10	11.5	**19.5**	17
27	3.5	3.5	4.5	6	9	16	8	5	3	4	10	17
28	5	4.5	5	5	4.5	3	4	5	2	3	3.5	4.5
29	2	1.5	2.5	4	4	2.5	3.5	4	2	5	6.5	10.5
30	2.5	3.5	2.5	1.5	2	4	2.5	4.5	6	6	11.5	8
Mean	4.4	**3.6**	4.2	4.5	4.8	5.7	4.5	5.2	6.2	6.6	10.6	11.4

AMOUNT OF CLOUDS (0-10).

Day.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	Mean.	Sunshine.
														h. *m.*
1	8	9	9	9	9	10	10	10	9	8	9	10	9.2	2 15
2	9	9	9	8	7	8	8	9	9	10	9	9	8.7	2 10
3	9	10	9	10	9	10	10	10	10	10	10	9	9.7	0 50
4	10	10	10	10	10	10	10	10	10	10	10	10	**10**	0 05
5	10	10	10	10	10	10	10	10	10	10	10	10	**10**	**0 00**
6	**9**	6	5	5	6	9	9	8	8	**9**	9	10	7.8	5 45
7	7	8	8	9	9	9	8	7	8	10	10	9	8.5	6 00
8	3	8	8	9	9	9	8	9	10	10	10	10	8.6	6 30
9	3	4	3	7	3	4	4	4	**7**	**9**	10	10	5.7	7 10
10	5	6	8	8	9	9	9	10	10	10	10	10	8.7	1 45
11	10	10	9	10	9	9	9	**9**	10	10	10	10	9.6	2 15
12	10	8	8	8	9	9	7	10	10	10	10	10	9.1	2 50
13	8	5	5	4	7	6	7	10	10	10	10	10	7.7	5 15
14	10	10	10	10	10	10	10	**9**	10	10	10	10	9.9	0 05
15	10	10	10	10	10	10	10	10	10	10	10	10	**10**	0 20
16	10	9	9	9	10	10	**7**	8	9	10	10	10	9.2	2 20
17	10	10	10	10	9	9	8	7	8	8	10	10	9.1	3 45
18	2	4	4	3	4	3	3	2	5	6	9	9	**4.5**	7 20
19	3	4	5	9	8	9	9	8	8	8	7	6	7	3 50
20	2	2	2	4	3	7	7	7	6	5	5	7	4.8	**9 20**
21	4	8	6	5	5	4	5	5	4	5	9	10	5.8	7 05
22	3	4	7	5	8	7	8	10	10	10	10	10	7.7	4 35
23	10	10	10	8	9	9	10	10	10	10	10	10	9.7	2 00
24	10	10	10	10	10	10	10	10	10	10	10	10	**10**	**0 00**
25	10	10	10	10	10	10	10	10	10	10	10	10	**10**	**0 00**
26	10	10	10	10	10	10	10	10	10	10	10	10	**10**	**0 00**
27	10	10	10	10	10	10	10	10	10	10	10	10	**10**	**0 00**
28	9	9	10	10	10	10	10	10	10	10	10	10	9.8	**0 00**
29	10	10	9	9	8	10	10	10	10	10	10	10	9.7	0 30
30	**4**	**5**	**4**	**4**	**3**	**4**	**5**	**6**	**7**	**8**	**7**	**4**	5.1	8 10
Total														92 10
Mean	**7.6**	7.9	7.9	8.1	8.1	8.5	8.4	8.6	8.9	9.2	**9.5**	9.4	8.5	3 04

WIND—VELOCITY IN KILOMETERS PER HOUR.

Noon–1 p.	1–2 p.	2–3 p.	3–4 p.	4–5 p.	5–6 p.	6–7 p.	7–8 p.	8–9 p.	9–10 p.	10–11 p.	11–mdt.	Mean.
7.5	9	8.5	9.5	3	**14**	2	4	6.5	2	1.5	1	4.9
9	8.5	6.5	7.5	5	7.5	16.5	12.5	**17**	9.5	4.5	4.5	6.1
29	31	34	**42**	32	34	30	29	28	24	21	17.5	19.7
22.5	16	17	13	16	14	9	7	30	22.5	23	10.5	**19.9**
6	5	2	2	3	5	6	3.5	3.5	4	2	4	5.4
12	**14**	12.5	9.5	10	9	6	4	5	5	6	7	7
7.5	4	7.5	9	9	11	4	8	**12**	3	5.5	5.5	5.8
15	14	**18.5**	2	1	0	0	2	8	6	2	0	4.1
12.5	12	9.5	8	8	7	5.5	4	1.5	.5	2.5	1.5	3.9
4	5	6.5	7	1.5	.5	.5	1	.5	0	0	0	**3.2**
7.5	4	6.5	15.5	**16.5**	10	3.5	5.5	4	5	2	3	5.3
8	8	**13**	10	6	9.5	3	3	2	2	2	3	5.5
11	10	1.5	4	1.5	1.5	1.5	1	2.5	4	4	3.5	4.9
17	**17.5**	16	12	4.5	0	5.5	9	7	5	4	2	5.8
15	**17**	11	4	7.5	4.5	3.5	1.5	2	2.5	3	6.5	5.9
12	10	7	3	7	**15**	8	4.5	4.5	3	8	2	5.2
5	**10.5**	9.5	9	9	8.5	8.5	7.5	9.5	3	0	.5	5.5
9.5	9.5	11.5	13	21	20	**22**	15	11	15	12	8	8.3
19.5	21	**24**	22	19	21	17	15.5	8.5	2.5	2.5	1.5	9.3
12	15	16	14	**22**	19	18	17	13	12.5	8	1.5	8.9
11	10	12	15	**20**	18	14	10	4	4	3	0	7.6
11.5	11	**20**	18	3.5	6	5	6	.5	1	4	5.5	6.4
16	17	**22**	20	14	12	12.5	6	6.5	10	7	7	8.2
28	23.5	19.5	19	11.5	14.5	10	8	10	9	9	11.5	12.5
25	25	17.5	19.5	18	15	10	13	14	9	13	21	16.6
17	16	4.5	4.5	7	7	7.5	5.5	10	14	9	4.5	9.5
10	12	11	**23**	15	12	5.5	5	15.5	9.5	4.5	13	9.4
14	8.5	8.5	12	9.5	7.5	7.5	1.5	5.5	3	3	1.5	5.5
13	13	16	**17**	13.5	9	4.5	6	5	8	5	4	6.8
11.5	9	10.5	**16.5**	8	6	4	3	4	4	3	3.5	5.7
13.3	12.9	12.7	12.7	10.8	10.6	8.4	7.3	8.4	6.8	5.8	5.2	7.8

FREQUENCY OF THE WIND.

Day.	N.	NNE.	NE.	ENE.	E.	ESE.	SE.	SSE.	S.	SSW.	SW.	WSW.	W.	WNW.	NW.	NNW.	Calm.	Total wind velocity.	Atmidometer.	Rainfall.
																		Kms.	*mm.*	*mm.*
1	2	1	1		1										1	4	14	117	1.6	4.8
2	4	1	1							3		3	2	2			8	147.5	2.3	.6
3		1		2						1	13	2	1	1	1		2	473	2.9	17.1
4										9	7	7					1	478.5	.5	74.2
5								1	2	2	2						17	130	1.1	1.6
6			1		3		6	4	1								9	168	2.6	.1
7			2			2	2				1			1	1	1	14	140	2.4	12.2
8	2	2	1				2				1		2	1			13	98	1.6	8.8
9			1					1	1		1	2	3				15	92.5	2.4	14.5
10	4	3	3													2	12	76	1	.8
11			2		1	1	1	2		2	1	1					13	126.5	1.9	5.7
12	1	2	1								3	4		1			12	132.5	2.3	
13	3	1	1			2								2	2		13	116.5	1.4	4.4
14	2	3	2		1										2	7	7	139	.6	36.4
15		1		4	4	4	3									1	7	142	1.5	16.2
16			4	4	3	2	3	2									6	125	1.3	4.2
17	1		3	1	2	1				1	4	2	3				6	131	2	
18			1							1	2	8	2	1	1		8	200	3.4	
19		2					1				1	7	2	1		2	8	223.5	2.9	
20	1		3								5	5	2	3			5	213.5	3.5	
21	3	1	4								3	3		1	2	1	6	183	2.8	.4
22	1		2	1		1				1	2		1	3	2	1	9	152.5	1.9	12.4
23			1				4	1	3	4	3						8	197.5	1.3	8.7
24							7	3	3	6	1	2					2	299.5	.3	41.3
25							4	4	5	7	2	1					1	397.5	.7	15.2
26			1			2	6	4	3	2	1						5	227.5	.1	43.6
27					3			1	2	9	3	1		1			4	225.5	.6	22.6
28		2	4					1	1	2	2		2	1	2	1	6	131	.3	14.8
29							2	4	2	6	1						9	162	.7	4.4
30			1		2	1	3			1	2	1					13	137.5	2.3	7.6
Total	24	20	40	12	20	16	44	28	23	57	61	49	20	19	14	20	253	5,583.5	50.2	372.6
Mean	0.8	0.7	1.3	0.4	0.7	0.5	1.5	0.9	0.8	1.9	2	1.6	0.7	0.6	0.5	0.7	8.4	186.1	1.7	12.4

EXTREME VALUES.

Day.	Maxima.						Minima.					
	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.
	mm.		*°C.*		*Per cent.*	*mm.*	*mm.*		*°C.*		*Per cent.*	*mm.*
1	**760.80**	9.20a.	31	4.35p.	97	23.3	757.75	4.40p.	23.6	2.10a.	67	20.9
2	59.50	0.05a.	31	2.35p.	97	23.1	55.75	4.10p.	23	5.55a.	69	20.7
3	56.80	0.05a.	30.6	0.30p.	96	23.8	53.40	4.20p.	**24.6**	5.55a.	73	**21.9**
4	57.30	10.25p.	28.5	9.30a.	97	22.8	53.55	4.05p.	22.7	8.25p.	80	21.2
5	57.95	11.05p.	31	3.25p.	97	23.9	55.55	3.30p.	23.2	4.15a.	76	21
6	59.05	10.05p.	32.9	1.05p.	98	23.5	55.90	3.15p.	23	5.45a.	65	21
7	60.30	10.25p.	**33.3**	2.30p.	98	23.1	56.20	2.30p.	23.3	5.35a.	**61**	19.8
8	59.40	9.05a.	31.6	1.50p.	98	23.8	57	1.50p.	22.8	5.50a.	68	20.5
9	59.15	9.00p.	32.3	2.10p.	98	22.9	55.70	2.30p.	**22.3**	5.45a.	65	**19.7**
10	59	9.15a.	31.5	1.45p.	97	23.7	56.25	4.45p.	23.2	6.05a.	74	20.6
11	60.30	11.35p.	31.8	1.15p.	**99**	23.5	56.20	3.10p.	23.4	3.15a.	67	21.2
12	60.70	8.35a.	30.5	1.35p.	98	22.3	**58.10**	5.50p.	23.8	5.50a.	65	20.5
13	59.55	0.05a.	30.8	0.35p.	98	23.8	56.85	4.15p.	23	5.50a.	71	20.3
14	58.15	8.50a.	29	2.15p.	98	**21.7**	54.81	3.00p.	23	4.30a.	73	20.6
15	58.35	10.55p.	30.3	0.25p.	98	22.5	55.20	4.00a.	23.2	5.55a.	72	20.6
16	59.35	10.05p.	30.8	11.55a.	**99**	23.8	56.30	4.00p.	23	4.15a.	66	20.6
17	58.85	0.15a.	30.6	3.15p.	98	22.9	55.85	3.50p.	23.5	1.40a.	71	20.9
18	58.05	0.30a.	31	2.15p.	**99**	22.4	55.30	3.40p.	**22.3**	5.50a.	68	20
19	58.35	10.50p.	31	1.10p.	97	23.8	55.40	2.40p.	23.9	5.50a.	71	21.1
20	58.15	0.05a.	31.8	3.20p.	97	24.6	55.60	3.35p.	23.9	5.50a.	70	21.8
21	57.10	8.25a.	32.5	3.25p.	98	**25.2**	54.25	3.50p.	23.7	6.05a.	68.5	21.5
22	56.35	0.05a.	31.4	2.15p.	97	25.1	52.77	2.00p.	23.7	3.15a.	73	21.3
23	54.85	9.05a.	30.4	10.50a.	96	24.3	51.75	3.05p.	24.4	5.55a.	80	21.8
24	**53.05**	8.55a.	28	0.05p.	96	23.4	**50.85**	2.20p.	24.3	7.55a.	82	20.9
25	54.80	11.00p.	29.3	0.45p.	**95**	23.3	51.95	2.10p.	24.1	9.30p.	71	21
26	58.30	9.15p.	**27.1**	9.20a.	98	22.8	53.20	3.20a.	23.3	11.55p.	**83**	20.5
27	58.65	8.45a.	28.5	1.20p.	97	22.5	56	3.10p.	23	2.05a.	74	20.5
28	57.70	10.00p.	28.1	11.55a.	**99**	22.8	55.80	2.25a.	23.4	4.05a.	80	20.9
29	57.55	11.10p.	28.4	9.55a.	**99**	22.3	55.15	2.40p.	23.3	4.15a.	76	20.8
30	59.40	10.00p.	32.3	0.35p.	**99**	23.8	56	2.25p.	**22.3**	4.55a.	64	20
Mean	758.23	.....	30.6	.....	97.6	23.4	755.15	.....	23.3	.....	71.4	20.8

DAILY GENERAL REMARKS.

1—○°, ◠° in the afternoon; ● in the evening.
2—≡° in the morning; ○ in the afternoon; d at night.
3—●° in the morning; gusty SW winds at intervals in the afternoon; ◠, coloration of clouds at sunset; ● at night.
4—Somewhat rainy and squally weather; ◟ in the evening.
5—● in the early morning; d in the morning and afternoon.
6—≡° in the morning; ◸ SW quadrant, d° in the afternoon; ◸ ESE in the evening.
7—Ω² early in the morning; slight coloration of clouds at sunrise; ⊕° in the morning; ⊤ E, ◸² SW quadrant, ● in the afternoon; ●, ◟ N in the evening.
8—Convergence of Ci. toward N in the morning; ◸ E quadrant, ⊤² SSE, ● in the afternoon; ☋ in the evening.
9—⊤ NNE in the afternoon; heavy thundershowers in the evening; d at night.
10—≡°, ●° in the morning; d° in the afternoon.
11—◸ S and NW in the afternoon; ◸ E, ●° in the evening.
12—d in the early morning; d° in the afternoon.
13—Thundershowers in the afternoon.
14—● in the morning, afternoon and evening.
15—d in the early morning; ● in the afternoon.
16—d° in the afternoon; ◸ N in the evening; ● at night.
17—d in the early morning; ◠ at noon; convergence of Ci. toward NNE in the afternoon.
18—≡° in the morning; convergence of Ci. toward NE in the morning and afternoon.
19—Convergence of Ci. toward N in the morning; somewhat gusty WSW winds in the afternoon.
20—◸ N in the evening.
21—⊕° in the morning; ◸ N in the afternoon; ●°, ◟ NNE in the evening.
22—◸ NW quadrant, gusty Wly winds, ● in the afternoon; ●° in the evening.
23—● in the early morning, forenoon and afternoon.
24—Gusty SWly winds, ● in the morning and afternoon.
25—As yesterday.
26—Somewhat rainy weather, especially at night.
27—●° in the morning; ● in the afternoon and at night.
28—● in the early morning, afternoon and at night.
29—●° early in the morning, afternoon and at night.
30—◸ S, ● in the afternoon.

OBSERVATIONS FOR OCTOBER, 1916.

ATMOSPHERIC PRESSURE, 700mm+.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	58.90	58.45	58.30	58.15	58.15	58.47	58.66	58.81	58.81	58.64	58.39	57.86
2	59.30	58.75	58.50	58.45	58.50	58.99	59.56	59.71	**59.79**	59.63	58.97	58.26
3	57.95	57.95	57.50	57.55	57.90	58.51	58.97	59.40	59.50	**59.89**	59.59	58.73
4	58.90	58.20	57.90	57.90	58.10	58.62	59.24	59.81	**59.90**	59.51	59.89	58.92
5	58.45	58.05	57.90	57.90	58.10	58.32	59.02	**60.31**	60.23	60.01	59.76	59.22
6	58.25	57.80	57.55	57.35	57.75	58.01	58.21	58.70	58.72	58.51	58.05	57.57
7	57.50	57	56.90	56.90	57.15	57.57	58.10	58.57	58.84	58.79	58.63	57.87
8	58.55	58	57.95	57.75	57.90	58.26	58.61	59.17	**59.24**	58.92	58.59	58.29
9	58.15	57.85	57.60	57.70	57.75	58.55	58.95	58.91	59.13	59.10	59	58.51
10	58.75	58.40	58.35	58.45	58.55	58.97	59.69	59.86	60.28	60.11	59.88	59.44
11	59.15	58.75	58.40	58.25	58.55	58.96	59.36	59.77	**59.86**	59.78	59.33	58.64
12	58.50	58	57.95	57.95	58.05	58.31	58.69	58.96	59.04	58.79	58.33	57.83
13	58.50	58.05	58	58.05	58.20	58.57	58.90	59.41	**59.48**	59.20	58.85	58.42
14	58.65	58.25	57.80	57.75	57.95	58.34	58.77	59.18	59.28	**59.32**	58.75	58.10
15	57.70	57.50	56.95	56.70	56.60	57.10	57.82	58.16	58.39	**58.50**	57.82	57.19
16	56.80	56.30	55.85	55.90	56.25	56.76	57.35	57.64	**57.76**	57.58	57.06	56.49
17	56.75	56.55	56.50	56.45	56.50	56.87	57.41	57.84	57.94	57.60	57.15	56.42
18	57.45	57.25	57.10	56.95	57.35	57.84	58.06	58.67	**59.14**	58.80	58.33	57.53
19	56.70	56.95	56.80	56.95	57.10	57.59	58.02	**58.11**	57.99	57.62	57.03	56.27
20	57.10	56.80	56.75	56.55	56.60	57.21	57.51	57.95	58.23	58.26	57.82	57.06
21	58.45	58.20	**57.75**	57.90	58.25	58.70	59.15	59.35	59.54	59.52	59.19	59.16
22	59.05	58.75	58.15	58.10	58.70	58.67	59.13	59.37	**59.44**	59.26	58.86	58.56
23	57.70	57.35	57.35	57.25	58	58.41	59.16	58.77	59.10	58.99	58.81	58.45
24	58.60	57.95	**57.55**	57.90	58.15	58.79	59.39	59.89	**60.54**	60	59.24	58.92
25	59.20	58.50	58.20	58.35	58.60	59.05	59.39	59.96	60.18	60.07	59.78	59.13
26	60.35	60	60	60	60.20	60.78	61.32	61.80	**61.87**	61.53	60.77	60.38
27	60.30	59.75	59.15	59.45	59.60	60.11	60.49	60.80	**60.88**	60.57	59.99	59.40
28	58.50	58.25	57.80	57.85	58.05	58.51	58.70	58.97	59.45	**59.54**	58.83	58.30
29	59.15	58.70	58.50	58.65	58.85	59.14	59.59	59.92	60.25	60.19	59.65	59.13
30	59.55	59.35	59.25	59.45	59.30	59.90	60.15	60.26	**60.49**	60.28	59.90	59.34
31	59.05	58.55	58.70	58.10	58.05	58.29	58.50	58.65	**59.14**	58.36	58.30	57.64
Mean	58.45	58.07	57.84	57.83	58.02	58.46	58.90	59.25	**59.43**	59.25	58.86	58.29

TEMPERATURE (°C.).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	24	23.7	23.6	23.5	23.2	**23.1**	25.3	28.6	29.9	30.4	31	31.6
2	23.6	**23.3**	23.7	23.4	**23.3**	23.5	24.5	27.1	28.6	29.9	29.7	30.1
3	22.9	22.9	22.9	**22.7**	23	23	23.7	24.7	24.7	25.3	27.9	29.2
4	24	23.7	**23.3**	**23.3**	23.5	23.7	24	24.5	25.2	26.1	26.3	26.4
5	23.6	23.6	23.6	23.6	23.6	23.8	23.9	24.6	**23.2**	23.6	24.3	26
6	**23.5**	23.8	23.8	23.7	23.7	23.7	24.9	26.5	28	28	30	28.9
7	23.5	23.1	22.9	22.6	22.4	**22.3**	23.7	26.2	27.3	28.5	28.6	28.8
8	23.7	23.6	23.7	23.8	**23.5**	**23.5**	24	25.2	25.8	**27.3**	27.2	26.9
9	23.9	23.8	23.8	23.9	23.6	23.5	**23.2**	23.6	23.8	24.5	25.4	26
10	25.8	25.8	25.9	25.2	25.3	**24.7**	25.6	26.9	26.8	28.2	28.6	27.4
11	24.4	24.1	23.5	23.3	23.1	**23**	24.9	26.4	28	28.9	29.2	30.2
12	24	23.5	23.1	22.8	**22.6**	23.1	24.5	26.4	28.9	30	29.6	30.2
13	24.1	23.6	23.4	23.2	22.8	**22.6**	24.5	27.4	30.1	29.2	30.1	**30.3**
14	24.5	24.5	24.2	23.8	23.9	**23.7**	25.2	27.1	29.9	28.7	29.5	29.9
15	24.6	24.3	24.2	24.1	**23.8**	**23.8**	25.2	27.7	29	**29.3**	29	27.5
16	23.9	23.9	23.8	**23.6**	**23.6**	23.8	24.3	27.4	26.8	27	27.8	27.9
17	24.1	24.2	24	23.7	23.8	**23.6**	24.2	25.6	26.9	27.6	28.5	**28.6**
18	24.2	24.1	24	23.9	23.9	**23.7**	25.7	26.8	27.9	29	**30.7**	30.2
19	24.4	24.3	23.8	**23.5**	23.7	23.6	24.1	26.6	29.3	30.4	31.5	31.7
20	25.2	25	25	24.9	24.6	**24.3**	25.7	28.2	30.8	31.2	31.8	31.7
21	24.5	24	23.6	**23.4**	23.6	23.7	25	26.9	**29.4**	29.3	27.5	26.4
22	23.8	23.8	23.6	**23.5**	23.6	23.6	23.7	25.2	27.1	27.2	**27.9**	26.8
23	24	23.6	23.5	**23.3**	23.6	23.8	24.2	24.2	26.7	**29.9**	27.7	27.4
24	**24**	**24**	24.1	**24**	**24**	**24**	25.1	26.6	28	28.9	29.4	29.1
25	24.2	24.2	24.1	24.1	23.8	**23.4**	25.6	28.7	30.2	30.4	31	**31.9**
26	23.9	23.6	23.6	23.7	**23.2**	23.3	23.9	27.9	29.6	30.5	**31.3**	30.8
27	23	22.8	22.5	22.4	**22.2**	**22.2**	24.7	27.1	28.9	30.4	**30.5**	29.6
28	22.9	22.7	22.3	22.2	22	**21.8**	23.4	27.2	28.9	29.2	29.7	29.1
29	24.2	24.1	23.3	23.4	23.2	**23.1**	24.6	27.2	26.2	29.5	**31.3**	30.6
30	23.7	23.3	23.3	23	**22.7**	**22.7**	23.6	25.1	26.6	27.4	28.2	**29.5**
31	23.9	23.7	23.7	23.6	23.6	**23.4**	**23.4**	23.7	25	26.3	27.3	**28.4**
Mean	24	23.8	23.7	23.5	**23.4**	**23.4**	24.5	26.4	27.7	28.5	29	29

ATMOSPHERIC PRESSURE, 700mm+.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
57.35	56.92	56.52	**56.47**	56.87	57.72	58.55	59.40	59.80	59.95	**60.10**	59.95	58.38
57.43	**56.66**	56.97	57.34	57.64	58.30	58.87	59.45	58.80	58.50	58.65	58.60	58.57
57.94	57.12	**56.68**	57.10	57.25	58.22	58.45	58.75	59.10	59.50	59.70	59.35	58.44
58.51	57.74	**57.09**	57.19	57.70	58.32	59.06	59.10	59.50	59.40	59.15	58.80	58.69
58.52	57.47	**57.14**	57.51	57.72	58.14	58.59	59.10	59.30	59.20	58.85	58.50	58.64
56.49	**56.03**	56.33	56.63	57.03	57.46	58.01	58.55	**59**	58.85	58.40	57.90	57.80
57.18	56.63	**56.11**	56.33	56.82	57.49	57.99	58.55	59.05	**59.15**	58.95	58.80	57.79
57.91	57.40	**56.99**	57	57.31	57.78	58.05	58.40	59	59.15	59	58.80	58.25
58.04	57.69	**57.22**	57.52	57.62	57.84	58.46	59.15	59.55	**59.70**	59.65	59.10	58.45
58.88	58.08	57.72	**57.42**	58.02	58.74	59.04	59.55	60.10	**60.30**	60.25	60	59.12
57.83	57.24	**56.84**	56.86	57.15	57.57	57.97	58.45	58.60	58.65	59	58.85	58.49
57.31	56.66	56.74	**56.47**	56.78	56.94	57.49	58.25	58.90	59.25	**59.40**	59.05	58.07
57.63	57.29	**57.27**	57.32	57.51	57.84	58.45	58.65	59.10	59.05	59.25	59.20	58.42
57.69	57.08	56.88	**56.84**	57.05	57.33	57.73	58.55	58.75	58.55	58.30	58.30	58.13
56.59	56.44	**55.99**	56.13	56.62	56.88	57.45	58.15	58.15	58.30	57.90	57.25	57.34
55.77	55.40	**55.06**	55.16	55.58	56.10	56.80	56.90	57.45	57.60	57.60	57.05	**56.59**
56.12	**55.56**	55.59	56.27	56.90	57.11	57.56	57.85	**58.30**	58.25	58.20	57.90	57.07
56.91	**56.47**	56.52	57.03	57.29	57.59	57.99	58.45	58.30	58.15	57.60	57.35	57.67
55.91	55.53	**55.35**	55.78	56.15	56.41	57.01	57.25	57.45	57.55	57.60	57.30	56.93
56.20	**55.85**	56	56.56	56.96	57.38	57.82	58.90	**59.15**	**59.15**	59.10	59.05	57.50
58.94	58.09	58.05	58.12	58.28	58.45	58.49	59.40	60.30	**60.35**	60.05	59.80	58.90
58.04	57.34	57.19	**56.71**	57.10	57.41	57.50	58	58.10	58.10	58.40	58.30	58.26
57.29	56.85	**56.55**	56.80	57	57.35	58.50	59	**59.35**	**59.35**	58.90	58.60	58.12
58	57.60	57.89	57.98	57.84	57.99	58.64	59.25	60	59.95	59.80	59.35	58.80
58.43	57.96	**57.43**	57.82	58.35	58.77	59.23	60.25	60.55	**61.20**	61.10	60.80	59.26
59.79	59.02	**58.82**	59.07	59.54	59.72	60.23	60.85	60.90	61.05	61.40	60.75	**60.42**
58.91	58.47	57.98	57.94	**57.84**	58.40	58.75	59.30	59.60	59.70	59.50	59.10	59.42
57.51	56.81	**56.59**	57.05	57.35	58.05	58.45	59.25	59.35	59.40	59.45	59.35	58.39
58.43	58.04	**57.99**	58.13	58.36	58.70	59.25	59.70	59.85	60.05	**60.55**	60.05	59.20
58.83	58.15	**57.78**	57.93	58.02	58.38	58.89	59.40	59.35	59.55	59.35	59	59.24
56.83	56.74	56.55	**56.14**	56.34	56.94	57.47	57.65	57.60	57.95	57.75	57.20	57.77
57.65	57.11	**56.90**	57.05	57.35	57.78	58.28	58.82	59.11	59.19	59.13	58.82	58.33

TEMPERATURE (°C.).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
32.2	**32.9**	32.2	32.2	30.8	28.6	28.5	24.8	24.7	23.9	24.1	24	27.4
30.7	**30.9**	28.7	26.2	25.1	24.3	24.4	24.6	23.5	**23.3**	23.4	**23.3**	25.8
29.5	28.7	28.4	28	27.3	26.4	25.8	25.8	25.4	24.5	24.1	23.6	25.4
26.7	**26.9**	26.6	25.7	25.6	25.1	24.6	24.6	23.4	**23.3**	23.4	23.4	24.7
26.9	**27**	26.5	25.8	25.6	24.7	24.6	24.3	24	23.6	23.5	23.5	**24.5**
28.2	**30.2**	28.6	25.6	25	24.8	24.7	24.5	24.1	23.8	23.7	23.7	25.6
29.7	30.2	**30.8**	28.5	26.7	25.7	25.9	25.3	25	24.4	24.2	23.9	25.8
27	**27.3**	26.8	26.7	26	25.2	24.9	24.5	24.3	24	24	24	25.1
26.6	26.5	26	25.6	25.3	24.6	24.6	24.6	24.7	24.7	25.3	25.3	24.7
27.2	27.7	**29.1**	28.6	27.1	26.1	26.2	26	25.8	25.8	25.3	**24.7**	26.5
30.7	**30.7**	30.1	29.8	28.7	27.2	26.8	26.3	25.7	25.1	24.7	24.5	26.6
30	**30.9**	28.1	26.1	26.2	25.6	25.3	25.2	25.1	25	24.7	24.4	26.1
29.8	28	27.5	27.6	27.3	26.5	25.6	25.5	25.2	25.4	24.8	24.7	26.2
30	28.6	29.5	29.5	28.3	26.6	26.1	25.6	25.3	24.8	24.5	24.5	26.6
29.2	25.5	25.8	26.6	27.1	25.6	25.2	25	25.2	24.8	24.3	24	25.9
27.9	27.7	28	**28.2**	27	26.3	24.6	**23.9**	24.1	24.1	24.2	24.2	25.6
26.4	26.1	27.3	26.8	25	24.4	24.4	24.3	24.2	24.2	24.3	24.3	25.3
30.6	30.1	28.2	26.8	24.3	24.4	24.4	24.6	24.6	24.4	24.4	24.3	26
32.4	**32.6**	32	30.4	28.7	27.5	27.2	26.4	26.1	25.6	25.8	25.8	27.4
32.3	31.6	31.2	29.5	29	27.5	27	26.3	26	25.3	24.8	24.5	**27.6**
25.2	26.5	26.7	26.5	25.3	24.8	24.2	24.3	24.2	24.1	24.1	24	25.3
27.3	26.5	26	26.2	25.8	25.1	24.8	24.7	24.3	24.2	24.4	24.3	25.1
28.8	28.2	28.1	27.6	27	26.3	25.7	25.5	25.3	24.7	24.5	24.1	25.7
29.5	27.5	26.3	26.7	**26.3**	25.8	25.5	25.2	25	25	24.5	24.1	25.9
31.7	31.7	31.5	31.1	29	27	26.3	25.9	25.6	25.5	24.8	24.5	27.3
28.4	30	31.2	28.7	26.6	25.7	25.1	24.2	24.1	23.8	23.6	23.4	26.3
29.9	26.8	26.6	25.8	25.5	24.8	24.4	24.1	23.7	23.5	23.3	23.1	25.3
29.2	**30.8**	30.3	26.6	26.2	25.4	25.2	24.6	24.5	24.5	24.4	24.2	25.7
29.4	30.3	29.8	30.9	28.8	26.3	25.4	24.7	24.4	24.4	24.1	23.5	26.4
29.2	28.6	28.7	28.1	27.3	26.3	25.8	25.2	24.8	24.9	24.3	24.2	25.7
28.4	27.4	25.2	24.9	24.6	24.4	24.1	24	24	23.9	24	24	24.8
29.1	28.9	28.4	27.7	26.7	25.8	25.4	25	24.7	24.5	24.3	24.1	25.9

RELATIVE HUMIDITY (%).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	97	97	97	97	97	97	87	73	72	72	70	66
2	97	98	97	98	98	97	97	85	83	77	80	77
3	97	96	95	96	95	96	95	91	92	92	79	75
4	96	97	98	98	97	97	96	94	92	88	85	85
5	96	97	97	97	96	95	95	91	90	90	91	85
6	98	97	96	96	96	96	91	86	79	82	73	72
7	97	97	98	98	98	97	91	82	81	74	78	74
8	95	93	92	90	91	90	89	88	85	76	77	80
9	96	97	96	95	97	97	98	96	94	93	87	85
10	88	88	88	92.5	92	94	89	85	87	82	78	82
11	93	93	96	96	95	93	85	79	76	73	71.5	65
12	97	97	97	97	97	95	88	82	69	67	70.5	67
13	95	97	97	97	97	97	90	79	69	71	74	73
14	94	93	95	97	96	96	89	81	67	75	75	71
15	92	93	95	95	96	96	90	78	71	69	71	81
16	96	96	96	97	97	96	94	81	87	85	83	79
17	99	97	98	98	97	98	97	91	84	81	75	75
18	97	97	97	97	97	97	89	89	84	78	69	71
19	95	94	97	97	97	97	97	87	74	68	67	63.5
20	94	95	95	96	97	98	91	77	66	64	60.5	59
21	93	96	97	96	95	94	89	81	70	71	78	88
22	98	96	97	98	97	97	98	90	83	84	81	86
23	97	98	98	98	98	97	94	97	84	71	83	85
24	99	99	98	99	98	98	95	87	82	76	74	79
25	97	96	96	95	96	98	88	72	69.5	70	62	59
26	96	97	97	97	97	96	97	78	72	66	61	59
27	95	95	96.5	96	96	96	86	78	71	64	68	73
28	97	99	99	97	97	98	96	80	75	74	70	71
29	96	96	97	96	96	96	87	79	82	70	64	66
30	94	95	95	97	98	97	94	90	80	78	72	68.5
31	93	95	96	96	97	97	97	94	88	83	80	74
Mean	95.6	95.8	96.2	96.4	96.4	96.2	92.2	84.5	79.3	76.3	74.4	74

VAPOR PRESSURE (mm).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	21.6	21.2	20.9	20.7	20.6	20.5	20.8	21.3	22.6	23.3	23.3	22.8
2	20.9	20.9	21	21	20.9	21	22.3	22.7	24	24.3	24.8	24.6
3	20.2	19.8	19.6	19.6	19.8	19.9	20.6	21	21.2	21.9	22.2	22.6
4	21.2	21.2	20.9	20.9	21	21	21.2	21.5	21.8	22.1	21.6	21.7
5	20.7	20.9	20.9	20.9	20.7	20.8	20.9	20.8	19.1	19.4	20.5	21.1
6	21.1	21.2	20.9	20.8	20.8	20.8	21.2	22	22.3	22.9	23.1	21.3
7	21	20.5	20.4	20	19.8	19.5	19.9	20.6	21.9	21.4	22.6	21.8
8	20.6	20.1	20.1	19.7	19.6	19.3	19.7	20.8	21.1	20.5	20.6	21.2
9	21.1	21.2	20.9	20.9	20.9	20.7	20.8	20.7	20.6	21.3	20.9	21.1
10	21.6	21.6	21.8	22	21.9	21.8	21.8	22.4	22.8	23.2	22.7	22.2
11	21.2	20.8	20.6	20.3	19.9	19.4	19.9	20.3	21.3	21.5	21.5	20.7
12	21.4	21	20.5	19.9	19.7	19.9	20.1	21.1	20.5	21	21.7	21.3
13	21.1	20.9	20.8	20.4	20.1	19.8	20.5	21.4	21.8	21.4	23.5	23.3
14	21.5	21.3	21.3	21.2	21.1	20.8	21.2	21.5	21.1	21.8	23	22.3
15	21.1	21	21.3	21.1	20.9	20.9	21.4	21.5	21.1	20.9	21.1	22
16	21.1	21.1	20.9	20.9	20.9	20.9	21.2	22.1	22.8	22.5	23.1	22.2
17	22.1	21.8	21.8	21.4	21.3	21.3	21.8	22.1	22.1	22.3	21.8	21.7
18	21.7	21.5	21.4	21.3	21.3	21.2	21.9	23.3	23.4	23.1	22.5	22.8
19	21.6	21.2	21.2	21	21	21.1	21.7	22.6	22.3	22	23	22
20	22.4	22.4	22.4	22.4	22.4	22.2	22.3	22	21.8	21.8	21.1	20.6
21	21.3	21.2	20.9	20.4	20.5	20.5	21	21.3	21.4	21.5	21.2	22.4
22	21.5	20.9	21.1	21.1	21.1	20.9	21.4	21.4	22	22.6	22.6	22.6
23	21.6	21.3	21.1	20.9	21.3	21.3	21.1	21.8	21.9	22.3	22.9	23
24	22	22	21.9	22	21.8	21.8	22.5	22.6	22.9	22.5	22.5	23.7
25	21.7	21.5	21.4	21.1	20.9	21	21.4	21	22.1	22.7	20.8	20.7
26	21.1	20.9	20.9	21	20.6	20.3	21.3	21.8	22.1	21.4	20.6	19.6
27	19.8	19.5	19.5	19.4	19.2	19.2	19.8	20.7	20.9	20.6	22.2	22.5
28	20.2	20.3	19.9	19.3	19.1	19.1	20.4	21.4	22.1	22.3	21.6	21.2
29	21.5	21.4	20.5	20.4	20.2	20.1	19.9	21.2	20.8	21.3	21.7	21.5
30	20.5	20.1	20.1	20.2	20.1	20	20.3	21.3	20.6	21	20.5	20.9
31	20.5	20.6	20.8	20.7	20.9	20.6	20.6	20.5	20.8	21.2	21.5	21.2
Mean	21.2	21	20.9	20.7	20.7	20.6	21	21.5	21.7	21.9	22	21.9

RELATIVE HUMIDITY (%).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
62	57	64	63	69	78	69	92	95	95	94	94	81.4
75	76	85	93	90	92	93	92	97	97	96	96	90.2
74	80	80	82	86	91	94	93	93	97	96	97	90.1
84	82	84	89	90	93	93	93	96	97	96	97	92.4
80	83	82.5	87	89	93	93	93	95	97	96	97	91.9
78	68	77	89	93	96	96	96	97	98	98	97	89.4
74	71	67	74	83	85	87	88	90	93	93	95	86
83	82	83	85	88	91	92	94	94	95	94	94	88.4
84	86	87	88	91	94	94	95	94	94	92	92	92.6
81	76	71	75	82	88	87	88	89	89	92	94	85.7
67	65	71	73	81	89	90	90	92	95	96	96	84.2
71	67	80	92	89.5	93	94	94	94	94	95	95	86.8
77	88	90	81	82	86	92	94	93	91	95	93	87.4
70	76	72	71	72	83	85	87	88	87	92	92	83.5
74	90	90	88	88	95	97	97	97	94	96	97	88.8
82	81	79	77	83	87	92	96	97	98	98	98	89.8
85	87	81	86	92	95	96	96	96	97	97	97	91.5
70	69	79.5	86	94	95	96	95	95	96	96	96	88.7
62	61	63	67	78	84	85	90	89	93	92	90	82.8
61	62	65	73	76	83	83	87	89	93	94	94	81.4
94	89	85	84	88	91	95	94	95	96	96	96	89.6
85	87	89	88	91	95	96	96	98	98	97	96	92.5
78	79	80	85	88	91	94	96	97	97	97	98	90.8
76	88	91	91	94	97	97	98	97	95	97	98	91.8
59	56	57	61	70	79	82	85	87	88	90	91.5	79.3
71	65	59	76	83	87	89	93	92	94	92	97	83.6
67	83	84	90	90	93	95	95	95	96	97	97	87.4
75	69	71.5	89	92	97	93	96	96	95	96	97	88.3
68	64	65	65	69	79	84	87	88	90	92	95	82.1
69	73	72	72	74	79	82	86	90	87	91	92	84.4
75	80	91	93	96	96	97	97	97	97	96	97	91.8
74.5	75.5	77.3	81.1	84.9	89.5	90.7	92.7	93.6	94.3	94.8	95.2	87.6

VAPOR PRESSURE (mm).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
22.2	21.3	22.8	22.6	22.6	22.7	20	21.5	21.9	20.9	21	20.8	21.7
24.6	25.4	25	23.4	21.3	20.9	21.2	21.2	20.7	20.5	20.4	20.3	22.2
22.6	23.3	22.8	22.9	23.1	23.3	23.2	23.1	22.3	22	21.4	21.1	21.6
21.9	21.6	21.8	21.9	22	22.1	21.4	21.4	20.4	20.5	20.4	20.6	21.3
21.2	22.1	21.2	21.5	21.8	21.5	21.4	21	21	20.9	20.6	21	20.9
22.1	21.7	22.3	21.8	22	22.3	22.2	21.9	21.7	21.5	21.4	21.2	21.7
22.9	22.5	22	21.4	21.7	20.9	21.6	21	21.2	21.2	20.9	20.9	21.1
21.9	22.1	21.6	22.1	21.9	21.6	21.6	21.5	21.2	21	20.8	20.8	20.9
21.8	22	21.7	21.6	21.8	21.6	21.6	21.8	21.8	21.8	21.9	21.9	21.4
21.6	20.9	21.4	21.7	21.8	22.1	22	21.9	22	22	21.9	21.8	22
21.8	21.2	22.4	22.6	23.7	23.8	23.4	22.9	22.5	22.5	22.2	21.9	21.6
22.3	22.4	22.6	23	22.6	22.5	22.6	22.4	22.3	22.1	21.9	21.6	21.5
23.9	24.6	24.5	22.3	22.1	22.2	22.4	22.8	22.2	21.9	22.1	21.5	22
22.1	22.1	22.2	21.7	20.7	21.5	21.4	21.2	21.2	20.3	21.1	21.1	21.4
22.3	21.8	22.3	22.7	23.5	23.2	23	22.8	23	21.9	21.6	21.4	21.8
23	22.3	22.1	22	21.9	22.1	21.2	21.1	21.5	21.9	22.1	22.1	21.8
21.7	21.8	21.9	22.4	21.7	21.6	21.7	21.6	21.5	21.7	21.8	22	21.8
23	22	22.5	22.6	21.2	21.6	21.7	21.8	21.8	21.7	21.7	21.6	20
22.5	22.3	22.1	21.6	22.7	22.8	22.8	22.9	22.5	22.8	22.7	22.3	22.1
21.9	21.5	21.9	22.4	22.7	22.6	22.1	22.1	22.1	22.3	21.9	21.5	22
22.4	22.8	22.1	21.6	21.2	21.1	21.3	21.2	21.3	21.4	21.4	21.2	21.4
22.9	22.4	22.3	22.2	22.4	22.5	22.3	22.2	22.2	22.1	22.1	21.6	21.9
23	22.4	22.6	23.3	23.3	23.2	23.1	23.2	23.1	22.3	22	21.9	22.2
23.2	24.1	23.2	23.7	24	23.9	23.4	23.2	22.8	22.4	22.3	21.9	22.8
20.4	19.4	19.7	20.3	20.8	20.9	20.9	21.2	21.2	21.3	20.9	20.9	21
20.4	20.6	19.9	22.2	21.5	21.3	21.1	20.9	20.6	20.6	19.9	19.9	20.9
21.1	21.6	21.8	22.3	21.8	21.7	21.6	21.1	20.6	20.6	20.5	20.5	20.8
22.6	22.9	22.9	23	23.2	23.3	22.2	22	21.9	21.7	21.7	21.7	21.5
20.8	20.4	20.3	21.7	20.4	20.2	20.2	20.2	20	20.4	20.6	20.4	20.7
20.7	21.3	21	20.4	19.9	20	20.3	20.5	20.9	20.5	20.6	20.7	20.5
21.5	21.7	21.6	21.8	22	21.7	21.7	21.4	21.4	21.3	21.2	21.4	21.2
22.1	22.1	22.1	22.2	22	22	21.8	21.8	21.6	21.5	21.4	21.3	21.5

CLOUDS—FORM AND DIRECTION.

Day.	8 a.		9 a.		10 a.		11 a.		Noon.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1		Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.-S.	Cu.
2	A.-Cu.	Cu. N	Ci.	Cu. NNW	Ci.	Cu. NNW		Cu. NW	Ci.	Cu.
3		Cu.-N. N		N.		N.	Ci.-S.	Cu.-N.	Ci.-S.	Cu.
4		N.		N.	Ci.-S.	N.		N.		N.
5		Cu.-N. WSW		Fr.-N. WSW		Fr.-N. WSW		Fr.-N. WSW	Ci.-S.	Fr.-N.
6	A.-Cu.	Cu.	A.-Cu. ESE	Cu. E	A.-Cu.	Cu. E	A.-Cu.	Cu. E	Ci.	Cu.
7	Ci.	Cu.	A.-Cu. E	Cu. E	A.-Cu.	Cu. E	Ci.	Cu. E	Ci.	Cu. E
8	Ci.-S.	S.-Cu.	Ci.-S.	S.-Cu.	Ci.-S.	Cu.-N.NEbyE	Ci.-S.	Cu.-N.NEbyE	Ci.-S.	Cu.-N. ENE
9		N.		N. E	Ci.-S.	Cu.-N. E	Ci.-S.	S.-Cu.	Ci.-S.	Cu.-N.
10	Ci.-S.	Cu.	Ci.-S.	Cu.-N. WSW	Ci.	Cu. WSW	Ci.	Cu. WSW		Cu.-N.
11	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S. NNE	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.
12	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu. E	Ci.	Cu. E
13	Ci.	Cu.	Ci.	Cu. E		Cu. E		Cu. E		Cu. E
14	Ci.	Cu.	Ci.	Cu. E		N. E	Ci.-S.	Cu. E	Ci.-S.	Cu.-N. E
15	A.-Cu. E	Cu. ESE	A.-Cu. ENE	Cu. ESE	Ci.	Cu. ESE	Ci.	Cu.-N. NE		Cu.-N. NE
16	Ci.-S. NE	Cu.	Ci.-S.	Cu.-N. EbyS	Ci.-S.	Cu.-N. EbyS	Ci.-S.	Cu.-N. E	Ci.-S.	Cu.-N. E
17	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.
18	Ci. E	Cu.	A.-Cu. SE	Cu.	A.-Cu. SE	Cu.	A.-Cu.	Cu.	Ci.	Cu.
19	Ci.	Cu.	Ci. N	Cu.	Ci. N	Cu. SEbyE	Ci. N	Cu. SEbyE	Ci.-S.	Cu.
20	Ci. E	Cu.	Ci.	Cu.	Ci.	Cu. ESE	Ci.	Cu. ESE	Ci.	Cu.
21	Ci.	Cu. E	Ci.	Cu. E		Cu.-N.		Cu.-N. E		Cu.-N. E
22	Ci.-S.	Cu.-N. ESE	Ci.-S.	Cu. ESE	Ci.-S.	Cu.	Ci.-S.	Cu. ESE	Ci.-S.	Cu.-N.
23		S.-Cu.	A.-Cu.	Cu. E	A.-Cu.	N.-cf. E		N.-cf. E		N.-cf. E
24	Ci.-S.	Cu.	Ci.	Cu. ENE	Ci.-S.	Cu. ENE	Ci.-S.	Cu. E	Ci.-S.	Cu.-N.
25	Ci.	Cu.	Ci.	Cu.		Cu. E		Cu. E		Cu. E
26	Ci.	Cu.	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu.
27		Cu.		Cu. E	A.-Cu.	Cu. E		Cu. E		Cu.-N. E
28	Ci.	Cu.	Ci.	Cu.		Cu. E		Cu. E		Cu.-N. E
29		Cu.		Cu.-N. ENE		Cu. ENE		Cu.-N. ENE		N.-cf.
30	Ci.	Cu.	Ci.-S.	Cu.-N. E	Ci.-S.	Cu. E	Ci.-S.	Cu. E	Ci.-S.	N.-cf.
31		N.	Ci.-S.	N.	Ci.-S.	N.		N.-cf. E	Ci.-S.	Cu.

Day.	1 p.		2 p.		3 p.		4 p.		5 p.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.-N. ESE	Ci.-S.	Cu.-N. ESE
2	Ci.	Cu.	Ci. EbyS	Cu.		Cu.-N.		Cu.-N.		Cu.-N.
3	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Fr.-N. NE	Ci.-S.	Fr.-N. NE
4	Ci.-S.	N.-cf.		Cu.-N.	Ci.-S.	S.-Cu.		N.		N.
5	Ci.-S.	N.-cf. WSW	Ci.-S.	S.-Cu.	Ci.-S.	S.-Cu.	Ci.-S.	Fr.-N. WSW		Fr.-N. wsw
6		Cu. E	Ci.-S.	Cu.-N.		Cu.-N.		Cu.-N. E		Cu.-N. E
7	Ci.-S.	Cu. E		Cu. E		Cu. E		Cu.-N. E		Cu.-N.
8	Ci.-S.	Fr.-N.	Ci.-S.	Fr.-N. ENE		Fr.-N. ENE		N.		Fr.-N.ENE
9		Cu.-N.		Fr.-N.	Ci.-S.	Fr.-N.		Fr.-N.		Fr.-N.
10	Ci.-S.	Cu.-N.	Ci.-S.	N.-cf. WSW	Ci.-S.	Cu.	Ci.	Cu.	Ci.	Cu.
11	Ci.-S.	Cu.	Ci.	Cu. E	Ci.-S.	Cu. E	Ci.-S.	Cu.	Ci.-S.	Cu.
12	Ci.	Cu.	Ci.	Cu.-N. E		Cu.-N.	Ci.	Cu.	Ci.	Cu.
13		Cu. E	Ci.-S.	Cu.-N. E	Ci.	Cu.-N. E	Ci.-S.	Cu.-N.	Ci.	Cu.-N.
14	Ci.-S.	Cu.-N. E	Ci.-S.	Cu.-N. E	Ci.	Cu.	Ci.	Cu. E	Ci.-S.	Cu. E
15		Cu.-N. NE		Cu.-N. NE		Cu.-N. NE	A.-Cu.	Cu.-N.	A.-Cu.	S.-Cu.
16	Ci.-S.	N.-cf.	Ci.-S.	N.-cf. E	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	N.
17	Ci.-S.	Cu.-N.	Ci.-S.	Cu.-N.	Ci.-S.	Cu.-N. SW		Cu.-N.WSW		N.
18	Ci.	Cu.	Ci.	Cu.-N. S		Cu.-N. S		Cu.-N.		Cu.-N.
19	Ci.-S.	Cu.	Ci.	Cu. ESE	Ci.	Cu. ESE	Ci.	Cu. ESE	Ci.-S.	Cu.-N.
20	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu. ESE	Ci.-S.	Cu. ESE	Ci.-S.	S.-Cu. ESE
21		Cu.-N. E		Cu.-N. E		S.-Cu. E	Ci.-S.	S.-Cu. E		S.-Cu.
22	Ci.-S.	Cu.-N. ESE	Ci.-S.	Cu.-N. ESE	Ci.-S.	Cu.-N. ESE	Ci.-S.	S.-Cu. ESE	Ci.-S.	S.-Cu. ESE
23		Cu.-N. E	Ci.-S.	Cu. E	Ci.-S.	Cu.-N. E	Ci.-S.	Cu.-N. E	Ci.-S.	Cu.
24	Ci.-S.	Cu.-N.		Cu.-N.		Cu.-N.		Cu.-N. E		Cu.-N.
25		Cu.	Ci.	Cu.		Cu.		Cu.		Cu. E
26	Ci.-S.	Cu.-N.	Ci.-S. NE	Cu.	Ci.-S.	Cu. E	A.-Cu.	Cu.-N. E		Cu.-N.
27		Cu.-N. E	Ci.-S.	Cu.-N.	Ci.-S.	Cu.-N. E	Ci.-S.	Cu.-N. E	Ci.-S.	Cu.
28	Ci.-S.	Cu.-N.		Cu.-N. E		Cu.-N. E		Cu.-N.		Cu.-N.
29		Cu. E		Cu. E		Cu. E		Cu. E		Cu. E
30	Ci.-S.	Cu.-N.		Cu.		Cu. E	Ci.-S.	Cu.-N. E	Ci.-S.	S.-Cu. E
31	Ci.-S.	Cu.-N.		Cu.-N. E		N.		N.		N.

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	E 0.5	Calm	Calm	Calm	E 0.5	E 1	E 0.5	E 1	E 0.5	ESE 1	ESE 2	SE 2
2	N .5	Calm	NNE 0.5	Calm	Calm	Calm	Calm	Calm	NW 1	WNW 1.5	NW 2	W 2
3	NNE .5	N 2	NE 1	NE 0.5	Calm	Calm	Calm	ENE .5	ENE .5	ENE .5	E .5	SW .5
4	S 2	Calm	Calm	S 1.5	S 1	Calm	Calm	Calm	Calm	Calm	Calm	Calm
5	Calm	Calm	Calm	Calm	NW 1.5	Calm	Calm	NNE 1	NE 1	NE .5	E .5	E .5
6	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	WSW 2	Calm	SSE 1.5	SSE 2.5
7	Calm	Calm	ENE .5	NNE .5	N .5	NE 1	Calm	Calm	NE 1.5	NNE .5	NNW 1	WNW 2
8	Calm	Calm	Calm	NNE 1	Calm	NbyE 1.5	N 1	Calm	Calm	Calm	SW .5	Calm
9	S .5	Calm	Calm	Calm	NE .5	NE 1	Calm	Calm	NE 1	Calm	Calm	W .5
10	SSW 3	SSW 3.5	SW 3	S 1.5	S 1.5	Calm	SSW 3	SSW 2	SW 3	SSE 2.5	SSW 4	SW 4
11	Calm	Calm	Calm	Calm	Calm	NNE .5	NE 1	Calm	NW 2	NW 4	WNW 7	WNW 2
12	Calm	Calm	NE 1.5	NE 1.5	N 1.5	NbyW 1	NNE 2	Calm	NE 1.5	WSW 2.5	WbyS 2.5	W 3.5
13	Calm	Calm	Calm	NE .5	Calm	Calm	NE 1.5	Calm	Calm	W 2.5	WSW 1.5	SW 2
14	Calm	Calm	NNW .5	Calm	Calm	Calm	NNE 1	Calm	ENE 1.5	Calm	Calm	Calm
15	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	SW 2	WSW 3.5	WSW 2
16	N 2.5	NNE 1.5	N .5	N .5	N .5	NNE 1.5	NNE 1.5	Calm	Calm	Calm	Calm	Calm
17	Calm	E .5	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	SW 1	WSW 2.5
18	Calm	Calm	Calm	N .5	Calm	Calm	EbyS .5	ESE .5	ESE 3	SE 2	ESE 5	ESE 4
19	E 2	ENE 1.5	Calm	NNE 1.5	N 1.5	Calm	Calm	Calm	ESE 1	ESE 6	ESE 6	ESE 2
20	NE 1.5	Calm	Calm	Calm	Calm	Calm	Calm	E 2	ENE 3	ENE 1.5	ESE 5.5	ESE 3
21	Calm	NE 1.5	Calm	Calm	NE 1.5	ENE .5	ENE .5	ENE .5	ENE 1	Calm	WNW 3.5	Calm
22	NNW 1	NNE 2.5	Calm	Calm	NE .5	N .5	N .5	Calm	Calm	WNW 2	WSW .5	WNW 2
23	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	NW 1	Calm
24	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	NW 3.5	NNW 2	NNW 2.5	NW 4.5
25	NNE 2	N 1.5	NNE 1.5	NE .5	Calm	Calm	Calm	Calm	NE 2	NE 1	ESE 2.5	E 4.5
26	Calm	Calm	Calm	Calm	NNE .5	NNE .5	NEbyE .5	E 1	E 2	ENE 2	ENE 5.5	ENE 8
27	NNE 1.5	NE 1.5	Calm	Calm	Calm	Calm	NNE 2	N 2	N .5	NE .5	SSW 3	SW 1.5
28	Calm	Calm	ENE .5	E 1	Calm	Calm	Calm	Calm	WNW 2.5	W 3	W 1.5	NNW 6
29	Calm	Calm	Calm	NNE .5	NE 1.5	Calm	NE 1	NNE 3	NNE 3	NNE 2	NNW 3	NNE 1.5
30	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	NE 2	N 2	NNE 2.5	N 3
31	NNE 2.5	E 1	Calm	Calm	Calm	Calm	NE .5	Calm	Calm	NNE 1	N 1	NNE 1.5
Mean	0.6	0.5	0.3	0.4	0.4	0.3	0.5	0.4	1.3	1.4	2.3	2.2

Day.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Mid-night.	Mean.
1	SE 2	SE 0.5	NNW 1.5	WSW 2	WSW 1.5	NNW 1.5	SE 6	SW 2	Calm	NE 3	N 2.5	N 2	1.4
2	WSW 2	WSW 2	W 1.5	E .5	Calm	Calm	Calm	NE 4	Calm	Calm	Calm	NE .5	.8
3	SW 1	SW 1	S .5	Calm	Calm	Calm	NE .5	Calm	SSW 0.5	SSW 3	S 3	S 3.5	.8
4	Calm	Calm	WNW 1	Calm	Calm	Calm	Calm	NE 2.5	NE 2.5	NE 1.5	Calm	Calm	.5
5	Calm	Calm	WNW 1	Calm	NE .5	ENE .5	Calm	NE .5	NE 1	NE 1.5	NE .5	Calm	.4
6	SSE 1	S 1	SSE 1	S 1	Calm	Calm	Calm	Calm	Calm	Calm	NE .5	Calm	.4
7	WSW 1	W 1.5	WNW 2	WNW .5	SSW 1	SbyW 1	S .5	SSE .5	Calm	Calm	Calm	Calm	.6
8	SSW 1	S .5	Calm	Calm	Calm	Calm	Calm	S .5	S .5	S .5	S .5	Calm	.3
9	Calm	NW .5	NW 1	Calm	Calm	Calm	Calm	Calm	Calm	Calm	S 2	S 2	.4
10	SW 4.5	SW 2	SSW 3.5	SW 2.5	SSW 2	SW 2.5	SSW 1	SSW 2.5	SSW 1.5	SSW 1.5	SSW .5	N .5	2.3
11	WNW 3.5	W 3	W 2	Calm	Calm	Calm	Calm	NE 1	Calm	Calm	Calm	Calm	1.1
12	WNW 1	WNW 2.5	E 1	Calm	NE 1.5	Calm	Calm	Calm	Calm	Calm	Calm	Calm	1
13	W 1.5	SE 3	SSE 1	NNE 1.5	NE 1	NNE 1	Calm	Calm	N 2	NNE .5	Calm	Calm	.8
14	SE 1.5	NW 2	NE 1	Calm	NNE .5	Calm	Calm	NE .5	Calm	E 2	Calm	Calm	.4
15	WNW 1.5	SW 2.5	WSW 1	W .5	Calm	Calm	Calm	Calm	NNW .5	NNW 2	NNW 3.5	NNW 3.5	.9
16	N .5	NW 4	NW .5	NW 2	NW .5	NW .5	E 2	E 2	E .5	E .5	Calm	Calm	.9
17	S 5	SSE 1.5	SE 4	SE 2.5	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	.7
18	ESE 1	SE 2	Calm	Calm	NNE 1.5	Calm	Calm	Calm	ENE .5	Calm	ENE .5	ENE 1	.9
19	ESE 2	ESE 2	ESE 3.5	Calm	SE 2	ESE 2	ENE 1.5	E .5	ESE 2	Calm	ENE 1	ESE 2.5	1.7
20	ESE 2	E 3.5	ESE 1.5	Calm	E 2.5	Calm	E .5	E 2	E 2	E .5	E .5	Calm	1.3
21	Calm	Calm	NNE 5.5	NE 2.5	NNE 2	NNE 2	NNE 1	NE 2	ENE 2	N .5	N 2	NE 1.5	1.2
22	NNW 1	N .5	N 1.5	N 1.5	Calm	Calm	NW .5	Calm	Calm	WNW 1	Calm	Calm	.6
23	SW 1	WNW 1	NNW .5	NNW 1.5	N .5	Calm	Calm	Calm	Calm	NNE 2	NNW 2	Calm	.4
24	NNW 4	Calm	S 2	Calm	Calm	Calm	Calm	NE 1.5	NNE 1	N 1	Calm	Calm	.9
25	SE 3	E 5	ESE 6.5	ESE 2	ESE 2	ESE 4	ESE 1	ESE 2.5	ESE 2	ESE 3	E 2	E 2	2.1
26	ENE 3.5	ENE 2.5	ENE 2	Calm	E 2	Calm	Calm	Calm	N 1	ENE 1	N 1	NNE 1	1.4
27	NE 3	E 2	E 1	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	.8
28	Calm	W 1	W 2	WNW 1	Calm	Calm	Calm	Calm	NNE .5	NNE 1.5	Calm	Calm	.9
29	NE 4.5	NNE 4	NNE 2.5	NNE 1	NNE 1.5	Calm	NE .5	Calm	NE 1.5	Calm	Calm	Calm	1.3
30	NNE 4.5	NE 2	ENE 1	NE 1	NE 1.5	NE 1	NNW 2	NNE 1	Calm	E 2	ENE 1.5	E 1.5	1.2
31	NNW 3	Calm	NE 1	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	.5
Mean	1.9	1.7	1.7	0.8	0.8	0.5	0.5	0.8	0.7	0.9	0.8	0.7	0.9

WIND—VELOCITY IN KILOMETERS PER HOUR.

Day.	Mdt.-1 a.	1-2 a.	2-3 a.	3-4 a.	4-5 a.	5-6 a.	6-7 a.	7-8 a.	8-9 a.	9-10 a.	10-11 a.	11-Noon.
1	4.5	2.5	2.5	3	4	3	3	4.5	6.5	6	8.5	6
2	3	0	0	.5	.5	1	0	0	2.5	8.5	13	**15**
3	2.5	1	3	5	1	0	0	3.5	.5	1	1	2
4	9	5.5	1.5	4	6	3	2.5	3.5	3	2.5	5.5	2.5
5	1	1	.5	1	1.5	4.5	2.5	4	**14.5**	8	6	1
6	0	0	2	1	0	1	1	1	3	6	6	**9**
7	.5	0	1	3.5	3.5	4.5	4.5	4	2	1	3	8.5
8	4	3	4	3	3.5	4	5	1	2	1.5	7	4.5
9	3	3	2	3	4	**9**	6	0	2	3	3	3
10	11	13	16	8	6	6	7	12	15	9	17	18
11	3.5	3.5	4.5	1	4	4.5	5.5	1	2.5	6.5	**22**	16.5
12	.5	2.5	3.5	5	6	4.5	4	6.5	4	2.5	11	11
13	.5	0	1	.5	1.5	1	3	2.5	.5	5.5	13.5	10
14	0	0	0	0	.5	.5	2.5	4.5	3	2	6	3
15	1	2	1.5	2	2.5	1.5	2	.5	2.5	8.5	11.5	7
16	9	4	1	0	1	0	0	0	0	1	0	.5
17	1	1.5	4	2	2	2.5	1.5	2.5	3	3.5	7	8.5
18	3.5	3	2	3	3.5	2.5	4	5	6.5	7.5	**14.5**	12.5
19	5.5	4.5	4.5	4.5	4	2	2.5	3.5	3.5	10.5	19	**20**
20	7	3	1.5	.5	1	0	1.5	9.5	9	6	16	**17**
21	2	1.5	2	1	3	4	4	4.5	3	7	12	5.5
22	2.5	6	2.5	0	1.5	1.5	1.5	1	0	4	4	**6.5**
23	0	0	0	0	0	.5	.5	.5	2.5	1.5	6.5	5
24	0	0	0	0	0	.5	.5	1	3	10	11	**13**
25	4	5	4	4	2	1.5	1.5	4	6	7	19.5	16.5
26	3	.5	3	2.5	3.5	2.5	7	3	7	10	**19.5**	18.5
27	4	6.5	.5	0	.5	.5	4	5	5.5	1.5	**12**	8
28	1	1	2	2	2.5	0	.5	1	3.5	8	**13**	**13**
29	0	0	0	1	.5	1	1.5	6	7.5	8	8	7
30	2	.5	.5	0	0	0	0	0	1	1.5	13.5	13.5
31	3	1.5	0	0	.5	1.5	3	3	1.5	3	**11.5**	8
Mean	3	2.4	2.3	**2**	2.3	2.2	2.6	3.2	4.1	5.2	**10.4**	9.4

AMOUNT OF CLOUDS (0–10).

Day.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	Mean.	Sunshine.
														h. *m.*
1	1	1	1	4	4	6	4	5	4	5	6	9	4.2	**10 20**
2	9	4	4	4	4	6	5	8	9	10	10	10	6.9	6 05
3	10	9	10	10	9	9	10	10	10	10	10	10	9.8	1 30
4	10	10	10	10	10	10	10	10	10	10	10	10	**10**	**0 00**
5	10	10	10	10	10	10	10	10	10	10	10	10	**10**	**0 00**
6	9	9	8	8	9	9	8	9	10	10	10	10	9.1	2 30
7	5	5	6	8	9	7	6	5	5	8	8	10	6.8	3 35
8	9	10	10	10	10	10	10	10	10	10	10	10	9.9	**0 00**
9	10	10	10	10	10	10	10	10	10	10	10	10	**10**	**0 00**
10	10	9	10	8	7	10	10	10	7	5	7	10	8.6	2 00
11	10	9	9	9	9	8	8	6	9	7	9	10	8.6	4 10
12	4	3	3	5	6	7	6	7	9	7	9	6	6	4 20
13	2	3	3	4	6	7	7	10	10	10	8	10	6.7	2 30
14	8	6	6	9	8	8	9	9	8	8	10	10	8.2	1 35
15	9	8	7	6	7	8	10	10	9	9	10	10	8.6	2 20
16	9	9	10	10	10	10	10	10	10	10	10	10	9.8	**0 00**
17	10	10	10	10	10	10	10	10	10	10	10	10	**10**	0 45
18	7	8	9	9	7	6	6	8	10	10	10	10	8.3	3 30
19	5	4	4	4	4	5	6	5	7	8	8	10	5.8	8 00
20	4	6	3	4	5	5	6	8	8	10	9	9	6.4	5 30
21	8	9	8	10	10	10	10	10	10	10	10	8	9.4	1 20
22	10	10	8	9	10	10	10	10	10	10	10	10	9.8	**0 00**
23	10	10	8	8	10	10	10	10	10	10	10	10	9.7	1 10
24	9	9	9	9	9	10	10	10	10	10	10	8	9.4	0 15
25	3	3	2	3	3	2	2	3	2	3	5	9	**3.3**	10 15
26	9	8	7	6	5	8	8	8	6	8	9	9	7.6	5 45
27	7	3	5	5	8	9	9	10	10	10	8	8	7.7	4 20
28	1	2	1	3	7	9	9	6	10	10	10	10	6.5	6 50
29	2	4	8	3	5	6	8	8	4	3	3	2	4.7	7 40
30	7	8	10	10	9	10	10	9	8	9	7	7	8.7	0 35
31	10	10	10	10	10	10	10	10	10	10	10	10	**10**	0 45
Total														97 35
Mean	7.3	**7.1**	**7.1**	7.4	7.7	8.2	8.3	8.5	8.5	8.7	8.9	**9.2**	8.1	3 09

WIND—VELOCITY IN KILOMETERS PER HOUR.

Noon–1 p.	1–2 p.	2–3 p.	3–4 p.	4–5 p.	5–6 p.	6–7 p.	7–8 p.	8–9 p.	9–10 p.	10–11 p.	11–Mdt.	Mean.
9	7	8	6.5	3.5	1.5	9	12.5	4.5	4	9.5	8.5	5.7
11	10	8	7	6	3	5	9	10	1	0	2.5	4.9
8.5	9	6	5	4	2.5	2	3.5	4.5	11.5	11.5	15	4.3
3.5	1.5	5.5	3	0	.5	3.5	5	10	4	2.5	1	3.7
1	0	2	2	2	2	2	1.5	3.5	6	4	1	3
8	7	7	7	4	0	0	2	2	1.5	2.5	2.5	3.1
11.5	11.5	11.5	9	9	11	7	4	3.5	1	1.5	2	4.9
3.5	5.5	4.5	0	0	2	3	3	4	4	4	3	3.3
2	2	1	0	0	0	0	0	0	1	3.5	7.5	2.4
19	12.5	12.5	15	9	10.5	8.5	8.5	6.5	7	7	3.5	10.7
15.5	15	10	6	4	0	.5	4	.5	1	0	1	5.5
16	13	10	7	3	1.5	2	1.5	0	.5	.5	.5	4.9
15	6	3.5	3.5	7	6.5	7	1	1	1.5	0	0	3.8
9.5	4.5	3	3	3.5	1.5	1.5	2.5	2	8.5	4.5	.5	2.8
10	12	11	6	4	2	2	2	2	6	7	8	4.8
5	4.5	10	8.5	7	5	5	5.5	4	3	1	1.5	3.2
12.5	9	5	9	7	4.5	2.5	2	.5	.5	3	1.5	4
9	10	6	5	11.5	.5	1	0	1.5	3	2.5	0	4.9
16	15	12.5	10.5	9	10	8.5	4.5	5	3	3.5	6.5	7.8
16.5	13.5	13	8.5	7.5	6.5	7.5	6	8	6.5	4.5	2	7.2
8	.5	13	13	12	5.5	8	6.5	4.5	2.5	1.5	6	5.4
5.5	4.5	5	4.5	2.5	.5	.5	.5	0	.5	.5	0	2.3
4	8	6	3.5	3	1.5	.5	.5	.5	.5	5	2	2.2
11	7	7.5	5	2.5	2	3.5	3.5	4	4	2.5	2	3.9
19	19	20.5	14.5	12	11.5	7	6.5	8	7.5	9.5	6.5	9
16	8.5	10.5	5	8	6	.5	0	3	4.5	1.5	3.5	6.1
8.5	6.5	4	2.5	0	.5	3	0	0	1.5	1	1	3.2
5.5	6.5	9	7	3.5	1.5	2	.5	2.5	3	.5	0	3.7
14	12	14.5	9.5	7	5	1	1	.5	1.5	0	0	4.4
15.5	14	8	11	10	8.5	2.5	5	2	3	6	5.5	5.1
7	9	10.5	1.5	0	.5	.5	.5	0	.5	0	.5	2.8
10.2	8.5	8.3	6.4	5.2	3.7	3.4	3.3	3.2	3.3	3.2	3.1	4.6

FREQUENCY OF THE WIND.

Day.	N.	NNE.	NE.	ENE.	E.	ESE.	SE.	SSE.	S.	SSW.	SW.	WSW.	W.	WNW.	NW.	NNW.	Calm.	Total wind velocity.	Atmidometer.	Rainfall.
																		Kms.	*mm.*	*mm.*
1	2		1		6	2	4				1	2				2	4	137.5	2.8	28.7
2	1	1	2		1							2	2	1	2		12	116.5	1.6	9.8
3	1	1	3	3	1				3	2	3						7	103.5	1.3	3.2
4			3						3					1			17	88.5	.5	1.6
5		1	7	1	2									1	1		11	72.5	.5	5.4
6			1					4	2			1					16	73.5	1.3	1.7
7	1	2	2	1				1	1	2		1	1	3		1	8	118.5	2.3	
8	1	2							5	1	1						14	79	.9	2
9			3						3				1		2		15	58	1	6
10	1							1	2	12	7						1	257.5	2.4	
11		1	2										2	3	2		14	132.5	2.6	
12	2	1	4		1							1	2	2			11	116.5	1.8	1.3
13	1	3	3				1	1			1	1	2				11	91.5	1.8	.7
14		2	2	1	1		1								1	1	15	66.5	2.4	
15											2	3	1	1		4	13	114.5	.9	11.5
16	5	3			4										5		7	76.5	1.3	37.1
17					1		2	1	1		1	1					17	96	1	7.4
18	1	1		3		6	2										11	117.5	1.6	15.6
19	1	1		3	2	10	1										6	188	3.6	
20			1	2	8	4											9	172	3.3	
21	2	4	5	5										1			7	130.5	.3	43
22	5	1	1									1		3	1	2	10	55.5	.7	2.3
23	1	1									1			1	1	3	16	52	1	4.7
24	1	1	1						1						2	3	15	93.5	.9	2.3
25	1	2	3		4	10											4	216.5	4	1.3
26	2	3		8	3												8	147	2.9	.1
27	2	2	3		2					1	1						13	76.5	1.1	4.3
28		2		1	1								4	2		1	13	89	1.5	11.2
29		9	5													1	9	106.5	1.1	.8
30	2	3	5	2	2											1	9	123.5	1.8	4.3
31	1	3	2		1											1	16	67	.7	17.3
Total	34	50	59	30	40	32	11	8	21	18	18	13	15	19	17	20	339	3,434	50.9	223.6
Mean	1.1	1.6	1.9	1	1.3	1	0.4	0.3	0.7	0.6	0.6	0.4	0.5	0.6	0.5	0.6	10.9	110.8	1.6	7.2

EXTREME VALUES.

Day.	Maxima.						Minima.					
	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.
	mm.		*°C.*		*Per cent.*	*mm.*	*mm.*		*°C.*		*Per cent.*	*mm.*
1	760.15	10.20p.	**33.8**	2.15p.	97	23.3	756.40	3.30p.	22.8	5.50a.	57	20.5
2	59.95	0.05a.	31.5	2.20p.	98	**25.4**	56.30	2.15p.	23.2	4.20a.	75	20.3
3	59.89	10.00a.	30.4	0.20p.	97	23.3	56.55	2.45p.	22.5	4.45a.	74	19.6
4	60.05	8.35a.	27.3	2.30p.	98	22.1	57	3.05p.	23.2	3.15a.	82	20.4
5	60.50	8.15a.	27.2	2.10p.	97	22.1	57.05	2.30p.	22.5	8.30a.	80	**19.1**
6	59.05	8.40p.	30.5	10.45a.	98	23.1	55.95	1.55p.	23.4	0.20a.	68	20.8
7	59.25	10.20p.	31.2	2.50p.	98	22.9	56.05	3.05p.	22.1	5.45a.	67	19.5
8	59.30	8.55a.	28.3	10.25a.	95	22.1	56.90	3.20p.	23.2	5.30a.	76	19.3
9	59.75	10.10p.	**26.6**	1.00p.	98	22	57.22	3.00p.	23	6.55a.	84	20.6
10	60.35	9.25p.	30	3.40p.	**94**	23.2	57.42	4.00p.	**24.3**	6.05a.	71	20.9
11	60	0.05a.	31.5	1.35p.	96	23.8	56.84	3.00p.	22.7	5.45a.	65	19.4
12	59.45	10.40p.	31.3	2.10p.	97	23	56.35	3.50p.	22.4	4.40a.	67	19.7
13	59.55	8.50a.	31.3	0.10p.	97	24.6	57.05	2.10p.	22.4	5.45a.	69	19.8
14	59.35	9.10a.	30.8	9.20a.	97	23	56.70	2.45p.	23.3	5.45a.	67	20.3
15	58.55	9.50a.	30	0.45p.	97	23.5	55.95	2.55p.	23.4	5.20a.	69	20.9
16	**57.80**	8.40a.	28.6	1.10p.	98	23.1	**55.06**	3.00p.	23.5	3.50a.	77	20.9
17	58.40	9.30p.	30	11.50a.	**99**	22.4	55.56	2.00p.	23.4	5.55a.	75	21.3
18	59.14	9.00a.	31.8	1.25p.	97	23.4	56.40	2.25p.	23.6	5.55a.	69	21.2
19	58.20	8.20a.	33	2.05p.	97	23	55.30	2.55p.	23.2	4.30a.	61	21
20	59.20	8.25p.	33	1.25p.	98	22.7	55.80	1.55p.	24.2	5.55a.	59	20.6
21	60.40	9.15p.	29.6	9.20a.	97	22.8	57.70	3.05a.	23.2	3.55a.	70	20.4
22	59.75	0.05a.	28.3	11.20a.	98	22.9	56.71	4.00p.	23.4	4.15a.	81	20.9
23	59.40	9.25p.	30	10.10a.	98	23.3	56.45	3.10p.	23	3.55a.	71	20.9
24	60.54	9.00a.	30.3	1.25p.	**99**	24.1	57.45	1.40p.	23.7	5.30a.	74	**21.8**
25	61.45	10.40p.	32.3	0.05p.	98	22.7	57.40	3.10p.	23.2	5.55a.	**56**	19.4
26	**61.95**	8.50a.	32	11.20a.	97	22.2	**58.60**	3.15p.	22.9	5.40a.	59	19.6
27	60.90	8.55a.	30.7	10.55a.	97	22.5	57.84	5.00p.	21.8	4.40a.	64	19.2
28	59.65	10.25p.	32.5	2.25p.	**99**	23.3	56.59	3.00p.	**21.6**	5.55a.	69	**19.1**
29	60.65	10.55p.	31.4	3.35p.	97	21.7	57.90	3.25p.	22.9	5.55a.	64	19.9
30	60.49	9.00a.	29.7	3.30p.	98	**21.3**	57.60	3.15p.	22.5	5.10a.	68.5	19.9
31	59.15	9.05a.	30.2	0.35p.	97	22	55.90	4.20p.	23.2	5.55a.	74	20.5
Mean	759.75	----------	30.5	----------	97.4	22.9	756.71	----------	23	----------	69.8	20.2

DAILY GENERAL REMARKS.

1____Ω² early in the morning; ◸ NE and S in the afternoon; thundershowers in the evening.
2____◸° NE quadrant, ● in the afternoon; intense coloration of clouds at sunset.
3____d in the morning; ◟ NW and SSW in the evening; ● at night.
4____d in the morning and evening.
5____● in the morning; d in the evening.
6____◸° NNE, d in the afternoon.
7____Convergence of Ci. toward E in the morning; ◸° NW, d° in the afternoon.
8____d° in the afternoon.
9____≡°, ● in the morning.
10____d° in the afternoon.
11____Convergence of Ci. toward NW, ⊕° in the morning.
12____Light convergence of Ci. toward N in the morning; ◸° NE quadrant, ●° in the afternoon.
13____◸ SW, ●° in the afternoon; p° in the evening.
14____d° in the morning; ⊤ N in the afternoon.
15____●° in the forenoon; thundershowers in the afternoon.
16____d° in the morning; ●° during the night.
17____●² in the early morning; ● in the afternoon and evening.
18____Thundershowers in the afternoon; d at night.
19____Convergence of Ci. toward NW in the forenoon; ◟ SE in the evening.
20____Cloudy weather.
21____Slight convergence of Ci. toward N in the morning; heavy thundershowers in the forenoon and afternoon; ● at night.
22____● during the early morning; d in the afternoon.
23____● in the morning and at night.
24____≡°, d in the early morning and in the forenoon; ◸° S, ● in the afternoon; ◟° S in the evening.
25____◠ in the afternoon; ●° at night.
26____d° in the morning and afternoon.
27____●° in the forenoon and afternoon.
28____≡° in the morning; ●, ◸ N in the afternoon.
29____p° in the afternoon; d² at night.
30____≡° in the morning; ◸ E in the afternoon.
31____● in the morning, afternoon and at night.

OBSERVATIONS FOR NOVEMBER, 1916.

ATMOSPHERIC PRESSURE, 700mm+.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	56.75	56.85	56.30	56.25	56.20	56.50	57.16	57.30	**57.51**	57.15	56.68	56.16
2	56.30	56.30	56.30	56.25	56.45	56.76	57.59	57.86	58.05	58.08	57.63	56.68
3	58.50	58.10	57.80	57.60	57.80	58.31	58.89	59.24	59.28	59.04	58.49	58.08
4	58.90	58.30	58.10	58.10	58.15	58.65	59.09	**59.10**	**59.10**	58.99	58.29	57.72
5	57.75	57.20	57.10	57.05	57.25	57.90	58.41	58.76	**58.91**	58.73	58.38	57.55
6	57	56.65	56.40	56.35	56.70	57.29	57.74	58.07	**58.39**	58.29	57.88	57.15
7	56.95	56.65	56.25	56.25	56.50	56.97	57.47	58.06	**58.19**	57.92	57.43	56.87
8	56.80	56.45	56.15	56.20	56.30	56.79	57.50	57.92	58.50	58.39	58.14	57.64
9	58.45	58.05	58	58.05	58.10	58.54	58.87	59.37	59.56	59.43	59.23	58.77
10	59.65	59	58.80	58.75	58.80	59.26	59.76	59.89	**60.48**	60.24	59.74	58.80
11	58.80	58.35	58	57.95	58.10	58.61	59.26	59.58	59.99	59.95	59.65	59.19
12	59.20	58.80	58.55	58.55	58.80	59.40	60.06	60.68	60.89	**60.92**	60.70	60.14
13	60.15	59.85	59.45	59.35	59.60	60.11	60.64	60.94	**61.22**	60.95	60.67	60.09
14	60.10	59.70	59.15	59.30	59.55	59.84	60.34	60.67	**60.68**	60.34	59.88	59.28
15	**58.60**	58.10	58.05	57.65	57.20	57.78	58.13	58.45	58.41	57.94	57.54	57.08
16	56.70	56.35	56.15	56	56.25	56.64	57.12	**57.39**	57.17	56.90	56.20	55.57
17	56.30	56.15	55.70	55.80	56	56.56	57.14	57.26	57.35	57.25	56.78	56.33
18	57.50	57.25	57.15	57.25	57.40	58.09	58.80	59.14	**59.26**	59.08	58.54	57.90
19	58.25	57.80	57.45	57.60	57.95	58.48	59.10	59.40	**59.51**	59.24	58.89	58.25
20	58.40	58.15	57.35	57.25	57.35	57.57	58.39	58.86	58.94	58.98	58.64	58.05
21	58.20	57.65	57.85	57.85	57.80	58.16	58.40	59.24	**59.79**	59.61	59.15	58.58
22	59	58.70	58.20	58.20	58.45	58.87	59.40	**59.90**	59.81	59.75	59.36	58.78
23	58.75	58.20	57.70	58	57.85	58.31	58.81	59.18	**59.56**	59.46	58.99	58.41
24	58.65	58.25	58.10	58.15	58.15	58.71	59.05	59.47	**59.77**	59.65	59.15	58.44
25	58.15	57.65	57.25	57.65	57.60	58.01	58.52	**58.81**	58.64	58.45	57.78	57.10
26	56.60	56.25	56	55.80	56	56.36	56.76	56.80	**57.22**	56.95	56.39	55.59
27	56.35	55.80	55.60	55.65	55.75	56.13	56.68	**57.11**	57.05	57.01	56.45	55.75
28	56.10	55.80	55.55	55.50	55.75	56.30	56.79	57.30	**57.59**	57.09	56.95	56.13
29	56.15	55.90	55.75	55.90	56.30	56.65	57.46	58.03	58.39	58.11	57.56	56.75
30	58.25	57.95	57.80	57.75	58.10	58.60	59.13	59.67	**59.86**	59.32	58.86	58.16
Mean	57.91	57.54	57.27	57.27	57.41	57.87	58.42	58.78	**58.97**	58.77	58.33	57.70

TEMPERATURE (°C.).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	23.9	23.9	23.8	23.5	**23.4**	**23.4**	23.8	25.7	28.2	29.3	28	27.9
2	23.9	24	23.8	23.8	**23.5**	23.7	24.2	25.4	26.8	28	**29.8**	29.4
3	23.6	23.5	23.4	23.3	23.2	**23.1**	24	26.7	29.1	29	29.2	29.5
4	24.2	23.9	24.4	**23.7**	23.6	**23.5**	24.8	28.1	28.8	29.9	30.3	29.5
5	23.3	22.8	22.6	22.4	22.3	**22.2**	23.3	27	28.5	29.5	29.6	29.9
6	23.8	23.3	23.2	22.7	22.3	**22.2**	23.9	26.9	28.3	27.9	29.5	29.6
7	24.9	24.6	24.1	23.8	**23.5**	**23.5**	24.5	27.8	28.8	29.3	29.5	29.9
8	24.4	24.5	23.7	23.4	23.4	**22.7**	**24.5**	26.7	28.1	28.3	28.6	29.3
9	22.8	22.7	22.6	22.4	**22.3**	**22.3**	23.2	27	29.2	29.4	29.3	30
10	23.8	23.9	23.9	**23.9**	23.8	24	24.3	25.3	27.5	27.3	28	28.9
11	22.7	22.4	22.2	22.5	21.9	**21.8**	22.3	25	27.2	28.3	29.3	**30.1**
12	21.8	21.7	21.7	21.7	**21.6**	22.2	22.8	25.3	25.7	27.3	27.1	27.7
13	24.1	23.6	23.8	23.4	23.5	23.3	23.9	26.4	28.5	28	28.9	29.2
14	21.4	21.2	20.9	20.4	20.2	**20**	21.8	24.1	27	28.5	28.5	28.5
15	**22.6**	23.3	22.7	23.1	23.1	22.9	23.8	26.6	28.6	29.6	29.4	29.4
16	23.2	22.9	22.8	23	22.5	**22.1**	22.5	25.7	28.2	28.8	27.9	28.1
17	24.2	24.1	23.8	23.7	23.5	**23**	24	27	28.6	28.2	28.7	29.1
18	24.3	24.2	23.9	23.7	23.4	**23.3**	24.2	26	28.8	29.5	29.8	29.9
19	24.2	23.9	23.7	23.3	**23.1**	**23.1**	23.5	25	28	29.2	29.6	28.4
20	23.8	23.8	23.7	23.5	23.2	**23**	23.5	26	27.9	**29.5**	28.3	28.1
21	23.9	23.7	23.7	23.7	**23.6**	23.7	24.2	26	26.3	28.1	**29.2**	28.9
22	23.6	23.9	23.2	23	**22.5**	**22.5**	23.3	24.7	26.6	28.3	**28.4**	26.9
23	23.3	23.3	23.3	23.3	**23.2**	**23.2**	23.4	23.5	24.8	26.3	26.9	27.8
24	23.2	23.3	22.9	22.4	**22.2**	22.4	23.6	26	28	28.4	29.3	29.6
25	24.2	24	23.8	23.9	23.9	23.8	24.4	24.9	25.6	27.3	29.1	**30.9**
26	22.6	22.3	21.9	22.2	**21.8**	**21.8**	22.9	25.5	27.5	27.9	28.6	28.6
27	23	22.5	21.9	21.8	21.6	**21.5**	22.1	25.5	27.7	28.3	29.5	30.1
28	23.5	23.3	23.3	23	22.7	**22.6**	23.4	26	26.5	28.2	29.1	29
29	24.5	23.9	23.8	23.3	22.5	**22.2**	22.5	24.1	26.3	28.3	28.3	28.5
30	24	23	21.9	21.7	21.4	21.3	22.1	22.9	24.2	26.9	27.8	28.9
Mean	23.6	23.4	23.1	23	22.8	**22.7**	23.5	25.8	27.5	28.4	28.8	29.1

ATMOSPHERIC PRESSURE, 700mm+.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
55.65	**54.99**	55.01	55.14	55.59	56.05	56.58	56.95	56.90	57.05	57	56.85	56.44
56.04	55.53	**55.51**	55.56	56.15	56.82	57.47	58	58.35	58.45	58.75	**58.80**	57.07
57.88	56.87	**56.68**	56.77	57.22	57.43	57.89	58.70	59.15	**59.40**	59.05	58.80	58.21
56.96	56.20	**55.71**	55.86	56.16	56.54	57.04	57.80	58.25	58.45	58.30	58	57.82
56.42	55.67	55.32	**55.15**	55.29	55.47	56.30	56.65	57	57.40	57.45	57.30	57.10
56.44	55.64	55.38	**55.30**	55.68	55.96	56.49	57	57.40	57.55	57.55	57.30	56.90
56.14	55.56	55.02	**55.01**	55.20	55.58	56.09	56.60	57.25	57.30	57.20	57.05	56.65
57.17	56.49	**56.13**	56.25	56.38	56.59	57.23	57.90	58.40	58.75	**58.85**	58.60	57.31
57.92	57.37	56.87	**56.65**	57	57.38	57.99	58.70	59.10	59.65	**59.75**	59.70	58.44
58.25	57.82	57.46	**57.35**	57.50	57.67	57.98	58.60	59.10	59.20	59.20	59.10	58.85
58.55	58.15	**57.83**	57.85	57.97	58.59	59.21	59.80	59.90	**60**	**60**	59.60	58.95
59.30	58.69	**58.29**	58.40	58.56	58.89	59.60	60.10	60.35	60.65	60.60	60.50	59.61
59.34	58.70	**58.68**	58.85	59.03	59.46	60	60.30	60.65	60.65	60.55	60.45	**59.99**
58.45	58.19	57.77	**57.72**	57.92	58.48	58.71	59.15	60.10	59.75	59.35	59.25	59.32
56.58	56.12	**55.92**	55.97	56.25	56.52	57.09	57.35	57.60	57.40	57.25	56.95	57.33
54.85	54.18	**53.97**	54.13	54.48	54.89	55.52	55.90	56.50	56.65	56.65	56.50	55.94
55.58	54.79	**54.66**	54.91	55.36	56.09	56.72	57.10	57.55	**57.75**	57.70	57.60	56.43
56.84	56.33	**56.02**	56.22	56.66	57.23	58.61	58.50	58.65	58.95	58.75	58.50	57.86
57.27	56.90	57.08	**56.89**	57.29	57.74	58.40	58.80	58.85	59.05	58.80	58.60	58.23
57.09	56.95	**56.23**	56.59	57.75	57.70	57.89	58.45	58.85	58.90	**59.05**	58.50	58
57.79	**57.44**	57.63	57.80	58.14	58.65	59.05	59.30	59.60	59.50	59.45	59.25	58.58
58.04	57.29	**57.25**	57.59	58.36	58.94	59.04	59.25	59.35	59.40	59.20	58.85	58.79
57.60	57.39	56.94	**56.74**	57.18	57.76	58.54	59.10	59.20	59.40	58.95	58.70	58.36
57.72	56.95	56.62	**56.52**	56.87	57.07	57.72	58.15	58.55	58.60	58.40	58.35	58.21
56.49	56.25	56.04	**55.94**	56.24	56.69	56.77	57.10	57.45	57.40	57.25	56.90	57.34
54.99	54.66	**54.18**	54.30	54.95	55.45	55.65	55.95	56.40	56.50	56.45	56.45	55.94
54.89	54.64	**54.33**	54.42	54.69	55.47	56.02	56.05	56.30	56.60	56.55	56.50	**55.91**
55.32	54.94	**54.64**	55.04	55.24	55.67	56.24	56.50	56.90	56.90	56.65	56.45	56.14
55.93	**55.40**	55.48	55.64	56.37	56.99	57.56	58	58.55	58.60	**58.70**	58.65	57.03
57.55	57.19	**57.05**	57.18	57.68	58.42	58.90	59.40	59.60	59.70	59.60	59.45	58.55
56.97	56.44	**56.19**	56.26	56.64	57.07	57.61	58.04	58.39	58.52	58.43	58.25	57.71

TEMPERATURE (°C.).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
28.7	**30.1**	29.2	27.9	27.2	26.4	25.7	25.5	24.9	24.5	24.3	23.9	26
29.1	29.7	29.7	29.4	28.2	26.3	25.6	24.8	24.3	24	24.2	23.9	26.1
26.7	29	**30.5**	30.1	28	26.9	25.7	25.3	24.8	24.5	24.4	24.1	26.2
31	**31.2**	30.8	29.7	28.6	26.9	25.7	25.6	25.6	25.2	24.7	23.9	**26.8**
30.4	30.1	**30.4**	**30.4**	28.1	26.3	26	25.6	25.1	24.4	24.4	24.6	26.2
30.2	**30.8**	30.6	29.8	28	27.3	27.3	26.8	26	25.9	25.2	24.9	26.5
30.3	30	**30.3**	29.5	28.3	27.8	27.4	26.9	26.3	25.5	25	24.6	**26.9**
29.6	30.2	**30.9**	30	28	26.8	26.9	26.7	24.7	24.1	23.6	23.3	26.4
30.1	30.1	30.6	**31.1**	29.3	27.1	27.1	26.8	26.3	26.1	24.5	24	26.5
28.4	**29.3**	28.9	27.7	26.6	25.2	24.6	24	23.7	23.6	23.6	**22.9**	25.5
28	28	29.5	28.3	26.6	24.7	24	23.5	22.8	22.4	22.2	21.9	24.9
27.4	27.7	**29.7**	28.3	27.1	26	25.4	24.2	24	23.7	23.7	24	24.9
29.3	29	27.9	29	27	25.1	23.9	22.8	22.7	22.5	21.8	**21.2**	25.4
29.1	27.6	28.4	28.9	27.5	26.5	24.7	23.8	24	23.5	23	22.5	24.7
29.7	29.3	29.6	29.2	27.6	26.7	26.1	24.5	24	23.3	23.1	23	25.9
28.6	**29.6**	29.2	29	27.8	27	26.8	26.8	25.8	24.6	24.5	24.4	25.9
29.5	30.1	**30.5**	30.2	28.4	27.3	27.2	26.9	26.3	25	24.6	24.3	26.6
30.2	30.5	**30.8**	29.7	28.4	27.5	25.7	25.3	25.4	25.3	25.1	24.6	26.6
29.7	29.3	26.5	26	25.6	25	24.6	24.4	24.3	24.5	24.2	24	25.5
28.5	27.7	28.5	27	26.5	25.6	25.2	24.6	24.5	24.6	24.4	24.3	25.7
29.1	28.9	26.5	24.6	24.6	24.7	24.5	24.4	24.5	24.4	24.2	24	25.4
26.6	27.3	27.4	25.5	24.4	24.1	23.6	23.2	23.3	23.2	23.2	23.3	24.7
27.4	28.7	29.1	**29.3**	27.4	25.9	25.1	24.7	24.2	24.3	23.9	23.6	25.2
29.7	30.3	**30.7**	27	27.4	26.2	25.9	24.8	24.8	24.6	24.5	24.5	25.9
29.2	25.4	25.8	25.8	25.7	24.5	24.2	23.9	23.6	23.4	22.9	**22.8**	25.1
30	27.8	29.7	28	27.2	25.5	24.4	23.8	23.3	22.9	22.9	23.3	25.1
30.8	29.5	28.3	29.4	28.3	26.4	24.5	24.5	24.3	24	23.8	23.6	25.5
28.9	28.9	**30.1**	25.8	25.6	25.3	25.2	25	24.9	24.6	24.5	24.6	25.6
29.3	**30.6**	29	27.7	26.3	25.1	24.6	24.4	24.6	24.7	24.5	24.3	25.6
29.5	28.2	27.2	26.7	25.1	23.6	22	21.3	20.8	**20.4**	21.2	**20.4**	**23.9**
29.2	**29.2**	**29.2**	28.4	27.2	26	25.3	24.8	24.5	24.1	23.9	23.6	25.7

RELATIVE HUMIDITY (%).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	97	96	97	97	97	97	97	90	74	70	79	76
2	97	96	97	96	97	96	95	91	83	77	71	72
3	95	94	96	95	96	97	94	83	74	74	76	72
4	94	97	91	96	96	96	90	74	71	66	70	71
5	91	95	96	95	95	96	94	78	75	70	69	68
6	94	97	97	98	99	98	92	80	79	80	73	70
7	92	92	95	96	96	95	93	80	78	75	73	75
8	91	88	94	94	91	96	87	77	74	74	75	72
9	96	95	95	96	96	96	94	80	71.5	73	74	71
10	97	97	97	97	97	97	97	93	80	81	79	76
11	96	97	97	95	96	96	96	87	71	66	64	59
12	96	95	96	95	97	94	89	80	81	73	77	73
13	79	82	81	82	80	83	81	70	62.5	65	65	63
14	90	90	92	94	94	95	87	77	70	62	63	66
15	89	84	88	84	83	84	79	71	66	64	60	61
16	87	87	89	88	89	91	91	79	70	69	72	70
17	93	94	96	96	96	97	94	83	75	79	75	74
18	91	91	93	94	95	95	93	87	76	71	73	73
19	94	95	95	95	96	96	97	92	77	75	72	77
20	97	97	97	96	96	97	97	89	84.5	76	82	79
21	96	97	97	96	95	94	94	88	83	76	72	73.5
22	95	94	96	95	97	96.5	94	90	80	74	73	82
23	97	97	97	96	96	96	96	96	90	83	83	80
24	95	95	95	96	96	95	90.5	82	77	74	69	69
25	97	97	96	96	94	95	91	86	86	82	73	65
26	97	97	98	96	97	97	94	84	76	80	75	74
27	94	95	96	96	96	97	94	77	70	70	68	62
28	96	96	96	97	98	98	96	86	87	77	76	78
29	89	90	89	91	90	91	92	87	76	66	68	65
30	80	83	88	87	86.5	84	79	74	72	62	61	51.5
Mean	93.1	93.3	94.2	94.2	94.2	94.5	91.9	83	76.3	72.8	72	70.6

VAPOR PRESSURE (mm).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	21.3	21.1	21.2	21	20.8	20.8	21.2	22.1	21.2	21.1	22.1	21.1
2	21.3	21.2	21.2	20.9	21	20.8	21.3	21.9	21.8	21.7	22.2	22.1
3	20.5	20.2	20.4	20.1	20.2	20.3	20.8	21.5	22.2	22	23	22.2
4	21.1	21.3	20.8	20.8	20.7	20.6	20.9	21	20.8	20.7	22.3	21.7
5	19.4	19.5	19.5	19.1	18.9	19	20	20.7	21.8	21.3	21.1	21.3
6	20.6	20.5	20.4	20.1	19.9	19.5	20.3	20.9	22.5	22.3	22.4	21.5
7	21.4	21.2	21.1	20.9	20.6	20.4	21.3	22.2	23	22.7	22.4	23.4
8	20.6	20.1	20.5	20.1	19.5	19.6	20	20.1	21	21.1	21.7	21.7
9	19.7	19.4	19.3	19.2	19.3	19.1	19.8	21.1	21.5	22.2	22.5	22.5
10	21.3	21.3	21.5	21.3	21.2	21.4	21.8	22.2	21.8	21.9	22.1	22.5
11	19.6	19.6	19.3	19.2	18.8	18.5	19.3	20.4	19.1	18.9	19.3	18.8
12	18.5	18.2	18.4	18.2	18.6	18.6	18.5	19.1	19.8	19.5	20.4	20.3
13	17.7	17.8	17.6	17.5	17.3	17.6	17.9	18	18	18.2	19.2	19
14	17	16.8	16.8	16.8	16.6	16.6	17	17.1	18.4	17.9	18.3	19
15	18.2	17.8	18	17.6	17.4	17.5	17.3	18.3	19.3	19.7	18.2	18.6
16	18.4	18	18.3	18.3	18.1	18	18.4	19.4	20	20.4	20.2	19.8
17	20.9	21	20.9	20.8	20.6	20.3	20.8	21.9	21.7	22.4	22.1	22
18	20.5	20.5	20.5	20.5	20.3	22.1	20.9	21.7	22.4	21.7	22.8	22.7
19	21.1	20.9	20.6	20.1	20.1	20.1	20.7	21.6	21.7	22.6	22.1	22.3
20	21.3	21.3	21	20.6	20.2	20.2	21	22.1	23.6	23.2	23.3	22.2
21	21.1	21	21	20.8	20.5	20.5	21.1	21.9	21.2	21.4	21.8	21.7
22	20.5	20.7	20.2	19.8	19.7	19.5	20	20.8	20.6	21.1	21	21.6
23	20.5	20.5	20.5	20.3	20.2	20.2	20.4	20.6	20.9	21.2	21.7	22.2
24	20	20.1	19.6	19.2	19	19.1	19.6	20.6	21.5	21.2	20.9	21.3
25	21.7	21.4	20.9	21.1	20.7	20.8	20.8	20.1	21	22.1	21.8	21.5
26	19.8	19.5	19.2	19	18.9	18.9	19.5	20.3	20.8	22.3	21.9	21.5
27	19.6	19.2	18.8	18.7	18.5	18.5	18.5	18.6	19.5	20.1	20.8	19.8
28	20.6	20.3	20.3	20.3	20.1	20	20.4	21.5	22.4	22	22.7	23.3
29	20.3	19.8	19.4	19.4	18.3	18.1	18.6	19.5	19.4	18.9	19.3	18.8
30	17.7	17.3	17.3	16.7	16.4	15.9	15.6	15.3	16.2	16.3	17	15.2
Mean	20.1	19.9	19.8	19.6	19.4	19.4	19.8	20.4	20.8	20.9	21.2	21.1

RELATIVE HUMIDITY (%).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
71	69	74	83	83	86	91	89	92	93	94	97	87
75	71	71	70	74	79	81	88	90	92	93	95	85.3
89	78	68	71	81	83	90	93	94	95	94	96	86.6
65	65	65	63	66	72	79	81	81	84	86	88	79.5
66	69	66	69	77	87	87	88	92	94	94	92	83.5
68	62	67	69	79	83	84	86	88	87	92	92	83.9
71.5	69	72	74	75	76	81	83	85	84	85	90	82.7
70	58	57	62	70	74.5	75	77	89	90	92	93	80
72	71	67	66	76	86	84	87	88	85	96	97	83.9
78	74	76	83	84	92	92	94	94	94	94	97	89.2
69.5	68	60	63.5	74	83	85	86	90	92	94	95	82.5
73	69	58	63	65	69	71	79	81	83	83	80	80
64	67.5	68	62	67.5	74	81	86	87	87	91	95	76
61	70	66	60	64	68	77	82	82	85	89	90	78.1
61	64	61	63	68	68	71	82	84	88	87	88	74.9
68	66	70	72	77	82	83	82	87	94	95	95	81.4
68.5	64	63	65.5	71	78	78	80	84	90	91	91	82.3
71	68	64	69	79	81	90	94	93	93	92	95	84.2
70	75	90	92	95	97	97	98	97	97	97	97	90.1
78	81.5	77.5	86.5	91	93	94	97	97	96	96	95	90.4
72	73.5	78	92	93	93	93	94	94	93	95	95	88.6
88	87	78	88	94	96	96	97	97	97	97	97	90.8
83	77	74	68	79	84	88	89	92	90	91	93	88.1
68	66	67	90	87	94	93.5	95	95	96	96	95	86.5
69	91	91	91	91	94	93	94	95	95	97	97	89.8
69	82	64	70	78	84	89	91	93	95	93	93	86.1
61	69	72	71	76	81	94	93	95	97	97	96	84
78	80	67.5	83	88	92	90	92	92	93	90	91	88.2
61	59	65	74	82	84	88	85	82.5	82	79	82	79.9
47	56	57	56	64	72	81	84	84	86	77	81	73
70.2	70.6	69.1	73	78.3	82.8	85.9	88.2	89.8	90.9	91.6	92.6	83.9

VAPOR PRESSURE (mm).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
20.6	21.8	22.2	23.2	22.2	22	22.3	21.7	21.4	21.3	21.2	21.3	21.5
22.4	22	22	21.4	21.2	20.2	19.7	20.5	20.3	20.4	20.9	20.9	21.2
23.1	23.1	22.2	22.6	22.7	22	22.1	22.2	21.9	21.7	21.3	21.4	21.7
21.6	21.9	21.3	19.6	19.3	18.9	19.4	19.7	19.7	20.1	19.8	19.4	20.6
21.4	21.8	21.4	22.3	21.8	22.1	21.7	21.4	21.7	21.3	21.3	21.3	20.9
21.6	20.4	21.7	21.6	22.3	22.3	22.5	22.6	21.9	21.6	21.8	21.4	21.4
22.9	21.7	23.2	22.6	21.5	21	21.8	22	21.6	20.5	20	20.7	21.7
21.5	18.4	18.9	19.7	19.7	19.5	19.6	19.9	20.6	20	19.9	19.8	20.1
22.9	22.6	21.9	22.3	22.9	22.8	22.4	22.8	22.3	21.4	21.9	21.4	21.4
22.4	22.5	22.4	22.9	21.8	21.8	21.1	20.8	20.5	20.3	20.3	20.2	21.6
19.5	18.9	18.4	18.2	19.1	19.1	18.8	18.5	18.6	18.5	18.6	18.5	19
19.7	19.1	18.1	18	17.4	17.2	17.2	17.8	17.9	18.1	18.1	17.7	18.5
19.5	20	19	18.3	17.8	17.6	17.9	17.7	17.8	17.6	17.7	17.7	18.1
18.3	19.4	18.9	17.8	17.4	17.4	17.8	18	18.2	18.2	18.5	18.3	17.8
19.1	19.3	18.9	19	18.6	17.7	17.9	18.6	18.6	18.7	18.3	18.3	18.4
19.7	20.3	21.1	21.5	21.4	21.7	21.6	21.4	21.5	21.6	21.7	21.6	20.1
20.9	20.4	20.3	20.9	20.4	20.9	20.8	20.9	21.3	21.2	20.8	20.6	21
22.5	22.2	21.2	21.5	22.7	22.2	22.1	22.6	22.5	22.3	21.9	21.8	21.8
21.6	22.7	23	22.9	23.2	22.8	22.4	22.3	22	22	21.7	21.6	21.8
22.6	22.4	22.4	22.9	23.4	22.5	22.4	22.2	22	22	21.7	21.4	22
21.6	21.7	20	21.2	21.4	21.5	21.3	21.3	21.5	21.2	21.3	21	21.2
22.6	23.5	21.3	21.3	21.3	21.4	20.7	20.6	20.7	20.6	20.6	20.5	20.9
22.5	22.5	22	20.6	21.4	20.8	20.9	20.6	20.7	20.3	20.1	20.1	20.9
21	21.2	21.8	24	23.7	23.6	23.2	22.1	22.1	22	21.9	21.7	21.3
20.7	21.9	22.4	22.4	22.3	21.5	20.9	20.7	20.5	20.3	20.2	20.1	21.2
21.8	22.6	19.8	19.7	20.8	20.5	20.2	19.8	19.8	19.6	19.3	19.8	20.2
20.1	21.2	20.7	21.6	21.7	20.7	21.5	21.3	21.4	21.4	21.3	20.7	20.2
23.2	23.6	21.4	20.5	21.6	21.9	21.4	21.6	21.4	21.4	20.5	20.8	21.4
18.5	19.3	19.3	20.5	20.9	20	20.3	19.3	18.9	18.9	18.1	18.4	19.3
14.5	15.8	15.2	14.7	15.1	15.5	15.8	15.8	15.4	15.3	14.4	14.5	15.8
21	21.1	20.7	20.9	20.9	20.6	20.6	20.6	20.5	20.3	20.2	20.1	20.4

CLOUDS—FORM AND DIRECTION.

Day.	8 a.		9 a.		10 a.		11 a.		Noon.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1	----------	Cu.-N.	Ci.-S.	Cu. ENE	Ci.	Cu. ENE	Ci.-S.	N.-cf. ENE	----------	Cu.-N.
2	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu. E	Ci.	Cu. E	----------	Cu. E
3	Ci.	Cu.	Ci.	Cu. E	Ci.	Cu. E	Ci.-S.	Cu. E	----------	Cu.
4	A.-Cu.	Cu. ENE	----------	Cu.	----------	Cu.	----------	Fr.-Cu.	----------	Cu.
5	Ci.	Cu.	----------	Cu. E	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.
6	Ci.	Cu.	Ci.	Cu. NW	Ci.	Cu. NW	Ci.	Cu. NW	Ci.	Cu.-N.
7	Ci.	Cu.	----------	Cu.-N. E	----------	Cu. E	----------	Cu.	Ci.	Cu.
8	Ci.	Cu.	Ci.	Cu. NE	----------	Cu. NE	Ci.	Cu.	Ci.	Cu.
9	Ci.	Cu.	Ci.	Cu.	----------	Cu. NE	Ci.	Cu. E	Ci.	Cu. E
10	A.-Cu.	Cu. ENE	Ci.-S.	Cu. NE	Ci.-S.	N.-cf. NE	Ci.-S.	Cu. NE	Ci.-S.	Cu. NE
11	Ci.	Cu.	Ci. NE	Cu.	Ci.	Cu. E	Ci.	Cu.	----------	Cu. E
12	----------	S.-Cu. ENE	----------	N.-cf. EbyN	----------	N.-cf. EbyN	----------	N.-cf. EbyN	----------	N.-cf.
13	----------	Cu. E	----------	Cu. E	----------	N.-cf. E	----------	N.-cf. E	----------	N.-cf.
14	----------	Cu.	----------	Cu.	----------	Cu.	A.-Cu.	Cu. ENE	A.-Cu.	Cu. ENE
15	Ci.	Cu.	Ci.	Cu.	----------	Cu.	----------	Cu. ENE	----------	Cu. ENE
16	Ci.	----------	Ci.	Cu.	Ci. SW	Cu.	Ci.	Cu.	Ci.	Cu.
17	Ci.	Cu.	----------	Cu. E	Ci.	Cu.	Ci.	Cu.-N.	Ci.	Cu.-N.
18	Ci.	Cu.	Ci.	Cu. N	Ci.	Cu.	Ci.	Cu.	Ci.	Cu. N
19	A.-Cu. E	Cu. ESE	A.-Cu. E	Cu. ESE	Ci.	Cu. ESE	Ci.	Cu. ESE	Ci.	Cu.-N. ESE
20	Ci.	Cu.	Ci.	Cu. ENE	----------	Cu. ENE	----------	N.-cf. E	----------	Cu.-N. E
21	A.-Cu.	Cu.-N. ESE	A.-Cu.	N.-cf. ESE	A.-Cu. E	Cu. ESE	Ci.-S.	Cu. SE	Ci.-S.	Cu. SE
22	Ci.-S.	S.-Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	N.-cf. E	Ci.-S.	N.-cf. E
23	----------	N. E	Ci.-S.	Cu.-N. SE	Ci.-S.	Cu. SE	Ci.-S.	Cu.-N. SE	----------	Cu.-N.
24	Ci.-S. ENE	Cu.	Ci.-S.	Cu. E	Ci.-S.	Cu. E	Ci.	Cu. E	Ci. NE	Cu.-N. E
25	A.-Cu.	S.-Cu. E	Ci.-S.	Cu. E	Ci.-S.	Cu.	Ci.-S.	Cu.	A.-Cu.	Cu.-N. E
26	Ci.	Cu. NE	Ci.	Cu. NE	Ci.	Cu.	Ci.	Cu.-N. NE	----------	N.-cf. NE
27	Ci.	Cu.	Ci.	Cu.	----------	Cu.	Ci.	Cu.	Ci.	Cu.
28	A.-Cu.	S.-Cu.	A.-Cu.	Cu. NE	A.-Cu.	Cu. NE	A.-Cu.	N.-cf. NE	A.-Cu.	Cu.-N. NE
29	Ci.-S.	Cu.	Ci.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.
30	Ci.-S. NE	Cu.-N.	Ci.-S. NEbyE	S.-Cu.	Ci.-S. NEbyE	Cu.	Ci.-S.	S.-Cu.	Ci.-S.	Cu. NE

Day.	1 p.		2 p.		3 p.		4 p.		5 p.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1	----------	Cu.-N.	----------	Cu.-N. E	----------	Cu.-N. E	Ci.-S.	Cu.-N. E	A.-Cu.	Cu.-N.
2	----------	Cu. E	----------	Cu.	Ci.-Cu.	Cu. E	----------	Cu. E	Ci.-S.	Cu. E
3	----------	Cu.-N.	----------	Cu.	----------	Cu. E	----------	Cu. E	Ci.-Cu.	Cu.-N. E
4	----------	Cu. ENE	----------	Cu. ENE	----------	Cu. ENE	----------	Cu. ENE	Ci.	Cu. ENE
5	Ci.	Cu. ENE	Ci.	Cu. NE	Ci.	Cu. NE	Ci.	Cu. NE	Ci.	Cu.
6	Ci.	Cu.-N.	Ci.	Cu.	----------	Cu.	----------	Cu.	----------	Cu.
7	Ci.	Cu.	----------	Cu.	----------	Cu.	----------	Cu.	Ci.	Cu.
8	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.
9	Ci.	Cu. E	Ci.	Cu. ENE	Ci.	Cu. ENE	A.-Cu.	Cu. ENE	A.-Cu.	N.-cf. NE
10	Ci.-S.	Cu.	----------	Cu.-N. NE	----------	N.-cf. NE	----------	S.-Cu. NE	Ci.-S.	S.-Cu.
11	A.-Cu.	Cu. E	A.-Cu.	Cu. E	Ci.-S.	Cu. ENE	Ci.	Cu.	Ci.	Cu. ENE
12	----------	N.-cf. E	----------	Cu. E	----------	Cu. E	----------	Cu. E	----------	S.-Cu. E
13	----------	N.-cf. E	A.-Cu.	Cu.-N. E	A.-Cu.	Cu. E	A.-Cu.	Cu.-N. E	A.-Cu.	S.-Cu. E
14	A.-Cu.	Cu. ENE	----------	Cu.-N. E	----------	Cu.	----------	Cu.	----------	S.-Cu. E
15	----------	Cu.-N. ENE	Ci.	Cu. NE	Ci.	Cu. NE	Ci.	Cu. NE	Ci.	S.-Cu.
16	Ci.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.	Cu. NE	----------	S.-Cu. NE
17	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.
18	Ci.	Cu.-N.	Ci.	Cu.-N.	----------	Cu.-N.	----------	Cu.-N.	Ci.	Cu.-N.
19	----------	Cu.-N. E	----------	Cu.-N. E	----------	Cu.-N. E	----------	Cu.-N.	----------	S.-Cu.
20	----------	N.-cf.	----------	Cu.-N. E	----------	Cu.-N. E	----------	Cu.-N. E	----------	Cu.-N.
21	Ci.-S.	Cu.	Ci.-S.	Cu.-N. ESE	----------	Cu.-N. ESE	----------	S.-Cu.	Ci.-S.	S.-Cu.
22	----------	N.-cf. E	Ci.-S.	Cu.-N. E	Ci.-S.	Cu.-N. E	----------	N.	----------	N.
23	Ci.-S.	Cu.-N.	Ci.-S.	Cu.-N.	Ci.-S.	Cu.-N.	Ci.-S.	Cu.-N.	Ci.-S.	Cu.
24	Ci. NE	Cu.-N.	Ci.	Cu. F	Ci.-S.	Cu.-N. E	Ci.-S.	Cu. E	Ci.-S.	N.-cf. E
25	A.-Cu.	Cu.-N. E	----------	N. F	A.-Cu.	N. E	A.-Cu.	Cu.-N. E	A.-Cu. NE	Cu.
26	Ci.	Cu. NE	----------	Cu.-N. NE	Ci.-S.	Cu. NE	A.-Cu.	Cu. NE	A.-Cu.	S.-Cu. NE
27	Ci.	Cu.	A.-Cu.	Cu. NE	----------	Cu.	Ci	Cu.	----------	Cu.-N.
28	A.-Cu.	Cu.-N. NE	----------	Cu. ENE	----------	Cu. NE	----------	N.	----------	Cu.-N.
29	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.
30	Ci. NNE	Cu. NE	----------	Cu. NE	----------	Cu. NE	Ci.-S.	Cu. ENE	Ci.	S.-Cu.

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	NNE 0.5	NNE 1	NE 2	NNE 2	NE 2	Calm	Calm	Calm	Calm	ESE 2	NW 2	WNW 2.5
2	Calm	Calm	NE .5	Calm	Calm	Calm	Calm	Calm	Calm	Calm	WSW 3.5	WSW 2
3	NNE .5	N .5	N 2	N 2	Calm	Calm	Calm	Calm	WSW 0.5	WNW 4.5	WNW 2	WSW 2.5
4	Calm	NNE .5	N 1.5	Calm	Calm	NNE 1	ENE 1.5	NNE 0.5	WSW .5	E .5	SSW 1	SW 1
5	Calm	Calm	Calm	Calm	E 1.5	Calm	Calm	N 2	W 2.5	NW 3	WNW 3	W 3.5
6	SSE .5	Calm	SSE .5	Calm	Calm	Calm	Calm	Calm	ENE .5	WNW 1.5	WNW 4	W 1
7	Calm	SE 2	SE 1	SE .5	ENE 1	Calm	Calm	SE 1.5	SE 1	S 2	SW 1.5	SW 3.5
8	Calm	NNE 1	NE 1	Calm	NE 2	Calm	N 1.5	NNE 1	NNW 1.5	WSW 4	WSW 3	WSW 2
9	Calm	NE .5	NE .5	NE .5	NE .5	NE .5	NE 1	Calm	NE .5	W .5	WNW .5	W 1.5
10	Calm	ENE .5	Calm	E .5	E .5	E .5	Calm	Calm	Calm	WSW 2	SW 2	SW 2
11	NNE .5	Calm	NE .5	NE 1.5	NE 1	Calm	Calm	NE .5	Calm	SW 1	SW 1.5	NE 2
12	Calm	NNW .5	NNW 1	NE 1	Calm	NE 1	NNE 2	NE .5	NNE 1	NE 1	N 2	NNE 2
13	NNE 2	NE 2	NNE 2	NNE 2.5	NNE 2.5	N .5	N 2	N 3.5	N 3	NW 1	W 1	S 1.5
14	NW 2	NNW 1.5	N .5	Calm	Calm	Calm	NNW 3	Calm	Calm	WSW 1	WSW 1.5	SW .5
15	NNE 2.5	N 2.5	NNE 1	NNW 3	NNW 3.5	N 2	N 3.5	N .5	N 1.5	N 3.5	NNE 5	NNE 3
16	Calm	Calm	Calm	Calm	NE .5	NE .5	Calm	Calm	NW 3.5	WNW 2	WNW 5	WNW 2.5
17	E 1	Calm	Calm	Calm	Calm	Calm	Calm	NE .5	NE .5	W 2	W 3	W 4.5
18	Calm	Calm	NE 1.5	NE 1.5	Calm	Calm	Calm	N 2	NNW .5	NNW 2.5	W 3	SW 3
19	ENE 1	N 1	NNE 1	Calm	NE 1	Calm	Calm	Calm	WSW 1	WSW 1	WSW 1.5	W 2
20	Calm	Calm	NNE 1.5	NNE 2	Calm	Calm	Calm	Calm	E .5	E .5	WNW .5	WNW 4.5
21	Calm	Calm	Calm	Calm	N 1	NNE .5	Calm	NW 1.5	Calm	Calm	WSW 1.5	WNW 2.5
22	Calm	Calm	Calm	NNE 1	Calm	Calm	Calm	Calm	NNW .5	NNW 1	WNW 4	Calm
23	N 2	N 3.5	NNE 1.5	NNE 1.5	NNW 2	N .5	NE 1	Calm	Calm	Calm	WNW .5	WNW 3.5
24	Calm	E 1	NNE 1.5	Calm	ENE 1.5	NNE 1	Calm	Calm	WNW 2.5	W 2.5	WNW 1.5	WNW 4
25	Calm	Calm	Calm	Calm	N 1.5	Calm	N 1	N 1.5	NE .5	Calm	NE .5	ENE .5
26	ENE 1	Calm	NNE 1.5	NNE .5	NNE 1	NEbyE 1.5	NEbyE 1	NNW 1	Calm	WSW 1	WSW .5	WNW 5
27	NNE 1	Calm	Calm	Calm	Calm	Calm	ENE .5	Calm	NW 2.5	NW 5	W 4.5	NW 1
28	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	SW 1	WSW 1.5	WSW 1	SW 1.5
29	N 1.5	NNW 2	N 1.5	NNE 1.5	Calm	NNW 1	Calm	NE .5	N .5	NW 2.5	WNW 7	W 6.5
30	NNW 2	NE 1.5	NNE 1	NNW 1	Calm	N 2	NNW 1.5	NNE .5	N 1	NW 2.5	NNE 3	NNW 7
Mean	0.6	0.7	0.8	0.8	0.8	0.4	0.6	0.6	0.9	1.7	2.4	2.6

Day.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Mid-night.	Mean.
1	WNW 4	SW 0.5	Calm	Calm	Calm	Calm	Calm	Calm	Calm	ENE 1	Calm	Calm	0.8
2	S 2.5	SSW 2.5	SW 2	Calm	Calm	ENE 2	ENE 1.5	Calm	ENE 0.5	NNE 1	NNE 1.5	NE 0.5	.8
3	ENE 3	Calm	Calm	WNW 0.5	Calm	N .5	Calm	Calm	ENE .5	Calm	Calm	Calm	.8
4	WSW 1	SW 2.5	SSW 1	Calm	NNW 2	NNE 1	Calm	Calm	SE 2.5	SE 2	SE 1	Calm	.9
5	W 4	WNW 4.5	WSW 5	SSW 2.5	S .5	S .5	SSE 1.5	SSE 2	SE 1	Calm	Calm	Calm	1.5
6	WSW 3.5	WSW 2	WSW 3	SW 4.5	SW 2.5	SW 2.5	SW 2	S 2.5	SSE 2.5	SE 3.5	SE 2	SE 2	1.7
7	SW 1.5	WSW 4	WSW 2.5	SW 6	SW 4.5	SW 4	SSW 2	S 2	NNE 3.5	NE 4	NE 4	NE 2	2.2
8	WSW 4	W 1	W .5	SW 2	SW 2.5	SW 2.5	SW 1	SW 2	Calm	NE .5	Calm	Calm	1.4
9	WSW 2	W 2	WSW 3	Calm	Calm	Calm	SSW .5	NE .5	Calm	ENE .5	NE 3	WNW 2	.8
10	SSW .5	SW 1	SW 1	SE .5	SE 1	E .5	Calm	Calm	SSE .5	SE 1.5	SE 1.5	Calm	.7
11	Calm	NE 3	NE 3	NNE 5	ENE 1	NE .5	Calm	ENE 1	Calm	Calm	Calm	Calm	.9
12	NNE 4.5	NE 3	NE 4	N 4.5	N 3.5	N 2	NbyE 3	NNE 2	NNE 1	NEbyN .5	NNE .5	NNE 1	1.7
13	S .5	Calm	NE 1	N 3.5	NNW 2.5	N 2	Calm	Calm	Calm	NW .5	NW .5	Calm	1.4
14	WSW 2.5	NW .5	NE 4.5	NE 2.5	NNW 2	NNE 1.5	NNW 2.5	Calm	E 1	Calm	ENE .5	Calm	1.1
15	NNE 8	NNE 4.5	NNE 4.5	NNE 4	NE 3	NNE 3.5	NNE 1	Calm	Calm	NE .5	NE .5	Calm	2.5
16	WNW 5	SW 2.5	SW 2	SW 3.5	SW 5	SW 4.5	SW 2.5	WSW 2.5	ENE 2.5	Calm	Calm	Calm	1.8
17	W 4.5	WSW 3.5	WSW .5	WSW 2	WSW 1	SW 2	SW 3.5	S 2	S .5	Calm	Calm	Calm	1.3
18	SW 2.5	SW 2	SW 1	SSW 2	SSW 3.5	SbyW 2	SE 1	Calm	Calm	Calm	Calm	Calm	1.2
19	WSW 4	W 1	Calm	NNE .5	NE .5	Calm	Calm	Calm	Calm	NNE 1.5	Calm	Calm	.7
20	Calm	SSW 1.5	SW 2	WSW 1	Calm	Calm	Calm	Calm	N 1	Calm	Calm	Calm	.6
21	W 1	Calm	ENE 7	Calm	Calm	Calm	Calm	NE .5	Calm	Calm	Calm	Calm	.6
22	NE .5	Calm	N 2	NNE 3.5	NE 1.5	Calm	Calm	Calm	Calm	Calm	NNW 1.5	NNW 1.5	.7
23	WNW 3	NW 3	NNE 1	E 2.5	Calm	ESE 1	Calm	E .5	Calm	ESE 2.5	E 1.5	Calm	1.3
24	WNW 1.5	WNW 1.5	NW 4	Calm	WNW .5	Calm	NE 2	NNW 1	Calm	Calm	Calm	Calm	1.1
25	NNW 5.5	SE 4	ENE 1.5	Calm	Calm	ESE .5	SE 1	SE 1.5	SE .5	Calm	Calm	Calm	.8
26	WNW 2	Calm	NNE 3.5	NE 2.5	NE .5	ENE .5	NE .5	ENE .5	Calm	Calm	Calm	Calm	1
27	NW 5	WSW 3	W 2	SW 3	SW 1	NNW 6.5	SSW 3.5	Calm	Calm	Calm	Calm	Calm	1.6
28	W 4.5	WSW 1.5	NE .5	NE 4.5	E .5	Calm	Calm	ESE .5	ENE .5	NNE 1	N 1.5	NNW 2	.9
29	W 4.5	NW 3.5	W 1	S .5	Calm	SSE .5	Calm	ESE 1.5	NNE 1	WNW 2.5	NNW 2	NNW 1.5	1.8
30	NNE 3	NE 2	NNE 2.5	NNE 3.5	NNE 3	NNE 1	ENE 1.5	ENE 1.5	NNW 1	NE 1.5	NNW 2	NE 2	2
Mean	2.9	2	2.2	2.2	1.4	1.4	1	0.8	0.7	0.8	0.8	0.5	1.2

WIND—VELOCITY IN KILOMETERS PER HOUR.

Day.	Mdt.-1 a.	1-2 a.	2-3 a.	3-4 a.	4-5 a.	5-6 a.	6-7 a.	7-8 a.	8-9 a.	9-10 a.	10-11 a.	11-Noon.
1	0.5	2	3	9.5	6.5	2	1	1	3	7	**12.5**	11
2	2.5	3.5	3	2	3	4	2.5	1.5	3.5	3.5	7.5	**12.5**
3	4	2.5	1.5	4.5	4	1.5	0	0	.5	4	**14.5**	11.5
4	0	.5	2.5	2	0	0	4.5	1	0	2.5	7	10
5	1.5	2	2	3	5.5	4	3.5	3.5	3	8	**16**	**16**
6	2	3	4	3	2	2	1.5	4.5	7	5	13	13.5
7	4.5	4.5	4.5	4	4.5	3.5	3.5	4	5	3.5	10.5	11
8	3	1.5	1.5	2	2	1	0	6	5	7	10.5	11.5
9	2.5	4	4	4	3.5	4.5	4	3	2	4	9	12
10	0	1	1	2	1	2	4.5	1.5	2	3	6	7.5
11	4.5	2.5	2.5	4.5	6	5.5	3.5	3.5	2	5.5	8.5	6.5
12	.5	2.5	1.5	3	1	1	2	5.5	7	7.5	10.5	10
13	4	4.5	5	7	6	4.5	7.5	10	**10.5**	5.5	3	7
14	2.5	4	3.5	.5	0	0	3	4	2	1	8	12
15	4.5	7	5	7	10	12	9	11	9.5	15.5	24	20
16	.5	1	0	0	0	1	0	0	3	9	17	14
17	4.5	1	1	2.5	1.5	2	3	4	4.5	6	13	**14**
18	2	2	3	5	4	4	1	4	5	7	7	**20**
19	4	4	4	4	5	4	5	1	2	6	**12**	11
20	.5	0	2.5	6	1	1.5	.5	1	2.5	4.5	7.5	9.5
21	3.5	2.5	1	2	3	5	5	4	5	3	8.5	**12**
22	2	2.5	1.5	4.5	4	3	2.5	4	4	7	9	9
23	5.5	9.5	7.5	3	4.5	6.5	7	3	1.5	2	3	8
24	1.5	4	4.5	4	5	4	3	5	2	8	10	**13**
25	2	0	.5	.5	5	4.5	3.5	8	**11**	6	7	5
26	3	4	3.5	4.5	3.5	5	2	1	2.5	4	12	11
27	1.5	1.5	0	2	1	.5	.5	0	2	8	**16**	11
28	0	1	2	4	2	**4**	3	0	2	5	12	10
29	4.5	4	**5**	3	2	2.5	3	1.5	1	6	15	**17**
30	6	4	1	0	1	3	5	3.5	6.5	4	10	15
Mean	**2.6**	2.9	2.7	3.4	3.2	3.3	3.1	3.3	3.9	5.6	10.6	**11.7**

AMOUNT OF CLOUDS (0–10).

Day.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	Mean.	Sunshine.
														h. *m.*
1	10	10	7	7	9	10	10	10	10	10	9	8	9.2	2 50
2	8	9	9	8	8	7	7	4	4	4	8	7	6.9	5 10
3	7	6	4	5	5	4	10	4	5	4	4	4	5.2	7 15
4	3	6	2	2	3	7	4	5	3	4	3	3	3.8	8 05
5	3	2	3	3	5	5	6	6	5	4	2	2	3.8	**9 40**
6	1	1	3	5	3	3	3	2	3	3	3	3	2.8	9 25
7	2	3	5	5	4	3	6	3	3	2	5	6	3.9	9 00
8	1	2	2	2	3	4	4	2	2	2	4	1	**2.4**	9 30
9	2	4	6	5	5	7	9	5	6	6	7	8	5.8	8 20
10	10	10	9	9	10	8	9	10	10	10	10	10	**9.6**	0 35
11	5	6	4	4	4	8	9	9	8	7	5	3	6	5 35
12	9	8	9	9	10	10	10	7	5	5	9	6	8.1	4 45
13	9	5	5	10	10	10	10	8	9	7	6	4	7.8	3 35
14	1	1	1	1	**5**	6	1	10	3	3	4	9	3.8	7 50
15	8	4	3	3	5	9	9	7	7	6	6	1	5.7	5 50
16	9	4	5	6	7	8	8	9	8	8	8	4	7	4 40
17	5	4	5	4	4	4	3	3	3	2	2	1	3.3	9 05
18	7	4	5	5	6	7	4	3	3	4	5	5	4.8	7 40
19	5	7	5	6	6	7	9	9	10	10	9	4	7.2	4 40
20	7	6	6	9	10	10	10	10	10	10	10	9	8.9	1 40
21	8	9	9	9	8	7	7	9	10	10	10	10	8.8	3 45
22	9	8	9	9	9	10	10	10	10	10	10	10	9.5	**0 05**
23	10	10	9	9	9	10	10	9	9	9	9	10	9.4	3 05
24	9	8	6	6	6	7	6	7	8	7	8	8	7.2	6 35
25	10	9	8	8	8	8	10	10	10	9	7	4	8.4	1 15
26	5	3	3	3	3	8	7	8	6	7	9	4	5.5	7 25
27	2	0	0	0	0	1	2	8	5	3	7	10	3.2	8 05
28	6	3	7	7	8	7	7	5	6	10	10	10	7.2	5 35
29	6	8	8	8	9	6	6	9	9	10	10	9	8.2	5 20
30	10	9	9	9	7	7	6	6	8	8	6	4	7.4	3 45
Total														170 05
Mean	6.2	5.6	5.5	5.9	6.3	6.9	7.1	6.9	6.6	6.5	6.8	5.9	6.4	5 40

WIND—VELOCITY IN KILOMETERS PER HOUR.

Noon-1 p.	1-2 p.	2-3 p.	3-4 p.	4-5 p.	5-6 p.	6-7 p.	7-8 p.	8-9 p.	9-10 p.	10-11 p.	11-Mdt.	Mean.
10	7.5	6	6	4	2	2.5	4.5	4.5	4.5	2.5	2	4.8
11	8.5	10.5	7	7.5	6.5	6.5	4.5	1.5	2	4	2.5	5
10	5	5	5.5	6	3.5	.5	0	.5	0	0	0	**3.5**
10	**12**	9	4	7	10	7.5	4.5	6	6.5	6	1.5	4.8
14	**16**	13	10	5	5	5	7	5.5	2.5	3	3	6.5
13	12	11	**15**	13	13	12	11	8	10	8	6	8
11	12	15	**19**	17	18	13	10	6	14	10	6	8.9
12	11	9	10	11.5	10.5	10.5	11.5	3	5	4	3.5	6.4
13	12	8	8	3	2	4	3	5	2	9	6	5.5
6	**8.5**	5.5	3.5	4.5	4	5	2.5	4.5	5	6.5	3.5	3.8
6.5	10	13.5	**14**	10	3.5	4.5	3.5	3	.5	0	0	5.2
12.5	**17**	15	13	14.5	11.5	10.5	4.5	1	1.5	2.5	2.5	6.6
6	4	7.5	9.5	7	10	5.5	.5	1	1	1	.5	5.3
10	10	**16**	**16**	11	8.5	7.5	3	2	1	1	2.5	5.4
22	21	**25**	18	12	14	13	6	0	1	1	1.5	**11.2**
15	14	13.5	14.5	**17**	**17**	**17**	15.5	6.5	6	2	3.5	7.8
13	11	9	9	9	8	11	9	5	3	3	3	6.3
15	11	8	11	8	10	11	6	2.5	2.5	2.5	2.5	6.4
12	10.5	3.5	7.5	1.5	3	1	0	.5	1.5	1	1	4.4
7.5	**10.5**	7.5	8.5	4	4	3	3.5	3	3.5	2	5	4.1
9	7.5	11	10.5	1.5	1	4	3	2.5	1.5	2	1	4.5
7.5	1.5	8.5	9.5	**11**	4	3	2	1.5	4	3.5	8	4.9
12	8	9	7.5	5.5	6.5	5.5	5	3.5	4	4.5	3	5.6
11	**13**	12	5.5	2	2	4.5	5	1	2	1	3	5.2
10	10	3	4.5	2.5	3.5	6	5.5	5	3.5	3	1.5	4.6
12	7.5	11.5	**18**	9	5	1.5	2.5	.5	0	.5	1	5.2
16	15	12	12	9	11	6	2	0	1	0	1	5.4
14	12.5	5.5	**15**	9	4	6	4	2.5	3	4.5	6.5	5.5
15	16	12	6	4	5	5	5.5	4.5	7	7	7	6.6
15	11	10	15	**17**	10	6	4.5	4	3.5	7	11	7.2
11.7	10.8	10.2	10.4	8.1	7.2	6.6	5	3.1	3.4	3.4	3.3	5.8

FREQUENCY OF THE WIND.

Day.	N.	NNE.	NE.	ENE.	E.	ESE.	SE.	SSE.	S.	SSW.	SW.	WSW.	W.	WNW.	NW.	NNW.	Calm.	Total wind velocity.	Atmidometer.	Rainfall.
																		Km.	*mm.*	*mm.*
1	-----	3	2	1	-----	1	-----	-----	-----	-----	1	-----	-----	2	1	-----	13	115	1.9	-----
2	-----	2	2	3	-----	-----	-----	-----	1	1	1	2	-----	-----	-----	-----	12	121	2.6	-----
3	5	1	-----	2	-----	-----	-----	-----	-----	-----	-----	2	-----	3	-----	-----	11	84.5	1.8	14.2
4	1	4	-----	1	1	-----	3	-----	-----	2	2	2	-----	-----	-----	1	7	114	3.1	-----
5	1	-----	-----	-----	1	-----	1	2	2	1	-----	1	3	2	1	-----	9	157	3	-----
6	-----	1	-----	-----	-----	-----	3	3	1	-----	4	3	1	2	-----	-----	6	192.5	3.2	-----
7	-----	1	3	1	-----	-----	5	-----	2	1	6	2	-----	-----	-----	-----	3	214	3.1	-----
8	1	2	3	-----	-----	-----	-----	-----	-----	-----	5	4	2	-----	-----	1	6	152.5	2.9	-----
9	-----	-----	9	1	-----	-----	-----	-----	-----	1	-----	2	3	2	-----	-----	6	131.5	2.5	5.6
10	-----	-----	-----	1	4	-----	4	1	-----	1	4	1	-----	-----	-----	-----	8	90.5	1.3	-----
11	-----	2	8	2	-----	-----	-----	-----	-----	-----	2	-----	-----	-----	-----	-----	10	124	3.6	-----
12	4	9	7	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	2	2	158	3.3	.8
13	6	4	2	-----	-----	-----	-----	-----	2	-----	-----	-----	1	-----	3	1	5	128	2.9	-----
14	1	1	2	1	1	-----	-----	-----	-----	-----	1	3	-----	-----	2	4	8	129	3.6	-----
15	6	10	3	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	2	3	**269**	**4.2**	-----
16	-----	-----	2	1	-----	-----	-----	-----	-----	-----	6	1	-----	4	1	-----	9	187	3.1	3.6
17	-----	-----	2	-----	1	-----	-----	-----	2	-----	2	4	4	-----	-----	-----	9	150	2.9	-----
18	1	-----	2	-----	-----	-----	1	-----	-----	3	4	-----	1	-----	-----	2	10	154	2.4	17.3
19	1	3	2	1	-----	-----	-----	-----	-----	-----	-----	4	2	-----	-----	-----	11	105	1.1	16.6
20	1	2	-----	-----	2	-----	-----	-----	-----	1	1	1	-----	2	-----	-----	14	99	1.3	.2
21	1	1	1	1	-----	-----	-----	-----	-----	-----	-----	1	1	1	1	-----	16	109	1.5	7.2
22	1	2	2	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	1	-----	4	14	117	.8	21.6
23	3	3	1	-----	3	2	-----	-----	-----	-----	-----	-----	-----	3	1	1	7	135	1.6	1
24	-----	2	1	1	1	-----	-----	-----	-----	-----	-----	-----	1	6	1	1	10	126	3.4	2.8
25	3	-----	2	2	-----	1	4	-----	-----	-----	-----	-----	-----	-----	-----	1	11	111	.9	3.3
26	-----	4	3	5	-----	-----	-----	-----	-----	-----	-----	2	-----	2	-----	1	7	125	2.1	4.6
27	-----	1	-----	1	-----	-----	-----	-----	-----	1	2	1	2	-----	4	1	11	129	2.4	7.4
28	1	1	2	1	1	1	-----	-----	-----	-----	2	3	1	-----	-----	1	10	131.5	1.7	.3
29	3	2	1	-----	-----	1	-----	1	1	-----	-----	-----	3	2	2	4	4	158.5	3.5	-----
30	2	8	4	2	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	1	6	1	173	4.2	-----
Total	42	69	66	28	15	6	21	7	11	12	43	39	25	32	18	33	253	4,190.5	75.9	106.5
Mean	1.4	2.3	2.2	0.9	0.5	0.2	0.7	0.2	0.4	0.4	1.4	1.3	0.8	1.1	0.6	1.1	8.4	139.7	2.5	3.6

EXTREME VALUES.

Day.	Maxima.						Minima.					
	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.
	mm.		*°C.*		*Per cent.*	*mm.*	*mm.*		*°C.*		*Per cent.*	*mm.*
1	757.51	9.00a.	30.6	1.55p.	97	23.2	754.90	2.35p.	23.2	5.50a.	69	**20.6**
2	58.90	10.50p.	31	3.15p.	97	22.4	55.45	3.15p.	23.2	4.50a.	70	19.7
3	59.40	10.00p.	31.2	3.35p.	97	23.1	56.60	3.20p.	22.9	5.55a.	68	20.1
4	59.15	8.30a.	**32**	1.55p.	97	22.3	55.71	3.00p.	23.2	5.45a.	63	18.9
5	58.91	9.00a.	31.5	3.25p.	96	22.3	55.10	3.45p.	22	5.55a.	66	18.9
6	58.45	9.20a.	31.5	3.15p.	**99**	22.6	55.20	3.35p.	22	5.55a.	62	19.5
7	58.19	9.00a.	31.1	2.55p.	96	23.4	54.95	3.30p.	23.2	5.15a.	69	20
8	58.85	11.00p.	31.5	3.20p.	96	21.7	56.13	3.00p.	22.4	5.55a.	57	18.4
9	59.90	10.30p.	31.4	4.05p.	97	22.9	56.65	4.00p.	22	5.30a.	66	19.1
10	60.55	8.55a.	29.5	2.25p.	97	22.9	57.30	3.40p.	22.8	11.55p.	74	20.2
11	60.05	9.30a.	30.6	0.10p.	97	20.4	57.75	3.25p.	21.6	5.45a.	59	18.2
12	61	9.30a.	29.9	3.20p.	97	20.4	58.25	3.05p.	21.2	3.20a.	58	17.2
13	**61.30**	9.20a.	30	2.20p.	95	20	**58.60**	3.50p.	21	11.55p.	62	17.3
14	60.75	8.40a.	30.5	1.10p.	95	19.4	57.60	3.40p.	**19.5**	5.20a.	60	16.6
15	59.20	0.05a.	30.5	10.25a.	89	19.7	55.85	2.45p.	22.3	0.45a.	60	17.3
16	57.50	8.15a.	30.1	1.55p.	95	21.7	**53.97**	3.00p.	21.8	6.20a.	66	18
17	57.80	10.05p.	31.2	3.05p.	97	22.4	54.66	3.00p.	22.8	6.05a.	63	20.3
18	59.30	8.50a.	31.1	1.55p.	95	22.8	56.02	3.00p.	23	6.15a.	64	20.3
19	59.51	9.00a.	30.5	11.25a.	98	23.2	56.75	2.15p.	22.9	5.20a.	70	20.1
20	59.15	10.55p.	29.8	10.25a.	97	23.6	56.05	3.20p.	22.7	5.40a.	**76**	20.2
21	59.85	9.05a.	30.2	1.35p.	97	21.9	57.35	2.15p.	**23.3**	5.15a.	72	20
22	60	8.15a.	**29**	10.35a.	97	23.5	57.10	2.55p.	22.2	5.45a.	73	19.5
23	59.80	8.40a.	29.9	3.10p.	97	22.5	56.74	4.00p.	23	4.30a.	68	20.1
24	59.77	9.00a.	31.4	2.30p.	96	**24**	56.45	4.15p.	21.9	4.55a.	66	19
25	58.85	8.10a.	31	0.05p.	97	22.4	55.85	3.15p.	22.7	11.55p.	65	20.1
26	57.30	8.55a.	30.8	0.55p.	98	22.6	54.10	3.10p.	21.7	5.10a.	64	18.9
27	**57.11**	8.00a.	31.7	1.20p.	97	21.7	54.33	3.00p.	21.2	5.50a.	61	18.5
28	57.65	8.45a.	31	2.20p.	98	23.6	54.64	3.00p.	22.4	6.05a.	67.5	20
29	58.70	11.00p.	30.8	2.05p.	92	20.9	55.30	2.30p.	21.5	5.50a.	59	18.1
30	59.86	9.00a.	30.3	1.20p.	88	**17.7**	57	2.35p.	20	10.25p.	**47**	**14.4**
Mean	759.14	----------	30.7	----------	96	22	756.08	----------	22.2	----------	64.8	19

DAILY GENERAL REMARKS.

1____●° in the early morning.
2____Cloudy weather.
3____Thundershowers in the afternoon.
4____Cloudy weather.
5____☍ early in the morning.
6____Fair weather.
7____Cloudy weather.
8____Fair weather.
9____●° at night.
10____● in the early morning; ☋² in the evening.
11____d°, convergence of Ci. toward W in the afternoon.
12____d° in the morning; ●° in the afternoon.
13____Overcast.
14____Cloudy weather.
15____Gusty NNE winds in the afternoon.
16____≡° in the morning; ◟ NNE in the evening; ● at night.
17____Cloudy weather.
18____Convergence of Ci. toward NNE in the afternoon; ◟ N, ● in the evening.
19____◜◟ E and NW, ● in the afternoon; ◟ N and SE in the evening.
20____d, ◜◟ N in the afternoon.
21____◜◟° NE quadrant, ● in the afternoon; ◟° W in the evening.
22____● in the afternoon and evening.
23____d in the morning; ⊕ in the afternoon.
24____p in the afternoon.
25____●, ⊤ SE in the afternoon.
26____p in the afternoon.
27____≡°, ⊕ in the morning; ◜◟² E, ◜◟ N quadrant, ● in the evening.
28____d, ◜◟° SSE and SW in the afternoon.
29____Slight convergence of Ci. toward E in the morning; ⊕° in the afternoon.
30____Overcast.

OBSERVATIONS FOR DECEMBER, 1916.

ATMOSPHERIC PRESSURE, 700mm+.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	58.85	58.40	58.20	58.35	58.60	59.10	59.55	**59.87**	59.69	59.33	58.48	57.79
2	57.55	57.10	56.50	56.65	57	57.45	58	58.51	**58.93**	58.72	58.15	57.53
3	56.90	56.55	56.65	57.10	57.20	57.70	58.10	58.95	59.20	59.09	58.94	58.62
4	58.95	58.50	58.20	58.20	58.50	58.66	59.01	59.56	**59.97**	59.59	59.10	58.32
5	58.15	57.75	57.40	57.40	57.50	57.87	58.35	58.89	58.99	**59.01**	58.66	57.85
6	57.45	57.10	57	56.90	57.15	57.50	57.82	58.57	**58.74**	58.48	58.12	57.52
7	58.05	57.60	57.35	57.40	57.40	57.56	58.01	58.46	**58.74**	58.54	58.18	57.62
8	57.75	57.35	57.25	57.20	57.35	57.56	58.06	58.45	**58.64**	58.50	58.29	57.73
9	57.55	57.20	57.10	57.05	57.25	57.68	57.86	58.57	58.85	**58.89**	58.38	57.73
10	58	57.75	57.60	57.60	57.85	58	58.70	59.20	**59.37**	59.15	58.99	58.14
11	58.50	58.10	57.60	57.70	57.80	58.10	58.45	59	59.11	58.91	58.66	58.03
12	58.80	58.35	58	57.95	57.65	57.85	58.25	58.88	59.07	58.87	58.41	57.62
13	58.65	58.35	58.20	58.10	58.30	58.68	59.01	**59.61**	59.59	59.40	58.91	58.28
14	58.05	57.50	57.50	57.45	57.75	58.11	58.51	59.38	**59.57**	59.23	58.63	57.94
15	57.35	57	56.60	56.85	57.05	57.38	57.98	58.51	**58.64**	58.36	57.63	56.93
16	57.45	56.85	56.50	56.70	56.85	56.91	57.91	**58.31**	**58.31**	58.07	57.29	56.40
17	56.85	56.50	55.95	56.30	56.40	56.92	57.17	57.90	**58.15**	57.94	57.46	56.89
18	56.55	56.25	56.15	56.25	56.45	56.90	57.51	**58.10**	58.07	57.73	56.97	56.43
19	56.60	56.45	56.40	56.45	56.45	56.82	57.34	58.04	**58.06**	57.71	57.19	56.60
20	57.25	57.25	57.10	57.15	57.20	57.59	57.80	58.40	58.42	58.09	57.70	57.10
21	58.55	58.30	58.35	58.50	58.60	59.13	59.37	**59.77**	59.54	59.08	58.45	57.49
22	57.90	57.60	57.30	57.50	58	58.26	58.76	**59.03**	58.79	58.55	57.99	57.32
23	57.85	57.65	57.30	57.50	57.60	57.77	58.40	**58.93**	58.81	58.55	58.19	57.78
24	57.25	57.20	57.05	56.95	57	57.67	58.26	58.74	58.76	58.49	58.19	57.83
25	58.40	58	57.75	57.85	58	58.61	59.03	**59.71**	**59.71**	59.57	59.05	58.38
26	58.45	58.05	57.75	57.85	57.95	58.10	58.37	**59.01**	58.81	58.56	58.29	57.83
27	58.20	58	57.90	57.80	58	57.87	58.22	58.67	58.71	58.65	58.49	58.24
28	58.20	58.20	58	58.15	58.20	58.64	59.37	**59.99**	59.78	59.55	59.21	58.62
29	58.30	58.15	57.85	57.85	57.90	58.04	58.46	58.97	59.01	58.82	58.44	57.74
30	58.50	58.15	57.65	57.85	57.85	57.92	58.44	58.64	**58.87**	58.67	58.47	58.07
31	57.95	57.45	57.35	57.45	57.75	58.01	58.61	**59.36**	59.25	59.10	58.67	57.99
Mean	57.90	57.57	57.34	57.42	57.57	57.88	58.34	58.90	**58.97**	58.75	58.31	57.69

TEMPERATURE (°C.).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	20.4	20.2	19.6	19.5	19	**17.7**	18.4	22.2	25.2	26	26.6	27.6
2	22	21.9	21.7	21.5	21.4	**21.1**	22.1	24	25.1	26.5	28	28
3	23.9	23.1	23.4	23.1	22.9	**22.7**	23.1	24.2	25.2	27.2	27.2	27.4
4	23.2	23.2	23.9	23.2	23	**22.3**	22.7	26.5	28.2	28.7	28.1	30.1
5	22.4	22.1	21.9	**21.8**	22.1	22.1	22.6	24.7	27.1	27.7	28.3	29.1
6	22	21.9	21.7	**21.6**	21.8	21.7	22	25.7	27.8	29.2	**30.5**	29.6
7	23	22.4	21.7	21.2	21	**20.8**	21.6	25.2	27.6	28.9	29.2	30
8	22.2	**22**	**22**	22.3	22.1	22.1	22.2	24	25.1	26.6	27.5	27.9
9	23.6	22.9	22.7	22.5	22.1	**21.8**	22.6	25.5	28.4	**29.8**	28.1	29
10	22.1	22	21.7	21.4	21.2	**21.1**	21.6	25.8	27.9	28.7	28.2	29
11	23.5	23.4	23.1	22.7	22.7	**22.3**	22.9	26.8	28.5	28.7	29	28.1
12	22.5	22.1	21.8	21.7	21.5	**21.2**	21.7	25.4	28.5	28.7	29.2	29.4
13	23	22.8	22.1	**21.9**	22.4	22.3	22.4	25.9	27.6	29.6	29	28.1
14	22.2	**21.8**	22.1	22.1	21.9	22.3	22.9	25.5	27.5	29.4	29.5	29
15	22.4	22.1	22.1	22.1	21.7	**21.5**	21.8	25.4	27.9	**28.8**	28.7	**28.8**
16	23.3	22.9	22.7	**22.5**	**22.5**	22.8	23	23.4	25.7	28.5	29.5	29.6
17	23.3	23.3	23.1	**22.8**	22.9	22.9	23.3	25.2	26.1	28	28.6	**29.2**
18	23.8	23	22.7	22.6	**22.1**	22.3	23	26.4	29.3	30.5	29.5	28.8
19	24	23.4	23.2	22.9	22.9	**22.7**	23.1	26	27.6	30	27.9	28.1
20	23.5	23.2	22.5	22.3	22	**21.6**	21.9	25.5	28.4	29.8	28.9	28.7
21	21.4	**21**	21.4	21.7	**21**	**21**	21.5	24.8	27.8	28.7	28.3	29.6
22	23.2	22.7	**22.5**	22.8	23.4	23.6	23.6	24.5	26.6	28.1	27	29.2
23	22.2	22.1	21.6	21.5	21.4	**21.1**	21.5	24.6	26.9	29.2	27.9	28
24	23.6	23.2	23.1	23	22.9	22.8	23	25.4	27.8	**28.9**	28.2	27.7
25	22.1	21.7	21.3	20.8	20.5	**20.2**	20.6	24.2	27.1	28.2	29.5	28.7
26	21.9	21.6	**21.4**	21.9	22.4	22.3	22.3	24.2	27.4	**28.7**	28.3	28.3
27	22.4	22.4	22.2	22.2	22.2	22.2	**22.1**	24.3	25.7	26	26.5	25.1
28	22.8	22.2	22	21.8	21.8	**21.5**	21.8	23.2	24.5	25.7	26.4	26.2
29	21.8	21.7	21.7	21.6	**21.5**	**21.5**	21.8	24.5	25.3	**28**	27.4	27.9
30	**21.3**	**21.3**	**21.3**	21.4	21.4	21.4	21.5	22.8	23.6	24.4	**26.2**	25.4
31	22.9	22.8	22.5	22.2	22.1	**21.8**	22	24.3	26.9	28.5	29.7	26.6
Mean	22.6	22.3	22.2	22	21.9	**21.8**	22.1	24.8	26.9	28.2	28.3	28.3

ATMOSPHERIC PRESSURE, 700mm+.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
57	56.78	**56.41**	56.45	56.94	57.10	57.24	57.40	57.45	57.50	57.80	57.90	58.01
56.51	55.96	**55.89**	56.21	56.51	56.86	57.02	57.25	57.50	57.25	57.35	57.30	57.24
57.96	57.63	**57.20**	57.33	57.83	58.04	58.65	59.55	**59.75**	59.65	59.65	59.55	58.24
57.57	57.12	**56.67**	56.92	57.39	57.99	58.43	58.80	59	58.90	58.80	58.50	58.44
56.94	56.32	**55.89**	56.14	56.79	57.07	57.44	57.90	58.10	58.10	58.10	57.80	57.68
56.98	56.34	56.27	**56.24**	56.52	56.78	57.35	58	58.20	58.40	58.20	58.15	57.49
56.99	56.48	**56.43**	56.54	56.79	57.23	57.82	58.25	58.50	58.25	58.10	58	57.68
56.80	56.20	**55.68**	56.05	56.34	56.49	57.20	57.95	58	58.10	58	57.95	57.45
56.92	56.67	56.42	**56.34**	56.45	56.94	57.34	57.85	58.05	58.40	58.20	58.10	57.57
57.44	57.12	56.95	**56.88**	57.50	57.99	58.10	58.70	58.95	58.90	58.65	58.75	58.18
57.47	**56.82**	56.99	56.97	57.30	57.58	58.24	58.85	**59.15**	**59.15**	58.95	58.95	58.18
56.95	56.29	**56.17**	56.60	56.99	57.38	58.05	58.25	58.90	**59.15**	59.10	59.05	58.02
57.65	56.82	**56.68**	56.97	57.14	57.69	58.33	58.90	59.10	58.95	58.75	58.40	58.35
57.10	56.52	**56.41**	56.55	56.83	57.18	57.80	58.35	58.50	58.45	58.10	57.80	57.88
56.38	56.12	**55.94**	56.64	56.66	57.09	57.78	58.10	58.20	58.35	58.20	58	57.41
55.60	54.97	**54.78**	55.04	55.58	56.07	56.89	57.25	57.60	57.60	57.55	57.20	56.82
56	55.62	55.44	**55.40**	55.85	56.70	57.55	57.45	57.50	57.50	57.45	56.95	56.83
55.58	55.13	**54.94**	55.12	55.54	56.34	56.80	57	57.25	57.80	57.35	57.20	**56.64**
55.84	55.18	**54.79**	55.73	56.15	56.68	57.14	57.65	57.80	58.05	57.95	57.70	56.87
56.40	56.17	**55.96**	56.24	56.64	57.12	57.75	58.30	58.70	**58.90**	58.75	58.70	57.53
56.79	56.58	**56.54**	56.63	56.78	57.28	57.70	58.20	58.35	58.40	58.45	58.35	**58.13**
56.62	56.33	56.33	**56.20**	56.57	57.19	57.70	58	58.55	58.65	58.55	58.25	57.75
56.94	56.54	56.48	**56.35**	56.60	56.67	56.93	57.40	57.75	57.80	57.85	57.70	57.56
57.48	57.01	56.93	**56.83**	57.35	57.86	58.35	58.70	**59.05**	59	59	58.70	57.90
57.67	57.43	**57.32**	57.53	57.88	58.25	58.55	58.80	59	58.95	58.70	58.55	58.45
57.16	**56.64**	56.91	57.30	57.76	57.69	58.40	58.65	58.40	58.60	58.45	58.35	58.06
57.59	57.04	**56.96**	57.60	58.16	58.40	58.60	58.90	**59**	58.95	58.80	58.55	58.22
58.01	**57.72**	57.87	58.07	58.44	58.97	59.31	59.40	59.60	59.15	58.90	58.65	**58.75**
56.99	56.75	**56.74**	57.27	57.59	58.11	58.48	58.85	59	59	59.25	**59.40**	58.21
57.36	56.91	**56.55**	56.75	56.82	57.26	58	58.55	58.40	58.50	58.35	58.30	57.95
56.99	56.13	**56.02**	56.49	57.09	57.65	58.40	58.90	59	58.80	58.80	58.65	57.99
56.96	56.49	**56.34**	56.56	56.93	57.34	57.85	58.26	58.46	58.49	58.39	58.24	57.79

TEMPERATURE (°C.).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
27.7	**28.7**	**28.7**	27.7	25.9	24.4	24.7	25.1	24.3	22.9	22.5	22.3	23.6
29.1	28.4	28.4	27.2	26.8	25.8	25.8	25.7	25.6	25.3	25.2	**24.7**	25.1
27.7	**28.5**	28.3	27.9	26.7	25.5	24.6	24.2	24	24	23.2	23.1	25
29.5	29	**30.4**	27.8	24.7	24.1	24.1	23.7	23.4	23.1	22.9	22.5	25.3
29.6	29.1	**30.7**	28.7	27.1	25.6	24.6	24.2	23.7	23.6	22.7	22.2	25.2
28.9	29	28.7	29.3	27.5	25.6	24.6	24.1	23.9	24	24.1	23.8	25.4
29.6	**30.4**	30.1	29.1	28	26.2	24.7	24.1	23.2	23	22.9	22.3	25.3
27.7	27.5	**28.1**	25.8	25	24.6	24.5	24.4	24.3	24.2	24.2	24	24.6
29.2	**29.8**	29.7	29.2	27.6	25.2	24.5	24.1	23.8	23.4	22.8	22.5	25.4
30.2	25.6	25.7	27.5	**26.7**	25.5	25.1	24.8	24.3	24.2	24.2	23.9	24.9
28.2	**29.2**	26.3	27.7	27.1	25.4	**24.5**	24.2	23.6	23.2	22.7	22.7	**25.3**
29.8	**30.6**	29.2	28.7	27	24.9	24	23.2	23.7	**23**	22.6	23.2	25.2
29.8	29.8	**30.9**	29.2	27.6	25.4	24.8	23.7	23.3	22.7	22.8	22.3	25.4
30.1	**30.7**	30.5	27.8	27.1	26	25	**24.6**	23.5	23.2	23	22.6	25.4
28.5	27	27.2	25.8	25.3	24.5	**24.6**	24.3	23.9	23.7	23.3	23.2	24.8
29.8	**30.5**	29.8	29.1	27.4	25.7	25	24.6	24	24	23.7	23.4	25.6
28.1	27.7	27.8	26.9	26.9	25.8	25.1	24.9	24.8	24.6	24.3	24	25.4
30.9	**31**	29.8	29.2	27.6	26	25.1	24.9	24.3	24.3	24.2	24.1	**26.1**
29.4	30.1	**30.5**	28.3	28.3	25.8	25.5	25.4	25.2	24.7	24.3	24.1	26
29.4	28.7	**31**	29.7	27.9	25.3	23.9	.23	22.7	22	22	21.7	25.2
29.1	**30.2**	**30.2**	29.7	28	26.1	25.6	**24.4**	24.1	24	23.4	23.3	25.3
30.3	29	25.8	28.7	27.6	25.8	24.6	23.6	23.4	23.7	23	22.6	25.2
29.3	29	27.3	28	27.1	25.1	23.9	23.1	23	23.2	23.9	23.1	24.8
25.3	25.4	26.7	26.6	25.8	24.9	24.6	24	23.3	23.3	23.1	**22.7**	24.8
29.3	**30.2**	30.1	29	27.9	25.1	24	23.3	23	22.8	22.6	22.1	24.8
27.9	27.8	26.9	23.9	23.7	23.1	23	22.9	22.5	22.9	22.5	22.4	24.2
26.1	26.2	**26.8**	24.3	23.8	23.3	23	22.7	22.6	22.7	22.6	22.2	23.7
26.9	26.8	26.4	26.1	25	23.4	22.7	22.5	22.2	22	21.9	21.7	23.6
26.4	26.5	25.8	24.8	24.5	23.2	22.9	22.7	22.4	22.3	22.1	21.6	23.7
25.5	25.3	25.9	25	24.3	24	24	24	23.7	23.6	23.3	23	**23.5**
29.2	29.6	**30.8**	29.3	28.4	26.4	25.7	25.3	24.8	23.9	23.3	23	25.5
28.7	28.6	28.5	27.7	26.6	25.1	24.5	24.1	23.7	23.5	23.2	22.9	24.9

RELATIVE HUMIDITY (%).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	78	79	80	80	83	91	88	71.5	62	58	62	53
2	76	75.5	76	77	78	81	74	66	68	65	60	56
3	86	90	88	90	91	92	90	86	83	75	75	73
4	94	93	87	90	90	95	96	81	70	71	73	64
5	99	99	99	99	98	98	99	92	81	81	73	66
6	96	96	98	97	96	97	95	81	69	61	61	64
7	94	96	96	99	98	98	95.5	79	66	59	60	59
8	96	96	96	95	95	95	96	88	86	78	78	77
9	95	97	96	96.5	97	98	96	85	74	68	74	71
10	96	96	96	96	96	96	97	80	71	71	72	70
11	95	95	97	97	97	97	97	80	72	73	73	76
12	96.5	97	97	97	96	96	93	81	72	75	70	70
13	90	91	96	96	92	93	96	81	73	66	69	74
14	92	94	93	94	95	92	89.5	78	76	69	70	71
15	96	96	95	95	96	97	96	82	71	67	67	66
16	95	97	97	97	96.5	96	95	96	86	77	68.5	71
17	97	97	97	98	97	97	97	90	85	77	74	73
18	97	99	98	98	99	98	97	83	68	66	68	72
19	95	97	97	97	97	97	97	88	79	67	77	76
20	94	94	96.5	96	97	98	95	76	64	62	66	66
21	95	95	94	93	96	96	96	81	72	69	70	67
22	94	97	97	95	94	93	92	89	82	76	80	70
23	99	99	98	96	95	96	97	86	72	64	71	73
24	95	95	96	97	95	95	95	85	74	69	76	75
25	97	97	97	97	98	97	99	85	71	68	64	71
26	95	95.5	97	95	94	96	94	83	73	66.5	69	68
27	95	94	94	94	94	94	96	83	76	76	71	80
28	89	93	94	95	93	95	93	86	79	78	76	76
29	93	94	94	94	95	95	96	84	80	68	71	69
30	97	96	95	96	96	95	96	91	89	86	81	85
31	94	94	95	96	96	97	98	91	77	72	68	83
Mean	93.6	94.3	94.4	94.6	94.5	95.2	94.6	83.5	74.9	70.3	70.6	70.5

VAPOR PRESSURE (mm).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	13.9	13.9	13.6	13.5	13.5	13.7	13.9	14.2	14.7	14.6	15.9	14.6
2	15	14.7	14.7	14.7	14.7	15.1	14.6	14.6	16.1	16.7	16.9	15.8
3	18.9	18.8	18.8	18.8	18.9	18.9	18.8	19.2	19.9	20.2	20.2	19.9
4	19.8	19.7	19.2	19.1	18.7	18.9	19.6	20.8	20	20.6	20.6	20.2
5	20	19.6	19.4	19.2	19.4	19.4	20.2	21.2	21.5	22.3	20.9	19.8
6	18.8	18.8	18.9	18.6	18.7	18.8	18.6	19.8	19.2	18.4	19.7	19.7
7	19.6	19.4	18.6	18.5	18.2	17.9	18.3	18.8	18.1	17.6	18.2	18.6
8	19	19	18.8	18.9	18.7	18.7	19.2	19.5	20.4	20.2	21.2	21.4
9	20.5	20.2	19.6	19.5	19.2	19.1	19.5	20.7	21.2	21.1	21	21.1
10	18.9	18.8	18.4	18.3	18	17.9	18.6	19.7	19.8	20.6	20.4	20.8
11	20.4	20.3	20.3	20	20	19.5	20.2	21	20.8	21.3	21.6	21.4
12	19.5	19.2	18.9	18.8	18.4	18	18.6	19.6	20.8	21.8	21	21.4
13	18.8	18.8	18.9	18.7	18.5	18.6	19.4	20	20.1	20.3	20.4	21
14	18.3	18.2	18.3	18.5	18.5	18.4	18.6	19	20.8	21	21.3	21.1
15	19.2	19.1	18.7	18.7	18.6	18.5	18.7	19.8	19.8	19.6	19.7	19.4
16	20.1	20	19.8	19.7	19.5	19.7	19.8	20.4	21.1	22.2	20.9	21.9
17	20.7	20.5	20.5	20.3	20.2	20	20.5	21.4	21.4	21.7	21.5	21.9
18	21.3	20.7	20.1	20	19.6	19.6	20.2	21.3	20.6	21.4	20.8	21.2
19	21	20.6	20.4	20	20	20	20.5	21.9	21.7	21	21.4	21.4
20	20.2	19.8	19.5	19.3	19.1	18.8	18.5	18.4	18.5	19.3	19.6	19.3
21	17.9	17.6	17.7	17.9	17.8	17.8	18.4	18.8	20	20.2	20.1	20.7
22	19.8	20	19.7	19.5	20.1	20.1	19.9	20.3	21.1	21.4	21.1	21.1
23	19.7	19.6	18.8	18.4	18.1	17.9	18.5	19.7	19	19.4	19.9	20.5
24	20.5	20	20.1	20.2	19.6	19.5	19.8	20.6	20.6	20.5	21.6	20.7
25	19.2	18.8	18.3	17.8	17.6	17.1	17.9	19	18.9	19.4	19.7	20.9
26	18.5	18.3	18.4	18.5	18.9	19.1	18.8	18.7	19.7	19.4	19.7	19.5
27	19.1	18.9	18.6	18.6	18.6	18.6	18.9	18.8	18.6	19	18.4	18.9
28	18.3	18.5	18.4	18.4	18	18	18	18.2	18.1	19	19.3	19.3
29	18	18.1	18.1	17.9	18	18	18.5	19.2	19.1	19.1	19.3	19.2
30	18.3	18.1	18	18.3	18.3	17.9	18.4	18.8	19.2	19.4	20.4	20.6
31	19.5	19.3	19.2	19	18.9	18.9	19.3	20.5	20.4	20.8	21	21.5
Mean	19.1	18.9	18.7	18.6	18.5	18.5	18.8	19.5	19.7	20	20.1	20.2

RELATIVE HUMIDITY (%).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
53	48	52	60	58	65.5	61	59	65	73	73	75	67.8
57	62	55	65	63	68	67	69	71	73	76.5	79	69.1
70	68	67	72	79	85	89	91	90	89	94	94	83.6
68.5	71	66	77	94	97	96	98	99	98	99	99	86.1
67	72	65	76	76	84	88	91	91	89	95	96	86.4
69	62	67	69	78.5	84	87	91	91	92	92	91	82.7
63	59.5	62	66	69.5	78	85	88	93	94	94	96	81.1
79	80	80	92	94	96	96	97	96	97	96	95	90.6
71.5	70	63	66	73	85	88	88	91	91	94	96	84.3
64	84	84	76	83	89	92	92	94	93	91	92	86.3
74	71	90	83	84	93	96	96	95	97	97	97	88.4
63	60	62	64	75	84	87	90	87	90	93	90	82.9
67	69	57	57	64	77	79	85	87	89	89	91	80.3
65	60	64	79	84	85	89	91	95	97	95	97	83.9
68	75	79	81	88	93	92	94	97	94	97	97	86.6
67	65	64	68	76	84	87	88	91	93	95	95	85.2
79	79	81	86	86	93	95	95	95	96	97	97	89.9
60.5	62	66	70	80	86	91	92	94	94	95	95	84.5
72	68	64	70	71	82	85	88	88	89	91	91	84.3
66	72	56	58	69	79	85	90	89	95	92	93	81.2
72	70	69	66	71	80	81	88	90	90	93	94	82.8
66	69	86	71	77	88	91	97	94	91	95	97	86.7
68	68	78	74	76	85	91	94	96	97	92	97	85.9
85	84	80	83	85	92	92	93	97	96	96	95	88.5
66	66	67	70	64	76	81	84.5	86	89	91	94	82.3
71	73	77	93	94	97	97	97	96.5	93	96.5	96	87.8
73	73	75	92	93	94	94	95	95	96	95	96	88.2
70	67	68	74	75	84	89	90	92	93	92	94	84.8
74	74	76	85	83	90	91	91	93	93	94	96	86.4
84	85	81	86	88	91	90	90	91	90	91	93	90.1
70	69	62	67	78	86	89	88	88	94	97	97	85.2
69.1	69.5	69.8	74.1	78.4	85.5	87.8	89.7	90.9	91.8	92.8	93.7	84.3

VAPOR PRESSURE (mm).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
14.5	14.1	15.2	16.7	14.5	14.9	14.2	13.9	14.8	15.1	14.9	15	14.5
16.9	17.7	15.9	17.4	16.5	16.8	16.4	16.8	17.4	17.4	18.2	18.4	16.2
19.3	19.6	19.1	20.2	20.5	20.7	20.4	20.3	19.9	19.7	19.8	19.7	19.6
20.9	21.1	21.4	21.4	21.8	21.7	21.4	21.4	21.2	20.6	20.6	20.1	20.4
20.7	21.6	21.2	22.2	20.3	20.4	20.3	20.3	19.7	19.2	19.4	19.2	20.3
20.3	18.5	19.7	20.9	21.4	20.6	20.1	20.4	20.1	20.4	20.6	20	19.6
19.5	19.2	19.6	19.8	19.5	19.7	19.6	19.6	19.7	19.6	19.5	19.3	19
21.9	21.8	22.6	22.7	22.1	22	21.9	21.9	21.6	21.7	21.5	21	20.7
21.5	21.8	19.6	19.9	20	20.3	20.1	19.6	19.8	19.5	19.3	19.4	20.1
20.5	20.4	20.5	20.8	21.5	21.7	21.7	21.3	21.2	20.9	20.5	20.3	20.1
21.2	21.4	22.9	22.9	22.4	22.3	21.9	21.5	20.5	20.4	19.8	19.8	21
19.6	19.5	18.6	18.7	19.7	19.7	19.3	19.1	19	18.8	18.9	19.1	19.4
20.7	21.4	19.1	17.1	17.7	18.5	18.3	18.4	18.5	18.3	18.5	18.2	19.1
20.8	19.6	20.7	21.8	22.4	21.1	21	20.8	20.4	20.4	19.8	19.8	20
19.6	19.7	21.2	19.9	21.2	21.3	21.2	21.2	21.3	20.5	20.5	20.6	19.9
20.7	21.1	19.9	20.4	20.6	20.5	20.4	20.3	20.3	20.7	20.6	20.3	20.5
22.4	21.9	22.4	22.8	22.8	22.8	22.5	22.2	22.1	22	21.8	21.6	21.6
20.1	20.8	20.6	21.1	21.9	21.5	21.5	21.6	21.2	21.2	21.3	21.1	20.9
21.8	21.6	20.7	19.9	20.3	20.3	20.7	21.1	20.8	20.6	20.6	20.4	20.8
20.2	21	18.8	17.9	19.4	18.9	18.7	18.8	18.3	18.6	18	17.9	19
21.6	22.4	22	20.4	20.1	20.1	19.8	20	20	19.9	19.9	20	19.6
21.2	20.7	21.2	20.9	21.1	21.6	20.8	20.9	20.1	19.9	19.8	19.8	20.5
20.6	20.3	21.1	20.9	20.3	20.1	20	19.7	19.9	20.4	20.3	20.5	19.7
20.4	20.3	20.7	21.5	21.1	21.4	21.2	20.7	20.5	20.3	20.1	19.4	20.5
20.1	21.1	21.2	20.8	17.9	18.1	17.9	18	18	18.3	18.6	18.5	18.9
19.9	20.2	20.2	20.5	20.5	20.5	20.3	20.2	19.5	19.3	19.5	19.4	19.5
18.4	18.5	19.7	20.9	20.4	20	19.6	19.4	19.3	19.6	19.3	19	19.1
18.5	17.4	17.5	18.6	17.6	17.9	18.3	18.3	18.3	18.2	17.9	18.1	18.3
19	19.1	18.8	19.8	19	18.9	18.9	18.7	18.7	18.6	18.5	18.5	18.7
20.5	20.4	20	20.2	19.9	20.1	19.9	19.9	19.9	19.4	19.4	19.4	19.4
21.1	21.3	20.4	20.3	22.4	21.9	21.9	21.2	20.5	20.7	20.7	20.2	20.5
20.1	20.2	20.1	20.3	20.2	20.2	20	19.9	19.8	19.7	19.6	19.5	19.6

CLOUDS—FORM AND DIRECTION.

Day.	8 a.		9 a.		10 a.		11 a.		Noon.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci	Cu.
2	Ci.-S.	Cu.	Ci.	Cu.	----------	Cu. ENE	----------	Cu. ENE	----------	Cu. ENE
3	Ci.-S.	N. SW	Ci.-S.	N.-cf. SW	Ci.-S.	N.-cf. SW	Ci.-S.	N.-cf. SW	Ci.-S.	N.-cf. SW
4	Ci.	Cu.	A.-Cu.	Cu.	A.-Cu.	Cu.	A.-Cu. NNE	Cu. E	A.-Cu. NNE	Cu. E
5	----------	Cu. ENE	----------	Cu.	----------	Cu.	----------	N.-cf. ENE	----------	Cu.
6	----------	Cu.	----------	Cu.	----------	Cu. NE	----------	Cu. NE	----------	N.-cf. NE
7	----------	Cu.	----------	Cu.	----------	N.-cf. E	----------	Cu.	----------	Cu. E
8	----------	S.-Cu.	----------	S.-Cu.	----------	N.-cf. NE	----------	N.-cf. ENE	----------	Cu.-N. ENE
9	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu. ENE	----------	Cu.-N. ENE
10	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	----------	Cu. E	----------	N.-cf.
11	----------	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.-N. ENE	Ci.-S.	Cu. ENE	----------	Cu.-N. ENE
12	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.	----------	N.-cf. E
13	Ci.-S.	Cu. E	Ci.	Cu. E	Ci.	Cu.	----------	N.-cf. E	----------	Cu. E
14	----------	Cu. E	----------	Cu. E	Ci.	Cu.	Ci.-S.	Cu. E	Ci.	Cu. E
15	----------	Cu.	----------	Cu.	----------	Cu. ENE	A.-Cu.	Cu. ENE	Ci.-S.	Cu. ENE
16	Ci.-S.	Cu.-N. ESE	Ci.-S.	Cu.-N. ESE	Ci.-S. W	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.
17	A.-Cu.	N.-cf. EbyN	A.-Cu.	N.-cf. EbyN	----------	N.-cf. EbyN	----------	Cu.-N.	A.-Cu.	N.-cf.
18	Ci.	Cu.	Ci.	Cu.	Ci.	Cu. E	Ci.	Cu. E	----------	N.-cf. E
19	Ci. NE	Cu.	Ci. ENE	Cu.	Ci. ENE	Cu.	----------	Cu. E	----------	Cu. E
20	Ci.-Cu.	Cu.	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu. E	----------	Cu. E
21	Ci.	Cu.	Ci.	Cu.	----------	Cu.	----------	Cu. E	----------	Cu. E
22	----------	S.-Cu.	A.-Cu.SEbyE	Cu.	Ci.	Cu. E	----------	N.-cf. E	----------	Cu. E
23	A.-Cu.	Cu.	A.-Cu. SE	Cu. E	A.-Cu.	Cu. E	----------	N.-cf. E	----------	Cu. E
24	A.-Cu. ENE	S.-Cu. E	Ci.-S.	Cu. E	Ci.-S.	Cu. E	Ci.-S.	Cu. E	Ci.	Cu.-N. E
25	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu. NE	Ci.	Cu. NE
26	----------	N.-cf. E	A.-Cu.	S.-Cu. ENE	A.-Cu.	S.-Cu. ENE	Ci.-S.	N.-cf. ENE	----------	N.-cf.
27	----------	Cu.	----------	Cu. E	----------	Cu. E	----------	N.-cf. E	----------	N.-cf. E
28	----------	S.-Cu.	----------	S.-Cu. E	A.-Cu.	Cu. E	----------	N.-cf. E	----------	N.-cf. E
29	A.-Cu. SE	Cu. ENE	----------	S.-Cu. ENE	----------	Cu. E	----------	Cu. E	----------	Cu. E
30	Ci.-S.	S.-Cu. ESE	Ci.-S.	Cu.-N. ESE	Ci.-S.	Cu.-N. ESE	Ci.-S.	S.-Cu. ESE	Ci.-S.	Cu.-N. ESE
31	Ci.-S.	Cu. E	Ci.-S.	Cu.	Ci.-S.	Cu. E	Ci.-S.	Cu. E	Ci.-S.	N.-cf. E

Day.	1 p.		2 p.		3 p.		4 p.		5 p.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1	Ci.	Cu. E	----------	Cu. E	----------	Cu. E	Ci.-S.	Cu.	Ci.-S.	Cu.
2	Ci.-S.	Cu NE	Ci.-S.	Cu. NE	Ci.-S.	Cu. NE	Ci.-S.	S.-Cu. NE	A.-Cu.	S.-Cu.
3	----------	Cu. E	Ci.-S.	Cu. E	Ci.	Cu.	Ci.-Cu. SSW	Cu.	Ci.-Cu. SSW	Cu.
4	Ci.	Cu. E	----------	N.-cf. E	----------	Cu.-N. E	----------	Cu.-N. E	----------	Cu.-N.
5	----------	N.-cf. NE	----------	Cu.-N. ENE	----------	Cu. ENE	----------	Cu. ENE	----------	Cu. ENE
6	----------	N.-cf. NE	----------	Cu. NE	----------	Cu.-N. NE	----------	N.-cf. NE	----------	Cu.
7	----------	Cu. E	----------	Cu. ENE	----------	Cu. ENE	----------	Cu. ENE	----------	Cu. ENE
8	----------	Cu.-N. ENE	----------	Cu.-N. ENE	----------	Cu.-N. ENE	----------	Cu.-N. ENE	----------	Cu.-N. ENE
9	----------	Cu.-N. E	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu.	Ci.	Cu.
10	Ci.	Cu.-N.	----------	Cu.-N.	----------	Cu.-N.	----------	Cu.-N.	A.-Cu.	Cu.
11	Ci.-S.	Cu. ENE	----------	Cu.-N.	----------	Cu.-N.	----------	Cu.	----------	Cu. ENE
12	----------	N.-cf. E	----------	Cu. E	----------	Cu. E	----------	N.-cf. E	----------	N.-cf. E
13	----------	Cu. E	----------	Cu. E	----------	Cu. E	Ci.	Cu.	Ci.	Cu.
14	Ci.	Cu. E	Ci.	Cu. E	Ci.-S.	Cu. E	Ci. SW	Cu. E	Ci. SW	Cu.
15	Ci.-S.	N.-cf. ENE	----------	N. ENE	----------	Cu. ENE	----------	N.-cf. ENE	----------	S.-Cu.
16	Ci.-S.	Cu. ESE	----------	N.-cf. ESE	----------	Cu. ESE	A.-Cu.	Cu. ESE	A.-Cu.	Cu.
17	Ci.-S.	Cu.-N. E	Ci.-S.	Cu.-N. E	A.-Cu.	Cu.-N.	A.-Cu.	Cu.	A.-Cu. NE	Cu.
18	----------	N.-cf. E	Ci.-S.	Cu. E	Ci.-S.	Cu.	Ci.	Cu.	Ci. ESE	Cu.
19	----------	Cu. E	Ci.-S.	Cu.-N. E	A.-Cu.	Cu.-N. E	Ci.-S.	Cu. E	Ci.-S.	Cu. E
20	Ci.	Cu. E	----------	Cu. E	----------	Cu.	----------	Cu.	----------	Cu.
21	----------	Cu. E	----------	Cu.-N. E	----------	Cu. E	----------	Cu. E	----------	Cu. E
22	A.-Cu.	Cu. E	----------	N.-cf. ENE	----------	Cu. E	----------	Cu. E	----------	Cu. E
23	----------	Cu. E	----------	N.-cf. ENE	----------	Cu. E	----------	Cu.	----------	Cu.
24	----------	Cu.-N. E	----------	Cu.-N. ENE	----------	Cu.-N. ENE	Ci.-S.	Cu.	Ci.-S.	Cu.
25	Ci.-S.	Cu. E	----------	Cu. E	----------	Cu. E	Ci.	Cu. E	Ci.	Cu.
26	----------	N.-cf. ENE	A.-Cu.	Cu.-N. ENE	A.-Cu.	N. ENE	----------	N. ENE	----------	Cu.-N. ENE
27	----------	N.-cf. E	----------	N.-cf. E	----------	N.-cf. E	----------	N.	----------	N.
28	----------	N.-cf. E	----------	S.-Cu. E	----------	S.-Cu. E	----------	S.-Cu. ENE	----------	S.-Cu. ENE
29	----------	N.-cf. E	----------	N. E	----------	S.-Cu.	----------	N.	----------	N.
30	----------	N.	----------	N.	----------	N.-cf. E	Ci.-S.	S.-Cu.	----------	N.-cf.
31	Ci.	Cu. E	----------	Cu. E	Ci.	Cu. E	----------	Cu. E	A.-Cu.	Cu. E

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	NNW 3.5	NNW 3.5	NNW 3.5	NNW 2.5	NNE 1	NE 0.5	NNE 0.5	Calm	NW 0.5	NNE 2.5	W 5	NNW 2.5
2	NNW 3.5	NNW 3.5	NNW 4.5	NNW 3.5	NNW 3.5	NNW 5	NbyW 3	NNW 4	NNW 5	NNW 2.5	NW 3.5	NNW 1
3	E 2	SE 1.5	NNE 2	NNE 1	Calm	Calm	Calm	Calm	Calm	SW 2	SW 1	SW 2
4	SE 1	Calm	NNW 1.5	Calm	NNE 1	Calm	Calm	Calm	SW 1.5	WNW 2	NW 2.5	WNW 2
5	Calm	Calm	Calm	Calm	NW 1.5	Calm	Calm	Calm	Calm	Calm	NW .5	WNW 1
6	Calm	Calm	Calm	Calm	N .5	Calm	Calm	Calm	NNW .5	NNW .5	SW 3.5	SW 3
7	Calm	NE 1.5	NE 1.5	NE .5	NE 1.5	Calm	NE .5	Calm	N 1	NE 5.5	NE 4.5	NE 5.5
8	Calm	Calm	Calm	N 1.5	Calm	Calm	NE .5	E 1	Calm	Calm	Calm	Calm
9	Calm	Calm	SE .5	NNE 1	NE 1	Calm	Calm	Calm	Calm	Calm	W 3.5	NW 2
10	Calm	Calm	Calm	NE 1.5	NNE 1	NEbyE 1	NEbyE 2	Calm	Calm	WSW 2.5	WSW 3.5	WSW 4
11	Calm	Calm	Calm	Calm	ENE 1	Calm	Calm	Calm	Calm	WSW 1.5	Calm	W 2
12	Calm	Calm	Calm	Calm	NNE 1.5	NE .5	NE .5	NE 1.5	Calm	WSW 1	Calm	WSW 1.5
13	Calm	NNE 1.5	Calm	N 1.5	NNE 2	NE .5	NE .5	NE .5	NNE 1.5	ENE .5	Calm	SW 2.5
14	NE 1	NE 1	Calm	NE .5	Calm	NE .5	Calm	N 2	Calm	Calm	WNW 2	NNW 4
15	NE 1	NE 1	NNW 1	N 1	N 1	Calm	Calm	NbyW 1.5	NNW .5	NE 2	NNW 2.5	NNW 4
16	N 1.5	N 1	NNE 1.5	Calm	Calm	Calm	Calm	Calm	Calm	SSW .5	ENE 4	NE .5
17	Calm	Calm	Calm	Calm	NW 1	Calm	Calm	Calm	NNW .5	SW .5	SW 2	WNW 1.5
18	Calm	N 1	N 1	Calm	Calm	NNE .5	Calm	Calm	Calm	Calm	Calm	SW 1
19	Calm	Calm	SE .5	Calm	Calm	Calm	Calm	Calm	Calm	NE .5	NW 1.5	WbyN 1
20	NE .5	Calm	N 1	NNE 1	NNE .5	Calm	Calm	Calm	NE 1.5	Calm	WNW 2.5	SW 1
21	NNE 1	NE 1	ENE 1.5	N 1	Calm	Calm	NNE .5	NE .5	Calm	W 1.5	W 3	W 2
22	Calm	Calm	NE .5	NNE 1	NE 1	N .5	N 1.5	NE 1.5	Calm	W 1.5	NW 3	WNW 4
23	Calm	Calm	SE .5	Calm	SE .5	Calm	Calm	Calm	ENE 2.5	E .5	Calm	ENE 1.5
24	N 1.5	NNE 1.5	NE 1	Calm	N 1.5	Calm	Calm	NE 1	Calm	WSW 2	W 3	WSW 2
25	Calm	Calm	NNE 1.5	NNE .5	Calm	N .5	NNE .5	Calm	Calm	NNE 1	Calm	SW 1.5
26	ENE 1	Calm	ENE 1	NNE 1.5	ENE 2.5	ENE 1.5	NNE 1.5	NNE .5	NNE 1	N 1	N 5.5	NNE 3
27	NNE 2	NNE 2	NNE 2.5	NE 2	ENE 1.5	NE .5	NE .5	NNW .5	NNW 2	NNE 2	NNE 3.5	NE 3.5
28	NNE 2	NNE 1.5	Calm	N 1	NNW 2.5	NNE .5	Calm	Calm	NNW 3.5	Calm	Calm	Calm
29	Calm	Calm	Calm	Calm	Calm	Calm	Calm	NW .5	NW .5	N .5	W 1	NNE 1
30	NNW 1.5	NNW 2	NNW 1.5	NNE 2	NNW 2	N .5	NE 1	N 2.5	NNE 1	NNW 1.5	NNW 1	NNW 1
31	NNE 2.5	NNE 1.5	NNE 1	NNE 1	NE 1.5	NNW 1.5	NNE 2	Calm	Calm	NNE .5	NNE 1	WNW 1.5
Mean	0.8	0.8	1	0.8	1	0.5	0.5	0.6	0.7	1.2	2	2

Day.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Mid-night.	Mean.
1	NNE 3.5	NNE 2	SW 0.5	NE 0.5	NNE 2.5	NE 4.5	NNE 5	NNE 4.5	N 3.5	NNW 5.5	NNW 4.5	NNW 3.5	2.7
2	WNW 5	WNW 5	NE 4	NE 1.5	NNW 1	NNE 3	NNW 3.5	NNW 3.5	N 2.5	NNW 3.5	NNW 2.5	NNE 1.5	3.3
3	WSW 2	W 1	W 2	W .5	Calm	Calm	Calm	Calm	NE .5	NNE 1	Calm	E 1	.8
4	W 1	W 2.5	WSW 3	N 3	Calm	NNE .5	Calm	ENE 1	Calm	Calm	Calm	Calm	.9
5	SW 2	SSW .5	SW 1.5	Calm	N .5	Calm	Calm	Calm	NE 1	NE 1.5	N 1	Calm	.5
6	SSW 2.5	NNE 5.5	NE 1	NNE 1.5	NNE 1	NNE .5	Calm	Calm	Calm	Calm	Calm	Calm	.8
7	NNE 5	NE 1.5	NE 4	NE 1	NE 4	ENE 2.5	Calm	Calm	Calm	Calm	Calm	Calm	1.7
8	SW 1	WNW 2.5	SSW 1	SE 1	Calm	Calm	SE .5	Calm	SE 1	Calm	Calm	Calm	.4
9	WSW 4.5	Calm	ENE 6	E 2	E .5	Calm	Calm	Calm	E 1.5	E 1.5	Calm	Calm	1
10	SW 3.5	N 4	Calm	Calm	N 1	Calm	Calm	Calm	E 1.5	Calm	ENE 1	Calm	1.1
11	WNW 3	WNW 2	SE 2	Calm	Calm	Calm	Calm	E 1	ENE 1.5	E 1	E 1.5	NNE 1.5	.8
12	Calm	ENE 2	NNE 4.5	NNE 2	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	.6
13	SW 2	WNW 1	NNE 1.5	ENE 1.5	NE 1	Calm	Calm	NNE 1.5	NE 1.5	NE 1.5	NE 1.5	Calm	1
14	ENE 4	ENE 3.5	NE 2.5	Calm	Calm	NE 2	NE 1.5	NE 2	NE 1	Calm	NNE 2	Calm	1.2
15	N 4.5	NE 2	Calm	NNE 5	Calm	Calm	Calm	SE 2	SE 1.5	SE 1.5	SE 1.5	Calm	1.3
16	E 1	NE 2	ESE 1	SE 1	E .5	Calm	E 1.5	Calm	Calm	Calm	Calm	Calm	.7
17	NW 3.5	NW 1	Calm	NW 2.5	NW 2.5	NW .5	Calm	Calm	Calm	Calm	Calm	Calm	.6
18	E 7	E 5	E 2.5	E 3	E .5	Calm	Calm	Calm	Calm	Calm	Calm	Calm	.9
19	WNW 1	SSE 4	SE 6	Calm	Calm	Calm	Calm	Calm	Calm	NE .5	E 1	NNE .5	.7
20	W 1	W 1	ESE 1	E 1.5	NE 1	NE 1	Calm	NE 1.5	NE 1.5	NE 1.5	NE 2	NE 2.5	1
21	W 1	WSW 2	WSW 3	Calm	NE 2	Calm	Calm	Calm	ENE 1.5	ENE 1	NNE 1	Calm	1
22	SW 3.5	W 2.5	NNW 1	W 1.5	Calm	Calm	Calm	Calm	Calm	NNE .5	N .5	Calm	1
23	S .5	Calm	SE .5	SE 1	NE .5	NE .5	Calm	Calm	E 1.5	E .5	NNW 1	NW .5	.5
24	ESE 9	ESE 4.5	NE .5	N .5	N .5	Calm	NNW 1.5	N 1	N 1.5	N 1.5	N 1.5	N 1.5	1.5
25	WSW 4	WSW 4	SW .5	Calm	NE 1.5	NE .5	NE 1	NE 1.5	NE 1.5	NE 1.5	Calm	Calm	.9
26	NNE 5	NE 6.5	ENE 4	SE 1.5	SE 1.5	Calm	Calm	ESE 1	E 1.5	NNE 2.5	ENE .5	NE 1.5	1.9
27	NE 1	Calm	Calm	Calm	Calm	Calm	Calm	E 1	ESE 1.5	SE 1.5	Calm	NW 1	1.2
28	Calm	NE 3	NE 3	ENE 1	NE 2	E 1	Calm	NNE .5	Calm	Calm	Calm	Calm	.9
29	W 1	Calm	NNW 3	Calm	N 1	Calm	N 1	NNW 2	NNW 1.5	NNE 2	NE 1.5	NE 1.5	.8
30	NNW 4.5	NNW 3.5	NNW 2.5	N 2.5	N 4	N 2	NNW 2.5	NNW 3.5	N 2	N 2.5	NNW 2	NNW 2	2.1
31	W 2	Calm	SE .5	ESE 1	Calm	Calm	Calm	ESE 2	SE 2.5	SE .5	Calm	Calm	.9
Mean	2.9	2.4	2	1.2	0.9	0.6	0.6	1	1.1	1.1	0.8	0.6	1.1

WIND—VELOCITY IN KILOMETERS PER HOUR.

Day.	Mdt.-1 a.	1-2 a.	2-3 a.	3-4 a.	4-5 a.	5-6 a.	6-7 a.	7-8 a.	8-9 a.	9-10 a.	10-11 a.	11-Noon.
1	9	11	13	13	9	3	4	3	6	12	16	18.5
2	14	14	17	16.5	14.5	13.5	14.5	13	14	12	14	18
3	7	5.5	7.5	8	2	1	3	2	3	3	8	7
4	3	1	5	5	5	2	1	1	8	8	15	10
5	1.5	1	1.5	2.5	3	3	1	0	3	6	5	7
6	2	0	1	0	1	1	0	1	3	8	6	6
7	1	3.5	4.5	5	3	4	4.5	4.5	4.5	11.5	22	19
8	1.5	2	3.5	4	3	4	4	5	4	4	2.5	2.5
9	1	3.5	2.5	3	4	4.5	4.5	4	2	3	14	12
10	3	2.5	2.5	5	3.5	2.5	4	4	2.5	6.5	14	11.5
11	4	1.5	2.5	2	3	2.5	2.5	2	3.5	2.5	4.5	9.5
12	2.5	4.5	2	2.5	3.5	6	6	5.5	4.5	4	10	6.5
13	4.5	6	2.5	3	6	6	6	4	6	6	6	8
14	4.5	4.5	1	2	2.5	4.5	6	5	11	8	6	13.5
15	5	3	4.5	3	2	2	2	3	6.5	11.5	13	15
16	3.5	4.5	4	4	3	4	3	2.5	1.5	3	10	9
17	2	2	1.5	1	3.5	4	0	1	2	4	6	10
18	3.5	4	4	3.5	2.5	5	4	4	0	1	4	7.5
19	4	2	2.5	2	3	3.5	4	.5	1.5	2.5	10	12
20	2	1	2	4	3	4	4	5	5	5	11	12
21	5.5	4.5	5	5.5	2.5	3.5	5	4	3	7	10	12
22	4	1	3	1	4.5	3.5	11	8	4	3	11	14
23	3	2	1.5	3.5	2	2	1	1	6	6.5	7.5	5
24	3	9	10	5	3	5	4	1	3	3	13	11
25	3	3	3	5	4	1	3	2.5	2.5	3	3	6
26	2	3	3	5	7	6	4.5	5.5	8	10	17	16
27	7	7.5	7.5	7	8	5	4	5	7	10	19	17
28	5	7	4.5	3.5	4	6	4	4	6	7	7.5	4
29	2	2	3	4	1.5	1.5	2.5	1.5	2.5	1.5	9	5
30	7	5	7	7	8	9	5	5	4	4	10	10
31	7	6.5	4.5	3.5	3.5	1	2.5	1.5	1	2	7.5	8.5
Mean	4.1	4.1	4.4	4.5	4.1	4	4	3.5	4.5	5.8	10	10.4

AMOUNT OF CLOUDS (0–10).

Day.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	Mean.	Sunshine.
														h. *m.*
1	2	1	1	1	1	3	4	3	4	8	6	8	3.5	8 15
2	10	7	8	8	8	7	8	9	9	9	7	9	8.2	1 05
3	10	10	9	8	9	9	10	8	8	8	7	9	8.8	0 55
4	6	4	5	5	5	5	5	10	8	10	8	10	6.8	7 15
5	7	5	5	8	9	4	8	5	6	7	4	2	5.8	4 45
6	1	1	1	2	4	9	9	7	8	8	3	2	4.6	5 20
7	3	3	3	5	2	4	4	5	4	4	7	2	3.8	7 30
8	9	9	9	7	9	6	7	8	9	10	10	10	8.6	2 45
9	3	1	1	2	4	4	8	7	7	3	3	2	3.8	7 15
10	4	2	3	3	8	8	5	10	9	9	8	8	6.4	5 40
11	7	2	4	8	8	9	7	9	9	6	6	3	6.5	4 50
12	2	1	1	1	1	8	8	7	7	8	4	2	4.2	6 05
13	5	7	6	4	9	7	7	5	4	4	4	3	5.4	6 05
14	8	4	5	5	6	7	7	7	7	8	7	5	6.3	6 40
15	2	1	2	7	7	7	9	10	10	10	10	10	7.1	4 25
16	10	10	10	8	9	9	8	9	7	6	5	3	7.8	4 45
17	10	10	9	10	6	9	10	10	10	8	5	7	8.7	2 45
18	3	4	4	4	7	8	9	6	7	7	7	4	5.8	5 10
19	3	7	7	7	8	7	7	7	7	8	9	9	7.2	5 45
20	2	4	5	5	6	7	6	4	3	2	1	1	3.8	8 35
21	2	4	3	2	4	3	5	5	5	7	4	1	3.8	7 50
22	9	8	7	6	9	6	5	9	9	7	6	7	7.3	5 20
23	4	2	4	5	9	9	9	9	8	3	3	1	5.5	3 45
24	10	8	7	6	6	8	10	10	8	8	9	8	8.2	3 20
25	5	4	4	6	6	7	6	6	5	4	5	2	5	8 05
26	5	9	6	7	8	10	10	7	10	10	9	9	8.3	2 35
27	9	4	5	8	10	10	10	10	10	10	10	10	8.8	0 55
28	9	10	10	10	10	10	10	10	10	10	10	10	9.9	0 10
29	7	8	10	7	8	10	10	10	10	10	10	10	9.2	0 40
30	10	9	10	10	10	10	10	10	10	10	10	10	9.9	0 00
31	7	7	6	6	6	8	6	6	6	7	6	5	6.3	6 20
Total														144 50
Mean	5.9	5.4	5.5	5.8	6.8	7.4	7.6	7.7	7.5	7.4	6.5	5.9	6.6	4 40

WIND—VELOCITY IN KILOMETERS PER HOUR.

Noon–1 p.	1–2 p.	2–3 p.	3–4 p.	4–5 p.	5–6 p.	6–7 p.	7–8 p.	8–9 p.	9–10 p.	10–11 p.	11–Mdt.	Mean.
20.5	18	10.5	6.5	15	17	16	20	15	16	19	15	12.8
19	17	14	17	13	9	14	15	11	12	11	6	13.9
11	10	10	8	5	1	3	3	4	4	1	1	4.9
14	14	12	10	7	2	3	5	3	0	2.5	1	5.7
10	5	8	4	7	6	3	2	4	4.5	2.5	2	3.9
7.5	8.5	13.5	9	3.5	5	3.5	1	2.5	2.5	2.5	2	3.8
23	16	20	13	11	10	6	4	3	3.5	3	2.5	8.4
3.5	11.5	6	5.5	7	4.5	4.5	3	3.5	3	2.5	3.5	4.1
9.5	7.5	10	11.5	7.5	2.5	2.5	3.5	4.5	5.5	3.5	3	5.4
7.5	17.5	13	5.5	5	4	2	3	4	4.5	3.5	4	5.6
11	10.5	8.5	5	4	4	3	5.5	4	5	3.5	5	4.5
6.5	9	13	16.5	7.5	4	2	4	3	2	2	2	5.4
6	10	6	13	10.5	6	6	6.5	5.5	4.5	5	4	6.1
9.5	12.5	8.5	5	4	5	7	6	4	2	3.5	6	5.9
19	15	4.5	11.5	4.5	2.5	3	5	5	5	3	2	6.3
12.5	8.5	10	12	9	6.5	4.5	5.5	2	3	2.5	3	5.5
12	8	7	6	7	4.5	2.5	3	2	4	1	2.5	4
8.5	19	16	10	7.5	3.5	5	1	2	1.5	1.5	2.5	5
12	10	17	14	6	1	1	3	1	2	1	1	4.9
10.5	8.5	8	9	11	8	7	5	4	4	6	7.5	6.1
15	11	11	9	7	9	9	4	4	5	3.5	2.5	6.6
11	12	10	8	6	1	2	1	3	3	2	3	5.4
7	5	8	6	5	7	5	2	4	4	4.5	3.5	4.2
17	13	5	4	4	4	4	4	3.5	5.5	5	5	6
12	13	10	7	8.5	7.5	6	3.5	7	5	4	1.5	5.2
17	23.5	11.5	9	6	3	3	5	5.5	7	4	5.5	7.8
12	11	5	8	2	2	3	6	3	6	2	4	7
5	13.5	15	7	8	3	1	2	3	3.5	1.5	2	5.3
7	5	8	4.5	3.5	5	3	6.5	6.5	7	6	5	4.3
10.5	12.5	15	13	11.5	10.5	10	10.5	10.5	9	8.5	7.5	8.8
9	8	7	9	6.5	2.5	1	7	8	3	3	1	4.8
11.5	11.7	10.4	8.9	7.1	5.2	4.7	5	4.7	4.7	4	3.7	6.1

FREQUENCY OF THE WIND.

Day.	N.	NNE.	NE.	ENE.	E.	ESE.	SE.	SSE.	S.	SSW.	SW.	WSW.	W.	WNW.	NW.	NNW.	Calm.	Total wind velocity.	Atmidometer.	Rainfall.
																		Kms.	*mm.*	*mm.*
1	1	8	3								1		1		1	8	1	306	6.5	
2	2	2	2											2	1	15		333	4.5	
3		3	1		2		1				3	1	3				10	118	2.1	
4	1	2		1			1				1	1	2	2	1	1	11	137.5	2.4	6.9
5	2		2							1	2			1	2		14	92.5	1.9	
6	1	4	1							1	2					2	13	90	2.3	
7	1	1	12	1													9	202	3.5	
8	1		1		1		3			1	1			1			15	98	.5	10.9
9		1	1	1	4		1					1	1		1		13	129	2.4	
10	2	1	1	3	1						1	3					12	135	1.7	6.7
11		1		2	3		1					1	1	2			13	109	1.4	6.9
12		3	3	1								2					15	129	2.7	
13	1	5	7	2							2			1			6	147	2.4	
14	1	1	9	2										1		1	9	141.5	2.5	
15	4	1	4				3									4	8	150.5	1.3	4.8
16	2	1	2	1	3	1	1			1							12	131	2.3	2.3
17											2			1	6	1	14	96.5	1.1	.5
18	2	1			5						1						15	121	2.7	
19		1	2		1		2	1						2	1		14	116.5	2.5	
20	1	2	9		1	1					1		2	1			6	146.5	3.3	
21	1	3	3	3								2	4				8	157.5	2.9	.5
22	3	2	3								1		3	1	1	1	9	130	2.1	.1
23			2	2	3		4		1						1	1	10	102	2.2	3
24	9	1	3			2						2	1			1	5	144	1.4	
25	1	4	6								2	2					9	124	2.7	
26	2	7	2	6	1	1	2										3	187	1.8	16.2
27		5	5	1	1	1	1								1	2	7	168	1.2	6.6
28	1	4	3	1	1											2	12	127	1.9	
29	3	2	2										2		2	3	10	103	1.6	10.6
30	7	2	1													14		210	.5	
31		7	1			2	3						1	1		1	8	114	2.1	
Total	49	75	91	27	27	8	23	1	1	4	20	15	21	16	18	57	291	4.496	70.4	76
Mean	1.6	2.4	2.9	0.9	0.9	0.3	0.7	0	0	0.1	0.6	0.5	0.7	0.5	0.6	1.8	9.4	145	2.3	2.5

EXTREME VALUES.

Day.	Maxima.						Minima.					
	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.
	mm.		°C.		*Per cent.*	*mm.*	*mm.*		°C.		*Per cent.*	*mm.*
1	759.90	8.15a.	29.8	2.50p.	91	**16.7**	756.41	3.00p.	**17.4**	6.20a.	48	**13.5**
2	58.93	9.00a.	29.7	2.35p.	**81**	18.4	55.85	2.25p.	21	5.55a.	55	14.6
3	59.85	9.10p.	29.2	3.25p.	94	20.7	57.20	3.00p.	22.5	5.50a.	67	18.8
4	60	9.05a.	30.6	0.05p.	**99**	21.8	56.65	3.05p.	22.1	6.15a.	64	18.7
5	59.15	9.40a.	30.8	2.55p.	**99**	22.3	55.89	3.00p.	21.3	4.25a.	65	19.2
6	58.80	8.45a.	31.1	11.40a.	98	21.4	56.20	3.15p.	21.3	4.20a.	61	18.4
7	58.85	8.30a.	31.3	2.30p.	**99**	19.8	56.43	3.00p.	20.7	5.25a.	59	17.6
8	58.64	9.00a.	29.3	1.20p.	97	22.7	55.68	3.00p.	21.6	3.30a.	77	18.7
9	59.05	9.25a.	31.3	2.15p.	98	21.8	56.25	4.25p.	21.6	6.05a.	63	19.1
10	59.40	8.50a.	31	1.30p.	97	21.7	56.88	4.00p.	20.7	6.10a.	64	17.9
11	59.20	9.15a.	30.2	9.50a.	97	**22.9**	56.75	2.05p.	22.2	5.50a.	71	19.5
12	59.20	10.10p.	31.3	2.30p.	97	21.8	56.15	2.50p.	21	5.55a.	60	18
13	59.61	8.00a.	31.8	2.55p.	96	21.4	56.65	2.50p.	**21.5**	3.50a.	57	17.1
14	59.65	9.10a.	31.8	2.45p.	97	22.4	56.35	2.50p.	21.3	5.25a.	60	18.2
15	58.65	8.55a.	30.5	0.35p.	97	**21.3**	55.90	2.20p.	21.3	6.20a.	66	18.5
16	58.35	8.35a.	30.9	0.25p.	97	22.2	**54.70**	3.15p.	22	4.40a.	64	19.5
17	58.20	9.05a.	29.9	0.05p.	98	22.8	55.35	4.05p.	**22.7**	4.05a.	73	**20**
18	58.25	8.15a.	**32.2**	0.50p.	**99**	21.9	54.85	2.45p.	21.7	5.20a.	60.5	19.6
19	**58.10**	10.05p.	31.9	3.30p.	97	21.9	54.79	3.00p.	**22.7**	6.00a.	64	19.9
20	58.90	10.00p.	31.6	3.30p.	98	21	55.96	3.00p.	21.2	6.30a.	56	17.9
21	59.77	8.00a.	31.4	2.45p.	96	22.4	56.50	3.15p.	20.9	**6.20a.**	66	17.6
22	59.03	8.00a.	30.5	0.55p.	97	21.6	56.10	3.20p.	22.1	3.20a.	66	19.5
23	59	8.10a.	30.5	2.10p.	**99**	21.1	56.30	3.45p.	21	5.55a.	64	17.9
24	59.05	9.00p.	29.5	11.30a.	97	21.6	56.83	4.00p.	22.5	6.30a.	69	19.4
25	59.80	9.25a.	31	11.25a.	**99**	21.2	57.25	3.20p.	20	6.20a.	64	17.1
26	59.05	8.10a.	29.2	11.45a.	97	20.5	56.64	2.00p.	21.2	2.25a.	66.5	18.3
27	59	9.00p.	27.4	10.45a.	96	20.9	56.90	2.50p.	21.7	6.35a.	71	18.4
28	**60.05**	7.50a.	27.8	0.40p.	95	19.3	**57.72**	2.00p.	21.2	6.25a.	67	17.4
29	59.40	Midnight.	28.5	10.10a.	96	19.8	56.60	2.10p.	**21.2**	5.55a.	68	17.9
30	59.35	0.05a.	**26.8**	11.10a.	97	20.6	56.55	3.00p.	**21.2**	2.55a.	**81**	17.9
31	59.45	8.35a.	31.3	3.10p.	98	22.4	55.95	2.45p.	21.3	6.10a.	62	18.9
Mean	759.15	-------	30.3	-------	96.5	21.2	756.27	-------	21.4	-------	64.5	18.2

DAILY GENERAL REMARKS.

1____☋ in the evening.
2____Overcast.
3____●° in the morning; convergence of Ci. toward ESE in the afternoon.
4____Thundershowers in the afternoon.
5____Cloudy weather.
6____Do.
7____Do.
8____d°, convergence of Ci. toward NW in the morning; ●° in the forenoon; ● in the afternoon and at night.
9____Cloudy weather.
10____◹ NE quadrant, ● in the afternoon.
11____● in the afternoon.
12____Cloudy weather.
13____∪ early in the morning.
14____◠², p° in the morning.
15____d in the afternoon; ● at night.
16____●° in the morning and at night.
17____☋° early in the morning; ≡°, ●° in the morning; p° in the afternoon.
18____Cloudy weather.
19____┬° N in the afternoon.
20____Cloudy weather.
21____Do.
22____p°, convergence of Ci. toward SSW in the morning; ●° in the afternoon.
23____Cloudy weather.
24____● in the early morning; ◹°, d°, gusty ESE winds in the afternoon.
25____Cloudy weather.
26____● in the afternoon and night.
27____● in the afternoon.
28____Overcast.
29____● in the afternoon and at night.
30____● in the early morning.
31____≡°, d°, convergence of Ci. toward SW in the morning; ◠ in the afternoon.

GENERAL SUMMARY FOR 1916.

MONTHLY AND YEARLY RESULTS OF METEOROLOGICAL OBSERVATIONS FOR 1916 AND COMPARISONS WITH THEIR NORMAL VALUES.

Month.	Atmospheric pressure.									
	Mean, 1916.	Normal, 1885-1916.	Departure.	Mean maximum.	Mean minimum.	Absolute maximum.	Day.	Absolute minimum.	Day.	Range.
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*		*mm.*		*mm.*
January	759.64	761.15	−1.51	761.08	758.09	764.10	10	754.30	2	9.80
February	58.82	61.25	−2.43	60.46	57.11	62.87	14	55.70	2	7.17
March	59.80	60.54	−.74	61.45	57.89	63.53	24	56	7	7.53
April	58.88	59.42	−.54	60.33	56.98	63.70	7	53.75	18	9.95
May	57.88	58.35	−.47	59.22	56.25	60.95	17	54	27	6.95
June	56.77	57.92	−1.15	58.14	55.15	61.15	25	52.60	12	8.55
July	57.63	57.24	+.39	58.81	56.21	60.30	6	54.15	23	6.15
August	57.76	57.33	+.43	59.20	56.27	61.75	22	52.70	11	9.05
September	56.68	57.42	−.74	58.23	55.15	60.80	1	50.85	24	9.95
October	58.33	58.65	−.32	59.75	56.71	61.95	26	55.06	16	6.89
November	57.71	59.36	−1.65	59.14	56.08	61.30	13	53.97	16	7.33
December	57.79	60.35	−2.56	59.15	56.27	60.05	28	54.70	16	5.35
Year	758.14	759.08	−0.94	759.58	756.51	764.10	I 10	750.85	IX 24	13.25

Month.	Temperature in shade.									
	Mean, 1916.	Normal, 1885-1916.	Departure.	Mean maximum.	Mean minimum.	Absolute maximum.	Day.	Absolute minimum.	Day.	Range.
	°C.	°C.	°C.	°C.	°C.	°C.		°C.		°C.
January	24.8	24.9	−0.1	30.1	21.2	32.8	9	17.4	18	15.4
February	25.3	25.3	0	30.8	21.1	33.2	23	16.9	8	16.3
March	26.4	26.6	−.2	32.7	21.5	34.9	29	20	3	14.9
April	27.3	28.1	−.8	33.4	22.7	35	24, 28	20.4	16	14.6
May	27.4	28.4	−1	33.4	23.3	35.5	21	22	23	13.5
June	27.1	27.9	−.8	32.4	23.8	35.1	5	22.3	23, 24	12.8
July	26.9	27	−.1	32.1	23.6	34.1	9	22.4	2	11.7
August	27.2	27	+.2	31.4	24	33.5	25	22	22	11.5
September	26	26.8	−.8	30.6	23.3	33.3	7	22.3	9, 18, 30	11
October	25.9	26.7	−.8	30.5	23	33.8	1	21.6	28	12.2
November	25.7	25.9	−.2	30.7	22.2	32	4	19.5	14	12.5
December	24.9	25.2	−.3	30.3	21.4	32.2	18	17.4	1	14.8
Year	26.2	26.6	−0.4	31.5	22.6	35.5	V 21	16.9	II 8	18.6

Month.	Relative humidity.									
	Mean, 1916.	Normal, 1885-1916.	Departure.	Mean maximum.	Mean minimum.	Maximum.	Day.	Minimum.	Day.	Range.
	Per cent.	*Per cent.*	*Per cent.*	*Per cent.*	*Per cent.*	*Per cent.*		*Per cent.*		*Per cent.*
January	77.9	78.1	−0.2	92.1	59.8	97	various	44	17	53
February	78.1	73.9	+4.2	93.8	59	99	3, 7	47	23	52
March	73.4	71.5	+1.9	92.4	52.4	97	24	39	22	58
April	75	69.7	+5.3	91.8	55.5	98	19	47	2, 8, 13	51
May	77.8	76	+1.8	93.2	58.1	97	8, 11, 17	45	18	52
June	83.5	80.8	+2.7	96.2	66.7	99	14, 15, 23	50	3	49
July	85	84.8	+.2	96.7	67.8	99	28	59	8	40
August	84	85	−1	96.3	69.2	100	22, 23	57.5	25	42.5
September	88.4	85.8	+2.6	97.6	71.4	99	various	61	7	38
October	87.6	83.7	+3.9	97.4	69.8	99	17, 24, 28	56	25	43
November	83.9	82.5	+1.4	96	64.8	99	6	47	30	52
December	84.3	81.3	+3	96.5	64.5	99	various	48	1	51
Year	81.6	79.4	+2.2	95	63.2	100	VIII 22, 23	39	III 22	61

MONTHLY AND YEARLY RESULTS OF METEOROLOGICAL OBSERVATIONS, ETC.—Continued.

Month.	Vapor pressure.									
	Mean, 1916.	Normal, 1885–1916.	Departure.	Mean maximum.	Mean minimum.	Maximum.	Day.	Minimum.	Day.	Range.
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*		*mm.*		*mm.*
January	18	18.1	−0.1	19.4	16.7	22.8	3	11.7	17	11.1
February	18.5	17.5	+1	19.9	17.1	21.8	3	13.8	7	8
March	18.5	18.1	+.4	20	16.9	22.7	8	14.2	11	8.5
April	20	19.4	+.6	21.6	18.5	23.8	24	16.1	16	7.7
May	20.8	21.6	−.8	22.5	19.3	25.5	26	16.6	5	8.9
June	22	22.3	−.3	23.4	20.8	24.8	16	18.6	3	6.2
July	22.3	22.4	−.1	23.6	21.1	24.6	29	19.5	2	5.1
August	22.4	22.4	0	23.6	21.3	24.7	13	19.8	23	4.9
September	22	22.4	−.4	23.4	20.8	25.2	21	19.7	9	5.5
October	21.5	21.6	−.1	22.9	20.2	25.4	2	19.1	5, 28	6.3
November	20.4	20.3	+.1	22	19	24	24	14.4	30	9.6
December	19.6	19.2	+.4	21.2	18.2	22.9	11	13.5	1	9.4
Year	20.5	20.4	+0.1	22	19.2	25.5	V 26	11.7	I 17	13.8

Month.	Relative frequency of the wind from—											
	NNE–E.			ESE–S.			SSW–W.			WNW–N.		
	Mean, 1916.	Normal, 1885–1916	Departure.	Mean, 1916.	Normal, 1885–1916	Departure.	Mean, 1916.	Normal, 1885–1916	Departure.	Mean, 1916.	Normal, 1885–1916	Departure.
January	9	7.6	+1.4	2	3.5	−1.5	1	3.3	−2.3	9	4	+5
February	6	7.4	−1.4	5	5.2	−.2	5	3.6	+1.4	3	2.8	+.2
March	6	6.8	−.8	9	7.5	+1.5	4	3.5	+.5	2	2	0
April	7	5.8	+1.2	4	8.1	−4.1	6	3.9	+2.1	2	1.8	+.2
May	7	4.9	+2.1	5	5.4	−.4	4	6.2	−2.2	3	2.4	+.6
June	4	4.2	−.2	6	5	+1	7	7.4	−.4	1	2.4	−1.4
July	4	3.1	+.9	3	3.8	−.8	6	10	−4	3	2.5	+.5
August	2	2.5	−.5	2	2.9	−.9	13	11.8	+1.2	2	2.3	−.3
September	3	3.2	−.2	4	3.4	+.6	6	9.7	−3.7	3	2.5	+.5
October	6	5.6	+.4	2	3.1	−1.1	2	5.2	−3.2	3	3.2	−.2
November	6	7.4	−.8	2	2.6	−.6	4	3.1	+.9	4	4.3	−.3
December	7	8	−1	1	2.2	−1.2	2	2.6	−.6	4	4.6	−.6
Year	5.6	5.5	+0.1	3.8	4.4	−0.6	5	5.9	−0.9	3.2	2.9	+0.3

Month.	Velocity of the wind.										
	Mean, 1916.	Total, 1916.	Normal, 1885–1916.	Departure.	Daily maximum.	Day.	Daily minimum.	Day.	Range.	Hourly maximum.	Day and hour.
	Km.	*Km.*	*Km.*	*Km.*	*Km.*		*Km.*		*Km.*	*Km.*	
January	214.1	6,637.5	5,128.3	+1,509.2	460	14	100.5	27	359.5	36	14, 1–2p.
February	166	4,814	5,355.4	−541.4	238.5	8	68.5	15	170	25.5	8, 5–6p.
March	188.8	5,853.5	6,857.1	−1,003.6	239.5	20	125.5	18	114	24	8, 3–4p.
April	186.4	5,592	6,900.4	−1,308.4	284.5	21	118.5	17	166	26	21, 6–7p.
May	180.7	5,601	6,838.5	−1,237.5	312	3	122.5	10	189.5	31	3, 10–11a.
June	185.4	5,561.5	6,721.2	−1,159.7	317	16	84.5	7	232.5	39.5	22, 11–noon
July	169.3	5,248	8,450.4	−3,202.4	340	23	29	17	311	32.5	29, 3–4p.
August	328	10,167.5	9,051.1	+1,116.4	675	12	52	29	623	43	12, 10–11a.
September	186.1	5,583.5	8,023.7	−2,440.2	478.5	4	76	10	402.5	42	3, 3–4p.
October	110.8	3,434	5,258.4	−1,824.4	257.5	10	52	23	205.5	22	11, 10–11a.
November	139.7	4,190.5	4,768.1	−577.6	269	15	84.5	3	184.5	25	15, 2–3p.
December	145	4,496	4,708.5	−212.5	333	2	90	6	243	23.5	26, 1–2p.
Year	183.4	67,179	78,061.1	−10,882.1	675	VIII 12	29	VII 17	646	43	VIII 12, 10–11a.

MONTHLY AND YEARLY RESULTS OF METEOROLOGICAL OBSERVATIONS, ETC.—Continued.

Month.	Duration of sunshine.										Amount of clouds.		
	Mean, 1916.		Total, 1916.		Normal, 1890–1916.		Departure.		Maximum.		Day.	Mean, 1916.	Normal, 1885–1916.	Departure.
	h.	*m.*	*h.*	*m.*	*h.*	*m.*	*h.*	*m.*	*h.*	*m.*		*0-10.*	*0-10.*	*0-10.*
January	3	48	117	50	188	06	— 70	16	9	05	4	7.4	5.4	+2
February	6	14	180	40	198	55	— 18	15	9	55	29	6	4.9	+1.1
March	7	10	222	00	238	18	— 16	18	10	20	8	4.6	4.4	+ .2
April	7	20	224	20	261	54	— 37	34	10	55	20	4.8	4.1	+ .7
May	5	32	171	20	230	21	— 59	01	10	35	19	6.8	5.7	+1.1
June	4	15	127	35	171	52	— 44	17	9	40	3	8.2	7	+1.2
July	4	58	153	55	145	42	+ 8	13	9	30	31	7.6	7.8	— .2
August	5	16	163	05	140	50	+ 22	15	10	15	24	7.9	7.9	0
September	3	04	92	10	135	25	— 43	15	9	20	20	8.5	7.7	+ .8
October	3	09	97	35	167	19	— 69	44	10	20	1	8.1	6.7	+1.4
November	5	40	170	05	163	46	+ 6	19	9	40	5	6.4	6.3	+ .1
December	4	40	144	50	156	31	— 11	41	8	35	20	6.6	6.2	+ .4
Year	5	06	1,865	25	2,198	59	—333	34	10	55	IV 20	6.9	6.2	+0.7

Month.	Rainfall.									
	Total, 1916.	Normal, 1865–1916.	Departure.	Daily maximum.	Day.	Hourly maximum.	Day and hour.	Rainy days, 1916.	Normal, 1866–1916	Departure.
	mm.	*mm.*	*mm.*	*mm.*		*mm.*				
January	38.2	27.1	+ 11.1	20.8	2	8.4	2, 1–2p.	7	5	+ 2
February	23.6	10.6	+ 13	20.7	15	8.9	15, 2–3p.	4	3	+ 1
March	29.1	18.1	+ 11	16.8	18	8.6	18, 4–5p.	5	3	+ 2
April	46.2	34.1	+ 12.1	33.8	18	33.8	18, 7–8p.	5	4	+ 1
May	39.8	106.3	— 66.5	9.3	7	5.6	1, noon–1p.	15	10	+ 5
June	224.6	233.6	— 9	72.9	14	19.8	11, 5–6p.	17	16	+ 1
July	179.9	395.3	—215.4	46	14	30.2	14, 4–5p.	25	21	+ 4
August	282.3	361.1	— 78.8	43.7	22	33.5	22, 10–11p.	24	22	+ 2
September	372.6	372.5	+ .1	74.2	4	13.2	4, 8–9p. 15, 4–5p.	25	20	+ 5
October	223.6	184.6	+ 39	43	21	28.7	1, 7–8p.	25	16	+ 9
November	106.5	128.3	— 21.8	21.6	22	13	19, 2–3p.	15	12	+ 3
December	76	62.4	+ 13.6	16.2	26	13.7	26, 3–4p.	13	9	+ 4
Year	1,642.4	1,934	—291.6	74.2	IX 4	33.8	IV 18, 7–8p.	180	141	+39

DEPARTMENT OF AGRICULTURE AND NATURAL RESOURCES
WEATHER BUREAU
REV. JOSÉ ALGUÉ, S. J., DIRECTOR

ANNUAL REPORT OF THE WEATHER BUREAU

FOR THE YEAR 1916

PART III

METEOROLOGICAL OBSERVATIONS MADE AT THE SECONDARY STATIONS DURING THE CALENDAR YEAR 1916

MANILA
BUREAU OF PRINTING
1918

153322

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INTRODUCTION.

In this volume (Part III) of the report of the Weather Bureau for 1916 we publish the meteorological observations made in the various stations which at present constitute the meteorological service of the Philippines, a service established by Act No. 131 of the Philippine Commission May 22, 1901.

In Part II of the report for 1902, pages 52 to 60, will be found a detailed account of the establishment and organization of these branch stations and a list of the instruments with which they are equipped, according to their class.

The report of the various observers are carefully collated and examined at the Central Observatory, but it is evident that the Directors cannot assume the full responsibility for the accuracy of these observations. As every meteorologist knows, in observations of this kind much must be left to the conscientious care of the observer. Hence, while we take this opportunity to express our confidence in our observers, we think it proper to subjoin the following list, which gives some particulars about the stations and also the names of the observers who are primarily responsible for the accuracy of the observations in this volume (Part III) of the Annual Report of the Weather Bureau.

SECONDARY STATIONS AND OBSERVERS OF THE WEATHER BUREAU.

Town.	Province.	Island.	North latitude.	East longitude.	Observer.	Class.
			° /	° /		
Jolo	Sulu	Jolo	6 03	121 00	Rufino de la Cruz	III
Zamboanga	Zamboanga	Mindanao	6 54	122 05	Ramon Ortega / Pedro M. Asturias	III
Davao	Davao	do	7 01	125 35	Lamberto Garcia	III
Cagayan	Misamis	do	8 29	124 38	Dolorito Contreras / Juan Hernandez	III
Butuan	Agusan	do	8 56	125 32	Generoso Copin	III
Dumaguete	Oriental Negros	Negros	9 18	123 19	Matias Ordiales	III
Yap	Western Carolines	Yap	9 29	138 08	Prudencio Z. Urbiztondo	III
Tagbilaran	Bohol	Bohol	9 38	123 51	Francisco Burgos	II
Iwahig	Palawan	Palawan	9 44	118 38	Filemon C. Bulaong	III
Surigao	Surigao	Mindanao	9 48	125 29	Francisco Tiangco	II
Maasin	Leyte	Leyte	10 08	124 50	Aguedo Espina	III
Cebu	Cebu	Cebu	10 18	123 54	Domingo de los Angeles	I
Iloilo	Iloilo	Panay	10 42	122 34	Ricardo A. Luna	I
San Jose Buenavista	Antique	do	10 44	121 55	Teodoro Peñeiro	III
Cuyo	Palawan	Cuyo	10 51	121 01	Roman Kabigting	III
Ormoc	Leyte	Leyte	11 00	124 36	Pedro Baltasar	I
Guiuan	Samar	Samar	11 02	125 44	Patricio Yabao	III
Tacloban	Leyte	Leyte	11 15	125 00	Deogracias Tablan	II
Capiz	Capiz	Panay	11 35	122 45	Juan Lugod	II
Borongan	Samar	Samar	11 37	125 26	Godofredo Bacolo	III
Catbalogan	do	do	11 47	124 51	Clemente M. Letaba	III
Calbayog	do	do	12 04	124 36	Segundo Peñaflorida	II
Masbate	Sorsogon	Masbate	12 22	123 36	Vicente M. Sañano	IV
Romblon	Capiz	Romblon	12 35	122 16	Pedro M. Asturias / Dolorito Contreras	III
Batag	Samar	Batag	12 40	125 04	Placido A. Edroso	IV
Legaspi	Albay	Luzon	13 09	123 45	Bernardino Costa	I
Sumay	Ladrone Islands	Guam	13 24	144 38	Herbert Taylor	III
Calapan	Mindoro	Mindoro	13 25	121 11	Aquilino Nokom	III
Virac	Albay	Catanduanes	13 35	124 14	Eusebio Talion	III
Naga	Ambos Camarines	Luzon	13 37	123 11	Eduardo Ontengco	III
Batangas	Batangas	do	13 45	121 03	Enrico Cabral / Jose N. Cabrera	III
Lucena	Tayabas	do	13 56	121 37	Vicente Valderrama	III

SECONDARY STATIONS AND OBSERVERS OF THE WEATHER BUREAU—Continued.

Town.	Province.	Island.	North latitude.	East longitude.	Observer.	Class.
			° ′	° ′		
Atimonan	Tayabas	Luzon	14 00	121 55	Leon G. Guinto	I
Ambulong, Tanauan	Batangas	do	14 07	121 04	Gregorio Peralta	II
Canlubang, Calamba	Laguna	do	14 13	121 07	Nicolas Princena	IV
Paracale	Ambos Camarines	do	14 17	122 47	Benito Pelaez	II
Santa Cruz	Laguna	do	14 18	121 25	Doroteo Eusebio	III
Antipolo	Rizal	do	14 36	121 10	Valeriano Garcia	IV
Iba	Zambales	do	15 20	119 58	Apolonio Perez / Antonio Gaza	III
San Isidro	Nueva Ecija	do	15 22	120 53	Bernardo Pecache	II
Dagupan	Pangasinan	do	16 03	120 20	Jose M. Sison	I
Bolinao	do	do	16 24	119 53	Ezequiel Reinoso	II
Baguio	Mountain	do	16 25	120 36	Pastor P. Daroy	I
San Fernando	Union	do	16 37	120 19	Estanislao F. Feraren	III
Echagüe	Isabela	do	16 41	121 39	Benito Maramba	III
Candon	Ilocos Sur	do	17 12	120 26	Luis Quismorio	IV
Vigan	do	do	17 34	120 23	Jose de Jesus	II
Tuguegarao	Cagayan	do	17 36	121 40	Jose C. de Leon	II
Laoag	Ilocos Norte	do	18 12	120 35	Jose Saez	II
Aparri	Cagayan	do	18 22	121 38	Manuel Delgado	I
Santo Domingo	Batanes	Batan	20 28	121 59	Claudio Castillejos	III

REMARKS.

The hours of observations at the first and second class stations are 2 a. m., 6 a. m., 10 a. m., 2 p. m., 6 p. m., 10 p. m.; at the third and fourth class stations, 6 a. m. and 2 p. m. The time used is that of the one hundred and twentieth meridian east of Greenwich.

The barometer readings are reduced to sea level and 0° C., but no correction has been applied to eliminate the effect of gravity depending on the latitude of the place of observation.

INTERNATIONAL SYMBOLS FOR CLOUD FORMS.

Ci. =Cirrus.	Cu.-N. =Cumulo-nimbus.
Ci.-S. =Cirro-stratus.	S. =Stratus.
Ci.-Cu. =Cirro-cumulus.	Fr.-Cu. =Fracto-cumulus.
A.-Cu. =Alto-cumulus.	Fr.-N. =Fracto-nimbus.
A.-S. =Alto-stratus.	Fr.-S. =Fracto-stratus.
S.-Cu. =Strato-cumulus.	S.-cf. =Stratus-cumuliformis.
N. =Nimbus.	N.-cf. =Nimbus-cumuliformis.
Cu. =Cumulus.	M.-Cu. =Mammato-cumulus.

METEOROLOGICAL OBSERVATIONS MADE AT FIRST AND SECOND CLASS STATIONS DURING THE CALENDAR YEAR 1916.

TAGBILARAN.

[ϕ=9° 38′ N; λ=123° 51′ E; barometer above sea, 26.2 meters; gravity correction not applied, —1.86 mm.]

JANUARY, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.27	56.79	56.88	54.93	56.18	54.92	56	24	22	23	22.2	20.6	22.1	22.3	24.4	19.8	95	97	91	88	96	93	93.3	20.6
2	53.91	55.09	56.10	54.88	55.79	56.72	55.33	24.5	25	24	27.6	25.8	25.5	25.4	28.3	23.3	83	84	92	79	88	88	85.7	35.6
3	56.43	57.11	58.04	56.43	57.81	59.17	57.50	25.7	25.4	29.4	29.5	26.8	24.7	26.9	30.3	24	88	90	73	70	82	92	82.5	------
4	58.46	59.69	60.34	58.15	58.96	59.71	59.22	24	23.4	29.5	29.9	26.8	24.8	26.4	30.9	22.8	92	95	73	77	89	92	86.3	------
5	58.97	59.92	60.63	58.33	58.96	59.75	59.43	23.9	23.9	30.6	31	26.6	25.1	26.8	31.5	23	94	95	70	71	90	92	85.3	3.8
6	59	59.69	60.27	58.24	59.09	59.41	59.28	24.3	24.1	31	29.3	26	24	26.4	31.6	23.5	94	95	70	73	91	92	85.8	1.8
7	59.11	60.18	60.35	58.18	58.91	59.81	59.42	23.6	24.3	29	28	26	24	25.8	30.4	22.8	93	94	75	82	92	96	88.7	------
8	59.63	60.32	60.49	58.84	60.09	60.47	59.97	23	23.1	28.6	29.6	25.6	24.4	25.7	31.3	22.1	97	97	75	75	89	93	87.7	1
9	60.14	60.94	61.20	59.16	60.83	61.85	60.69	23.3	24	27	28.1	26	24.4	25.5	28.6	22.6	94	95	89	82	90	88	89.7	4.9
10	60.58	61.52	61.24	58.68	60.01	61.19	60.54	23.8	23.8	30.9	29.6	26.4	25.2	26.6	31.7	23.3	91	92	69	73	86	92	83.8	------
11	60.01	60.98	61.22	58.48	59.76	59.73	60.03	24.4	24	29.7	30.3	26.7	24.6	26.6	32.3	23.5	93	96	65	73	83	93	83.8	------
12	58.81	59.44	60.14	58.54	59.34	59.62	59.32	24.2	24.1	23.5	24	22.9	22.4	23.5	25.4	21.7	93	95	93	93	96	96	94.3	8.9
13	58.52	58.59	58.70	56.66	57.59	57.52	57.93	22.7	23.1	27.2	27	24.7	24.6	24.9	27.5	21.6	96	97	79	80	92	90	89	------
14	56.15	56.29	56.68	54.09	54.85	55.91	55.66	24	24.2	25.1	25.7	24.6	23.9	24.6	26.1	23	94	95	91	88	93	96	92.8	11
15	54.48	54.12	55.06	53.07	53.22	54.98	54.16	24.3	25	27.4	26.5	25.8	25.3	25.7	28.4	23.4	90	91	83	89	89	96	89.7	------
16	53.98	55.29	56.04	54.07	55.87	56.94	55.36	24.4	24.2	27.1	26.7	25	24.9	25.4	28.5	23.6	96	97	79	79	87	86	87.3	------
17	56.25	57.01	57.85	55.96	57.52	58.61	57.20	24.1	24.1	26.5	26.6	24.8	24.4	25.1	27.4	23.5	90	91	79	74	88	83	84.2	------
18	57.73	58.64	59.20	57.31	58.81	59.21	58.48	24	23.2	26.6	28.6	25.1	23.5	25.2	29.1	22.8	89	91	83	75	94	95	87.8	------
19	57.97	58.58	59.52	57.82	59.16	59.58	58.77	23.5	24	26.8	27.5	25.1	23.7	25.1	28.5	22.6	96	96	84	82	91	93	90.3	------
20	58.73	59.46	59.08	57.27	58.51	58.83	58.65	23.3	21.7	27.2	27.6	24.9	23.9	24.8	29.2	21.3	95	96	83	84	91	91	90	------
21	58.07	57.93	58.78	56.84	56.74	56.88	57.54	23.9	23.3	23.9	24	23.4	23.8	23.7	24.4	22.7	91	94	94	91	97	93	93.3	.8
22	55.96	56.25	56.61	55.08	56.14	56.23	56.04	23.9	24.3	25	24.9	24.9	24.2	24.5	25.9	23	92	93	91	91	92	91	91.7	1.1
23	55.43	56.14	56.36	54.79	56.42	56.67	55.97	23.9	24.1	26.9	26.2	25.2	24.7	25.2	27.4	23.5	96	97	86	83	93	95	91.7	1.6
24	55.91	56.43	56.77	55.41	56.83	57.77	56.52	24.5	24.7	27.6	27	25	24.2	25.5	28.4	23.7	90	91	79	76	85	92	85.5	.8
25	57.26	57.99	58.33	56.13	57.43	58.37	57.58	23.8	23.2	28.5	28.8	24.9	24.2	25.6	29.4	22.5	95	97	74	69	90	93	86.3	------
26	56.93	57.69	58.11	55.61	57.22	58.33	57.32	23.8	23.4	27.7	30	25.6	25	25.9	31	22.6	91	92	77	71	87	90	84.7	------
27	57.07	57.21	57.45	55.06	56.89	57.36	56.84	23.9	23.9	28.7	27.8	25.7	24.9	25.8	31	23.3	93	94	81	84	90	95	89.5	.8
28	56.29	57.28	57.84	55.77	56.85	57.75	56.96	24.2	23.9	28.3	28	25.7	25	25.8	28.7	23.3	94	95	80	86	93	96	90.7	1
29	56.47	57.24	57.51	55.85	56.17	57.21	56.66	24	23.4	28.3	26.8	26.4	24.8	25.6	29.7	22.6	93	95	80	89	92	95	90.7	------
30	56.37	57.88	58.10	55.60	56.48	57.44	56.98	24.3	23.9	26.5	27.2	25.8	24	25.3	29.8	23.3	93	95	84	83	89	93	89.5	------
31	56.62	57.18	57.50	55.40	56.05	57.25	56.67	23	23	29.5	29.6	26.6	24.7	26.1	30.6	22.5	96	97	73	72	86	95	86.5	------
Mean	57.34	58.03	58.46	56.44	57.56	58.23	57.68	23.9	23.8	27.5	27.6	25.3	24.4	25.4	29	22.8	92.8	94.2	80.5	80.1	90	92.4	88.3	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	93.7

Day.	Wind.														Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		Mean force.	6 a. m.			2 p. m.			
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.		Amount.	Form and direction.		Amount.	Form and direction.		
															Upper.	Lower.		Upper.	Lower.	
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–10*			*0–1*			
1	Calm	----	NNW	1	N	4	N	1	Calm	----	Calm	----	1	10	----------	N. NNE	10	----------	N. NNW	
2	Calm	----	S	2	S	4	S	2	Calm	----	S	2	1.7	10	Ci.-S.	Cu. W	9	Ci.-S.	Cu. WSW	
3	Calm	----	S	1	S	2	S	3	Calm	----	Calm	----	1	7	Ci.	Cu. SSW	3	Ci.	Cu.	
4	Calm	----	Calm	----	SSE	3	NNW	2	Calm	----	Calm	----	.8	1	Ci.	Cu.	5	Ci.	Cu. NE	
5	Calm	----	Calm	----	NNW	1	S	2	Calm	----	Calm	----	.5	6	Ci.	Cu. NE	4	Ci.	Cu. E	
6	Calm	----	Calm	----	SSE	1	S	1	Calm	----	Calm	----	.3	7	Ci.	Cu. ESE	7	Ci.	Cu. E	
7	Calm	----	Calm	----	S	1	S	4	Calm	----	Calm	----	.8	8	Ci.-S.	Cu. E	7	Ci.-S.	Cu. E	
8	Calm	----	Calm	----	S	2	NNW	1	Calm	----	Calm	----	.5	3	Ci.	Cu. E	7	Ci.-S.	Cu. E	
9	Calm	----	Calm	----	NNE	2	Calm	----	Calm	----	S	1	.5	7	Ci.-S.	Cu. E	10	Ci.-S.	Fr.-N.ENE	
10	Calm	----	Calm	----	N	2	S	2	NNE	1	Calm	----	.8	6	Ci.	Cu. ENE	5	Ci.	Cu. ENE	
11	Calm	----	SSE	1	NNE	2	NNE	2	Calm	----	Calm	----	.8	9	Ci.-S.	Cu. ENE	6	Ci.	Cu. ENE	
12	Calm	----	Calm	----	SE	3	NNE	1	Calm	----	Calm	----	.7	10	Ci.-S.	Fr.-Cu.NE	10	----------	N. ENE	
13	Calm	----	Calm	----	NNW	1	NNE	1	Calm	----	Calm	----	.3	10	Ci.-S.	Fr.-Cu. E	10	Ci.-S.	Fr.-N.NE	
14	Calm	----	Calm	----	N	1	NNE	1	NNW	2	SW	2	1	10	A.-S.	Fr.-N. NE	10	A.-S.	Fr.-Cu. NE	
15	Calm	----	SW	2	SSW	1	SSW	1	SW	2	Calm	----	1	10	----------	N. W	10	A.-S.	Fr.-N.SW	
16	Calm	----	Calm	----	N	4	NNW	5	NW	3	NW	2	2.3	10	A.-S.	N. NNE	10	Ci.-S.	Fr.-Cu.N	
17	Calm	----	Calm	----	N	2	NW	3	NNW	3	NNW	2	1.7	10	----------	Cu.NNW	10	Ci.-S.	Cu. N	
18	Calm	----	N	2	N	3	NNW	3	N	1	NNW	2	1.8	10	Ci.-S.	S.-Cu.	10	Ci.-S.	cu. NNE	
19	Calm	----	S	2	N	3	NNW	2	Calm	----	Calm	----	1.2	10	Ci.-S.	Cu. NNE	10	Ci.-S.	cu. NNE	
20	Calm	----	Calm	----	N	4	N	2	Calm	----	N	2	1.3	9	Ci.-S.	Cu. NE	10	A.-S.	Cu. NE	
21	Calm	----	NNE	2	NNW	1	Calm	----	Calm	----	Calm	----	.5	10	A.-S.	Cu. ENE	10	A.-S.	Fr.-N.NE	
22	Calm	----	NNW	4	NNW	3	NNW	1	Calm	----	Calm	----	1.3	9	A.-S.	Cu. NE	10	----------	N. NE	
23	Calm	----	NNE	1	N	3	NNE	1	N	3	N	2	1.7	9	A.-S.	Fr.-N.ENE	10	A.-S.	Cu. NE	
24	N	2	N	4	NNW	3	NNW	4	NNW	2	N	2	2.8	10	A.-S.	Cu. NE	10	Ci.-S.	Fr.-N. NNE	
25	Calm	----	Calm	----	NNE	2	N	3	Calm	----	Calm	----	.8	10	Ci.-S.	Cu. NE	10	A.-S.	Cu. NE	
26	Calm	----	Calm	----	NE	2	NNE	1	Calm	----	Calm	----	.5	6	Ci.-Cu.NE	Cu. E	8	Ci.-S.	Cu. E	
27	Calm	----	Calm	----	NE	2	NE	1	NNE	1	Calm	----	.7	6	Ci.	Cu. E	10	----------	N. E	
28	Calm	----	Calm	----	SSE	1	NE	1	Calm	----	Calm	----	.3	4	Ci. NNE	Cu. E	9	Ci.-S.	N. E	
29	Calm	----	Calm	----	SSE	2	NNE	2	Calm	----	Calm	----	.7	3	Ci. ENE	Cu. E	9	Ci.-S.	Cu. E	
30	Calm	----	Calm	----	SSE	2	W	1	Calm	----	Calm	----	.5	8	A.-S.	Cu. E	9	Ci.-S.	Cu. SE	
31	Calm	----	Calm	----	W	2	S	3	Calm	----	Calm	----	.8	4	A.-Cu.ENE	Cu. SE	1	----------	cu. SSW	
Mean	-------	0.1	-------	0.7	-------	2.2	-------	1.8	-------	0.6	-------	0.5	1	7.8	----------	----------	8.4	----------	----------	

TAGBILARAN.

[ϕ=9° 38′ N; λ=123° 51′ E; barometer above sea, 26.2 meters; gravity correction not applied, −1.86 mm.]

FEBRUARY, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.57	56.78	57.62	55.41	55.84	57.28	56.58	23.8	23.9	30.4	28.2	27	25	26.4	30.9	23.3	94	95	66	85	86	90	86	------
2	56.45	57.21	58.06	55.92	56.55	57.96	57.02	25	25	27.8	29.2	26.2	24.9	26.4	30.4	24.5	92	94	83	76	85	90	86.7	------
3	56.87	57.66	58.62	56.31	56.86	58.30	57.44	24.8	24.7	29.3	31.5	26.8	24.6	27	32.2	23.8	92	94	74	65	87	91	83.8	------
4	57.66	58.23	59.07	56.99	57.16	58.48	57.93	23.8	23.7	29.3	31	26.8	24.6	26.5	31.8	22.6	95	96	76	64	85	92	84.7	------
5	58.07	58.84	59.09	56.72	57.44	58.25	58.07	23.1	23.4	31	30	27.7	25.3	26.8	31.5	22.3	95	96	67	69	78	93	83	------
6	57.78	59.08	59	56.52	57.04	57.67	57.85	24.7	24	30.2	30.9	28	25.7	27.2	32.7	23.4	92	94	69	69	79	91	82.3	------
7	56.92	57.27	57.79	55.66	56.66	57.25	56.92	24.1	23.6	29.4	30	26.9	25.9	26.6	31.4	23.1	93	95	74	75	83	90	85	------
8	56.58	57.28	57.92	56.15	57.26	58.30	57.33	24	22.8	29.9	29.9	26.6	24.1	26.2	31.7	22.3	92	95	67	65	85	91	82.5	------
9	58.25	59.29	59.73	57.87	58.99	60.15	59.05	22.2	20.8	28.9	32.7	25.6	21.8	25.3	33.2	20.3	92	94	71	62	88	86	82.2	------
10	59.69	59.99	60.88	58.50	59.35	60.18	59.76	19.9	20.8	30.3	28.4	25.1	22.7	24.5	31.4	19.5	87	88	52	62	76	85	75	------
11	59.55	59.64	60.63	58.86	60.07	6".43	59.86	21.7	21.8	29.7	24.2	24.2	23	24.1	30.5	21	92	93	64	86	88	95	86.3	0.3
12	59.44	59.75	60.56	58.21	59.47	60.43	59.64	23	22.9	27.4	28.4	25.6	24	25.2	29.8	22.3	95	96	74	75	86	90	86	------
13	59.51	60.23	60.82	58.15	59.60	61.29	59.93	23.5	23	28.2	31.5	26.5	24.7	26.2	32	22.5	93	95	74	67	83	92	84	------
14	60.43	60.56	61.35	58.25	58.84	60.12	59.92	23.7	23 2	30.2	29	25.9	23.9	26	31.5	22.6	94	96	70	76	84	91	85.2	------
15	59.48	59.43	60.49	57.55	58.55	60.12	59.29	22 5	22	30.8	28.8	26.8	23.6	25.8	31.4	21.4	93	94	67	73	80	88	82.5	------
16	59.17	59.20	60.63	57.98	58.90	60.03	59.32	22.3	21.9	28.5	27.5	25.3	24.5	25	31.3	21.4	90	91	73	81	95	92	87	9.9
17	58.91	59.27	59.92	57.23	57.40	59.09	58.62	23.4	23	27.1	27.4	25.9	24.5	25.2	28.4	22.4	94	96	82	81	84	92	88.2	------
18	57.99	58.13	58.26	55.80	56.67	57.57	57.40	23.9	23.4	28.4	25.2	25.2	24.4	25.1	29.5	23	96	97	79	92	96	92	92	30.7
19	56.72	56.79	57.06	54.88	56.21	57.71	56.56	24	24	26.9	27	25.5	24.6	25.3	28.5	23.3	94	95	80	83	91	92	89.2	11.3
20	56.59	56.63	57.08	54.85	55.82	57.47	56.41	23.8	23.8	28.8	28.6	25.6	25	25.9	30.5	23.3	96	97	75	79	92	93	88.7	3.6
21	56.44	56.56	58.14	55.42	56.27	58.92	56.96	24	23.4	28.9	29.6	27	24	26.2	31	22.7	95	97	76	75	83	92	86.3	------
22	57.93	57.77	58.43	56.36	57.65	59.47	57.94	23.3	23.4	28.4	28.4	26.6	23.1	25.5	29.5	22.5	96	97	76	77	86	93	87.5	31
23	57.78	57.83	59.19	56.93	58.02	58.93	58.11	22.9	22.6	28.5	29	25.4	23.4	25.3	30.3	21.7	96	97	77	74	88	91	87.2	------
24	57.70	57.94	58.70	56.92	57.28	58.84	57.90	21.4	20.4	27.4	29.6	25.3	23.4	24.6	30.1	19.8	93	94	78	72	88	94	86.5	------
25	57.92	58.68	58.70	56.71	57.03	58.24	57.88	22.6	21.9	29.2	28.4	25.4	23.6	25.2	30.5	21.5	95	96	69	75	87	93	85.8	------
26	57.27	58.06	58.48	56.39	56.72	57.64	57.43	22.7	23	29.2	29.9	25	23.4	25.5	32.1	22.2	96	97	66	57	76	90	80.3	------
27	56.60	57.50	58.60	56.02	57.03	58.22	57.33	22.6	22.7	28.3	29.8	24.8	23.1	25.2	32	22.2	91	92	64	48	77	89	76.8	------
28	56.86	57.59	58.31	55.62	56.74	57.63	57.12	23.2	23	28	30	27	24.9	26	30.5	22.3	92	93	73	71	85	94	84.7	------
29	56.98	57.82	58.61	56.17	56.45	57.65	57.28	25	24.9	26.5	25.9	25.3	24.9	25.4	29.6	24.3	95	96	91	91	96	90	93.2	3.5
Mean	57.86	58.31	59.03	56.70	57.51	58.76	58.03	23.3	23	28.9	29	26	24.2	25.7	30.9	22.3	93.4	94.8	72.7	73.3	85.4	91.1	85.1	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	90.3

Day.	Wind.												Mean force.	Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.			6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–10*			*0–10*		
1	Calm	----	Calm	----	S	2	Calm	----	Calm	----	Calm	----	0.3	1	Ci. E	Cu.	8	Ci.-S.	Cu. ENE
2	Calm	----	Calm	----	NW	1	NNE	1	Calm	----	Calm	----	.3	9	A.-S.	Cu. SE	8	Ci.-S.	Cu. E
3	Calm	----	Calm	----	W	1	S	3	Calm	----	Calm	----	.7	7	Ci.	Cu. W	1	Ci.	Cu.
4	Calm	----	Calm	----	NW	2	S	3	Calm	----	Calm	----	.8	1	Ci.	Cu.	1	Ci.	Cu. SW
5	Calm	----	Calm	----	W	2	S	3	Calm	----	Calm	----	.8	1	----------	Cu.	1	Ci.	Cu.
6	Calm	----	Calm	----	NW	2	S	2	Calm	----	Calm	----	.7	1	Ci.	Cu. ESE	4	Ci.	Cu. E
7	Calm	----	S	1	NNW	2	SSE	3	W	1	Calm	----	1.2	3	Ci.-Cu.	Cu. SE	2	Ci.	Cu. SW
8	Calm	----	Calm	----	W	2	S	3	Calm	----	Calm	----	.8	1	Ci. S	Cu.	2	Ci.	Cu. W
9	Calm	----	WSW	1	WNW	3	NNE	3	Calm	----	Calm	----	1.2	1	Ci. SE	Cu.	1	----------	Cu.
10	Calm	----	NE	1	NNE	2	SSE	3	NE	1	Calm	----	1.2	4	Ci. SE	Cu. E	5	Ci.-S.	Cu. ENE
11	Calm	----	NNE	1	NNW	2	NE	2	Calm	----	Calm	----	.8	4	Ci.-Cu.	Cu. E	10	A.-S.	Fr.-N. E
12	Calm	----	Calm	----	NNE	2	NE	2	Calm	----	Calm	----	.7	10	A.-S.	Cu. E	10	Ci.-S.	Cu. E
13	Calm	----	Calm	----	N	2	N	2	Calm	----	Calm	----	.7	10	A.-S.	Cu. ENE	6	Ci.	Cu. E
14	Calm	----	Calm	----	NNE	1	S	3	Calm	----	Calm	----	.7	10	Ci.-S.	Cu. E	6	Ci.	Cu. E
15	Calm	----	Calm	----	NE	2	S	3	Calm	----	Calm	----	.8	1	Ci. SE	Cu.	4	Ci.	Cu. ENE
16	Calm	----	Calm	----	WNW	2	S	2	Calm	----	Calm	----	.7	3	Ci. ENE	Cu.	10	----------	N. E
17	Calm	----	Calm	----	Calm	----	SSE	1	Calm	----	Calm	----	.2	8	Ci.-S.	Cu. ESE	10	Ci.-S.	Fr.-Cu.NE
18	Calm	----	Calm	----	NW	1	SSE	1	Calm	----	Calm	----	.3	10	A.-S.	Cu. ESE	10	----------	N. NE
19	Calm	----	Calm	----	NNE	3	SE	1	NE	1	Calm	----	.8	10	Ci.-S.	Cu. E	10	----------	N. E
20	Calm	----	SE	1	SE	2	NNW	3	NNE	1	S	4	1.8	10	A.-S.	Fr.-N.ENE	9	Ci.-S.	Fr.-N. NE
21	Calm	----	Calm	----	SSE	2	SE	2	S	4	S	5	2.2	8	Ci.-S.	Cu. ESE	7	Ci.-S.	Cu. ENE
22	Calm	----	Calm	----	S	4	S	3	Calm	----	Calm	----	1.2	10	Ci.-S.	Cu. SSE	10	Ci.-S.	Cu. SE
23	Calm	----	Calm	----	SSE	2	SE	1	Calm	----	Calm	----	.5	6	Ci. SSE	Cu.	7	Ci.-S.	Cu. ENE
24	Calm	----	Calm	----	NNW	1	NW	1	Calm	----	Calm	----	.3	7	Ci.-S.	Cu. SE	7	Ci.-S.	Cu. ENE
25	Calm	----	Calm	----	NNW	1	S	2	Calm	----	Calm	----	.5	9	Ci.-Cu.SE	Cu. ENE	10	Ci.-S.	Cu. ENE
26	Calm	----	Calm	----	NW	2	NE	2	Calm	----	Calm	----	.7	7	Ci. E	Cu. NNE	8	Ci.-S.	Cu. ENE
27	Calm	----	Calm	----	NNE	1	NNE	2	Calm	----	Calm	----	.5	7	A.-S.	Cu.	9	Ci.-S.	Cu.
28	Calm	----	Calm	----	WNW	3	N	3	Calm	----	Calm	----	1	9	Ci.-S.	Cu. E	5	Ci.-S.	Cu. NE
29	Calm	----	Calm	----	N	1	N	2	NNW	2	NNE	1	1	10	A.-S.	Fr.-N.NNE	10	----------	N. NE
Mean	-------	0	-------	0.2	-------	1.8	-------	2.1	-------	0.3	-------	0.3	0.8	6.1	----------	----------	6.6	----------	----------

TAGBILARAN.

[ϕ=9° 38′ N; λ=123° 51′ E; barometer above sea, 26.2 meters; gravity correction not applied, —1.86 mm.]

MARCH, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.89	58.88	60.39	56.92	58.19	58.99	58.38	24.5	24.2	23.6	23.9	23.6	24	24	25.4	21.2	92	92	95	92	90	88	91.5	80.8
2	58.05	58.22	59.39	56.95	57.93	59.96	58.42	22.7	22.6	28.2	28.8	25.4	24.8	25.4	29.5	21.5	94	95	69	67	83	88	82.7	------
3	58.67	59.22	60.44	58.59	59.12	60.59	59.44	23.9	23.4	27.4	24.4	23	22.9	24.2	28.4	22.4	91	92	74	94	91	92	89	2.4
4	59.45	59.89	60.99	58.02	59.03	60.23	59.60	22.9	22.5	27.7	30	25	23.5	25.3	30.4	21.8	92	94	74	69	83	95	84.5	------
5	58.70	59.50	60.30	58	58.25	59.60	59.06	22.9	22.3	29.3	28.2	25.5	24	25.4	30.3	21.9								------
6	58.12	58.43	58.95	56.05	57.22	58.20	57.83	23.2	23.1	29	28.7	26.8	25	26	30.9	22.4	97	97	76	78	81	93	87	------
7	57.23	57.96	58.74	56.06	57.10	58.55	57.61	24	24.4	29.8	29.8	27.7	26	27	30.9	23.6	94	95	73	71	76	89	83	------
8	57.61	58.74	59.33	57	58.14	59.53	58.39	23.8	22.8	29.4	29.4	26.9	25	26.2	30.5	22.2	93	97	74	72	80	92	84.7	------
9	58.74	59.53	60.33	57.49	58.35	59.03	58.92	23.5	23.3	29.2	29.3	26.9	25.7	26.3	31	22.7	92	93	71	70	83	91	83.3	------
10	58.31	59.04	60.13	56.97	58.27	58.88	58.60	24.2	24.2	25.2	27	25.9	24.4	25.2	29.4	23.4	96	97	91	83	86	95	91.3	------
11	58.08	58.52	58.89	56.28	57.76	59.16	58.12	23.8	22.1	29.9	28.9	26.6	24.8	26	30.4	21.6	96	97	72	71	86	88	85	------
12	57.92	59.06	59.47	57.14	58.01	59.78	58.56	24.4	24.2	30.8	23.7	25.7	24.3	26.4	32.4	23.2	94	95	65	75	88	91	84.7	1.8
13	58.77	59.63	60.01	57.77	58.78	60.02	59.16	23.6	23.3	29.6	31.8	26.8	24	26.5	32.9	22.5	93	95	70	60	78	85	80.2	------
14	58.83	58.43	58.94	56.59	58.05	59.44	58.38	23.3	23.1	29	28.5	24.9	23.8	25.4	31.9	22.3	93	94	68	70	85	93	83.8	.5
15	57.53	58.14	58.70	56.01	57.49	58.62	57.75	23.2	23.7	25.6	26	24.8	24.4	24.6	26.9	22.8	95	96	90	82	86	88	89.5	------
16	57.73	58.72	59.14	56.43	58.02	59.58	58.27	24	23.8	28	30	26.6	24.7	26.2	30.6	23.2	94	95	72	62	75	87	80.8	------
17	58.21	59.18	59.70	57.28	58.60	60.02	58.83	23.9	23.5	29	31.3	26.8	24.7	26.5	32.9	22.6	92	95	71	63	81	84	81	------
18	59.22	59.48	59.68	57.23	58.20	59.67	58.91	23.1	23	29.7	29	27.1	25.7	26.3	30.8	22.4	94	95	59	71	73	88	80	------
19	58.53	59.01	59.30	57.35	57.91	59.08	58.53	23.6	23.3	23.4	25.5	24.9	23.8	24.9	30.5	22.7	95	97	78	86	91	94	90.2	54.9
20	57.97	58.86	59.21	57.02	57.69	59.03	58.30	23.8	23.4	29	30.2	26.8	23.8	26.2	31.5	23	95	97	71	71	80	91	84.2	------
21	58.17	58.78	60	58.11	59.10	60.07	59.04	23.9	23.3	29.1	26.1	25.3	24.1	25.3	29.8	22.7	90	92	69	91	93	94	88.2	3.1
22	59.31	59.77	60.55	58.58	58.76	60.51	59.58	24	23.5	29.4	28.1	26.5	23.8	25.9	30.7	23.1	95	97	70	85	90	91	88	1
23	59.49	60.33	60.80	58.57	59.41	61.06	59.94	24	24.2	30.3	29.8	26.7	24	26.5	31.4	23.3	92	93	75	71	88	87	84.3	------
24	60.69	61.23	61.77	59.53	60.54	61.55	60.88	23.2	23.2	29	28.9	26.4	24	25.8	30.9	22.6	91	92	68	76	86	94	84.5	------
25	60.58	60.97	61	58.77	59.94	61.07	60.39	22.9	23.2	29.9	25.8	24	23.2	24.8	31.1	22	94	95	66	92	96	92	89.2	9.9
26	60.12	61.08	60.95	58.83	59.83	61.30	60.35	22.9	22.5	29.1	30.3	25.1	24.1	25.7	30.8	21	92	94	70	68	92	91	84.5	1.3
27	59.79	60.03	60.89	58.52	59.61	61.05	59.98	24	24.2	30.7	32.7	27.2	24.6	27.2	33.5	23.2	93	94	62	50	72	86	76.2	------
28	59.56	60.12	60.27	57.85	58.70	59.97	59.41	23	23.6	31.7	30.9	26.7	24.7	26.8	32.2	22.4	89	90	62	70	85	89	80.8	------
29	58.92	59.32	59.44	56.78	57.79	59.05	58.55	22.9	23.1	28.7	29.9	27.1	24.4	26	30.7	21.6	92	93	74	68	82	91	83.3	------
30	58.16	58.82	58.71	56.45	57.31	58.04	57.92	24.1	23.8	28.9	29.3	26.8	24	25.2	31	22.5	91	93	70	74	83	81	82	------
31	57.41	58.19	58.51	56.45	57.29	58.28	57.69	24.4	24.3	26.8	29.2	26.1	24.1	25.8	30.9	22.8	90	91	80	70	85	93	84.8	------
Mean	58.61	59.26	59.84	57.41	58.40	59.67	58.86	23.6	23.4	28.8	28.7	26	24.3	25.8	30.7	22.5	93	94.4	72.6	74.1	84.3	90	84.7	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	a155.7

Day.	Wind.												Mean force.	Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.			6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–10*			*0–10*		
1	NNW	1	NW	2	N	3	Calm	----	Calm	----	Calm	----	1	10	A.-S.	Fr.-N. N	10	----------	N. N
2	Calm	----	Calm	----	N	3	N	3	Calm	----	Calm	----	1	6	Ci. E	Cu. NE	8	Ci.-S.	Cu. NE
3	Calm	----	Calm	----	N	2	NNW	1	Calm	----	Calm	----	.5	10	A.-S.	Cu. NE	10	----------	N. NE
4	Calm	----	WNW	1	SE	2	NNE	1	Calm	----	Calm	----	.7	9	A.-S.	Cu.	5	Ci.	Cu. E
5	------	----	------	----	------	----	------	----	------	----	------	----	----	----	----------	----------	----	----------	----------
6	Calm	----	Calm	----	N	2	SE	3	SE	1	Calm	----	1	1	----------	Cu.	4	Ci.	Fr.-Cu.E
7	Calm	----	Calm	----	SSW	1	S	3	Calm	----	Calm	----	.7	8	Ci.	Cu. ESE	1	Ci.	Cu.
8	Calm	----	Calm	----	SSE	3	S	3	Calm	----	Calm	----	1	2	Ci.	Cu. ESE	1	Ci.	Cu.
9	Calm	----	NE	1	SSE	2	S	3	SSE	1	Calm	----	1.2	2	Ci. E	Cu.	4	Ci.	Cu. ESE
10	Calm	----	Calm	----	Calm	---	SE	3	S	2	Calm	----	.8	9	A.-S.	Cu. E	10	Ci.-S.	Fr.-N.NE
11	Calm	----	Calm	----	W	2	S	3	SSE	1	Calm	----	1	1	Ci.	Cu.	6	Ci.	Cu.ENE
12	Calm	----	Calm	----	S	2	S	3	Calm	----	Calm	----	.8	4	Ci. SE	Cu.	7	Ci.-S.	Cu. E
13	Calm	----	Calm	----	S	2	NNE	2	Calm	----	Calm	----	.7	6	Ci.-S.	Cu. E	5	Ci.	Cu. NE
14	Calm	----	Calm	----	NNE	2	NE	3	Calm	----	Calm	----	.8	5	Ci. SSE	Cu. E	9	Ci.-S.	Fr.-N. E
15	Calm	----	Calm	----	NNE	2	NNE	2	Calm	----	N	2	1	10	A.-S.	Cu. NE	10	Ci.-S.	Cu. E
16	Calm	----	Calm	----	N	2	N	3	N	2	Calm	----	1.2	10	Ci.-S.	Cu. NE	7	Ci.-S.	Cu. NE
17	Calm	----	Calm	----	NNE	2	NNW	2	NE	1	Calm	----	.8	7	Ci.-S.	Cu. E	6	Ci.	Cu. NE
18	Calm	----	Calm	----	NE	2	SSE	3	NE	2	Calm	----	1.2	4	Ci.-Cu.	Cu. ENE	6	Ci.-S.	Fr.-Cu.E
19	Calm	----	N	2	N	2	N	1	Calm	----	Calm	----	.8	10	A.-S.	Cu. E	10	----------	N. NW
20	Calm	----	Calm	----	SE	2	S	3	Calm	----	Calm	----	.8	8	Ci.-S.	Cu. NE	1	Ci.	Fr.-Cu.E
21	Calm	----	Calm	----	S	1	S	1	Calm	----	Calm	----	.3	5	Ci.	Cu. SE	10	Ci.-S.	Fr.-N. E
22	Calm	----	Calm	----	SSE	3	Calm	----	Calm	----	Calm	----	.5	4	Ci.	Fr.-Cu.ESE	9	Ci.-S.	Cu.-N. E
23	Calm	----	Calm	----	N	1	NNE	1	Calm	----	Calm	----	.3	8	A.-S.	Cu. E	6	Ci.	Cu. NE
24	Calm	----	Calm	----	NNW	2	SSE	1	Calm	----	Calm	----	.5	7	Ci.-S.	Cu. NE	10	Ci.-S.	Cu. E
25	Calm	----	N	1	SE	2	Calm	----	Calm	----	NW	3	1	5	Ci.	Cu. E	10	----------	N. NNE
26	Calm	----	N	3	N	3	N	4	S	2	Calm	----	2	10	A.-S.	Cu. E	5	Ci.-S.	Cu. ENE
27	Calm	----	Calm	----	NNE	3	N	3	Calm	----	Calm	----	1	9	Ci.-S.	Cu. NE	3	Ci.	Cu. ENE
28	Calm	----	S	1	NNW	2	S	3	Calm	----	Calm	----	1	9	A.-S.	Cu. E	6	Ci.-S	Cu. E
29	Calm	----	Calm	----	NNW	2	N	1	Calm	----	Calm	----	.5	4	Ci.-Cu.	Cu. E	6	Ci.	Fr.-Cu.ENE
30	Calm	----	SE	1	S	3	S	3	Calm	----	Calm	----	1.2	4	Ci. SE	Cu. E	5	Ci.	Cu. E
31	Calm	----	Calm	----	NW	1	S	2	Calm	----	Calm	----	.5	10	A.-S.	Cu. E	4	Ci.	Cu. E
Mean	-------	0	-------	0.4	-------	2	-------	2.1	-------	0.4	-------	0.2	0.9	6.6	----------	----------	6.5	----------	----------

NOTE.—The pressure and temperature for the 5th are taken from a self-recording instrument.

[a] 30 days of observation.

TAGBILARAN.

[ϕ=9° 38′ N; λ=123° 51′ E; barometer above sea, 26.2 meters; gravity correction not applied, —1.86 mm.]

APRIL, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.16	57.38	57.92	56.09	57.17	58.11	57.30	23.9	23.7	30.7	29.1	25.9	23.5	26.1	31.3	22.4	96	97	69	74	85	85	84.3	------
2	57.08	58.24	59.09	57.02	58.16	59.66	58.21	22	21.6	28.4	31.2	26	23.5	25.4	32	20.9	95	96	75	60	78	90	82.3	------
3	59.47	59.97	60.25	58.40	58.71	60.03	59.47	23.7	23	29.7	29.4	27	24.8	26.3	31.6	22.3	91	94	71	72	83	92	83.8	------
4	59.58	60.18	60.69	58.90	59.12	60.76	59.87	24.8	23.5	30.9	29.2	27	24.5	26.6	32.4	22.7	92	95	67	71	85	89	83.2	------
5	59.92	60.46	61.13	58.69	59.99	61.40	60.26	23.8	23.9	29.1	29	27	24.9	26.3	31.5	22.6	91	92	74	75	83	92	84.5	------
6	60.08	60.86	61.69	59.46	60.32	61.69	60.68	24.2	24.3	28.5	28.5	24.2	23.9	25.6	31.7	22.8	93	94	68	80	92	96	87.2	4.8
7	61.09	61.42	61.59	60.03	61.29	62.54	61.33	23	23.3	27.7	28.1	25.5	23.6	25.2	30.4	22.5	95	96	80	74	84	95	87.3	------
8	61.41	61.32	61.05	58.47	59.39	60.72	60.39	23	23.1	29.1	30.2	27.8	24.8	26.3	30.9	22	96	96	68	67	82	83	82	------
9	60.02	60.63	60.52	59	59.18	60.29	59.94	23.9	24.1	30.2	27.1	25.4	23.8	25.8	31.5	22.6	90	91	69	85	87	93	85.8	1.8
10	59.42	59.90	60.68	58.48	59.41	60.29	59.70	23.3	21.9	29.5	30.3	27.2	23.9	26	31.4	21.4	94	96	66	67	78	86	81.2	------
11	59.25	59.37	59.85	57.62	58.76	59.97	59.14	22.6	23	30.6	29	25.1	24.3	25.8	31.4	21.9	92	93	57	68	87	91	81.3	------
12	59.02	59.27	60.08	57.94	58.75	60.58	59.27	23.1	23.1	29.7	30.1	28.1	24.3	26.4	31.5	22.5	94	95	67	73	79	89	82.8	1.5
13	59.52	59.81	60.08	57.79	58.80	60.28	59.30	22.5	23.3	29.5	30	26.9	24.5	26.1	31.4	21.6	94	95	70	71	85	90	84.2	------
14	59.53	59.68	60.39	57.83	58.16	59.87	59.24	23.9	23.8	29.6	30.3	26.7	23.8	26.4	31.5	22.2	94	95	68	66	79	90	82	------
15	58.58	58.34	58.85	56.69	57.84	58.71	58.17	22.1	23.2	29.7	27	26.6	24.2	25.5	30.5	21.5	93	93	67	83	86	96	86.3	1.3
16	58.21	58.07	58.23	55.56	56.49	57.79	57.39	24.4	24.1	28.7	30.7	27.1	26.4	26.9	32.4	23.5	96	97	78	71	87	88	86.2	------
17	57.12	56.11	56.73	54.64	55.94	57.85	56.40	26.6	26.1	31	30	27.8	24.9	27.7	33.3	24.4	87	89	68	73	81	92	81.7	------
18	56.26	56.45	56.82	54.66	55.35	57.10	56.11	26	26.1	30	32.5	27.7	27	28.2	33.5	25.5	94	94	71	59	84	90	82	------
19	56.17	56.55	57.33	55.04	56.49	57.58	56.53	26	25.9	30.4	30.2	25	25.4	27.2	32.5	24.3	94	95	70	67	92	95	85.5	------
20	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
21	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
22	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
23	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
24	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
25	56.59	57.21	57.93	55.74	56.60	57.99	57.01	23.9	23.8	30.7	31	28.4	25.4	27.2	32.8	23.1	94	95	66	62	77	88	80.3	------
26	56.91	58.23	58.68	56.55	58.81	59.01	58.03	24.2	24.3	31.2	31.7	25.2	24.4	26.8	32.4	23.4	90	91	68	65	90	93	82.8	1.5
27	57.57	57.96	58.89	57.03	58.43	59.69	58.26	24.2	24.3	30.8	24.7	25	24.2	25.4	31.9	23.5	95	96	78	94	88	93	90.7	45.2
28	57.86	57.96	59.09	56.47	57.69	58.72	57.96	23.6	23.5	29	30.1	27.5	25.8	26.6	31.3	22.5	95	96	71	69	87	85	83.8	23.1
29	57.62	58.82	59.27	56.90	57.62	58.42	58.11	24.4	24.2	25.9	27.5	26.4	25.1	25.6	28.5	22.6	91	92	84	80	89	94	88.3	------
30	57.61	58.47	58.92	57.32	58.31	59.10	58.29	24.6	24.3	28.8	25.4	26.6	25.3	25.8	30.5	23.5	95	97	79	86	86	91	89	2
Mean	58.52	58.91	59.43	57.29	58.25	59.53	58.65	23.9	23.8	29.6	29.3	26.5	24.6	26.3	31.6	22.7	93.2	94.4	70.8	72.5	84.6	90.6	84.3	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	[a]81.2

Day.	Wind.														Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		Mean force.	6 a. m.			2 p. m.			
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.		Amount.	Form and direction.		Amount.	Form and direction.		
															Upper.	Lower.		Upper.	Lower.	
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–10*			*0–10*			
1	Calm	----	Calm	----	NW	2	S	3	S	1	Calm	----	1	10	Ci.-S.	Cu. E	7	Ci.-S.	Cu. E	
2	Calm	----	Calm	----	S	2	S	2	Calm	----	Calm	----	.7	10	Ci.-S.	Cu. ENE	4	Ci. SSE	Cu.	
3	Calm	----	Calm	----	NW	2	S	4	Calm	----	Calm	----	1	4	Ci.	Cu. E	2	Ci.	Fr.-Cu.E	
4	Calm	----	Calm	----	NNW	2	SE	3	Calm	----	Calm	----	.8	3	Ci. SSE	Cu.	6	Ci.-S.	Cu.ENE	
5	Calm	----	Calm	----	SSE	3	S	4	Calm	----	Calm	----	1.2	4	Ci.	Cu. NNE	3	Ci.	Cu.ENE	
6	Calm	----	Calm	----	SSE	3	S	3	N	2	Calm	----	1.3	5	Ci.	Cu. NE	9	Ci.-S.	Cu. SE	
7	Calm	----	NNE	1	NE	1	N	1	Calm	----	Calm	----	.5	7	A.-S.	Cu. E	10	Ci.-S.	Cu. E	
8	Calm	----	Calm	----	S	2	S	3	Calm	----	Calm	----	.8	7	Ci.-Cu.	Cu. NE	2	Ci.	Cu. E	
9	N	1	NE	1	S	2	NNE	2	Calm	----	Calm	----	1	6	Ci.-S.	Cu. E	8	Ci.-S.	Cu. E	
10	Calm	----	Calm	----	NNW	2	S	2	Calm	----	Calm	----	.7	2	Ci. SSE	Cu.	5	Ci.	Cu.ENE	
11	Calm	----	NNW	1	SE	2	N	3	Calm	----	Calm	----	1	2	Ci.	Cu.	9	Ci.-S.	Fr.-N. E	
12	Calm	----	Calm	----	SSE	3	NNW	1	Calm	----	Calm	----	.7	3	Ci.	Cu.	9	Ci.-S.	Cu. NE	
13	Calm	----	Calm	----	S	3	SSE	2	Calm	----	Calm	----	.8	10	A.-S.	Cu. NE	7	Ci.-S.	Cu.ENE	
14	Calm	----	Calm	----	SE	3	S	2	Calm	----	Calm	----	.8	2	Ci. SW	Cu.	2	Ci.	Cu.	
15	Calm	----	Calm	----	S	2	S	1	Calm	----	Calm	----	.5	7	Ci.-S.	Cu. NE	10	A.-S.	Fr.-N. E	
16	Calm	----	Calm	----	NNW	2	N	3	Calm	----	Calm	----	.8	10	A.-S.	Fr.-N.ENE	7	Ci.-S.	Cu.ENE	
17	Calm	----	NNW	1	N	1	W	3	Calm	----	Calm	----	.8	8	Ci.-S.	Cu. N	10	A.-S.	Cu.	
18	Calm	----	Calm	----	S	3	W	1	Calm	----	Calm	----	.7	9	Ci.-S.	Cu.	4	Ci.	Cu.SSW	
19	Calm	----	Calm	----	S	2	S	3	Calm	----	Calm	----	.8	6	Ci.	Cu. S	4	Ci.-S.	Cu.	
20	------	----	------	----	------	----	------	----	------	----	------	----	------	----	----------	----------	----	----------	----------	
21	------	----	------	----	------	----	------	----	------	----	------	----	------	----	----------	----------	----	----------	----------	
22	------	----	------	----	------	----	------	----	------	----	------	----	------	----	----------	----------	----	----------	----------	
23	------	----	------	----	------	----	------	----	------	----	------	----	------	----	----------	----------	----	----------	----------	
24	------	----	------	----	------	----	------	----	------	----	------	----	------	----	----------	----------	----	----------	----------	
25	Calm	----	Calm	----	SSE	3	S	3	Calm	----	Calm	----	1	1	Ci.	Cu.	2	Ci.	Fr.-Cu-ENE	
26	Calm	----	Calm	----	NW	2	SE	1	Calm	----	Calm	----	.5	2	Ci.	Cu.	6	Ci.-S.	Cu. NE	
27	Calm	----	Calm	----	N	2	S	1	Calm	----	Calm	----	.5	6	Ci.-S.	Cu. NNE	10	A.-S.	Cu. NE	
28	Calm	----	Calm	----	SSE	1	N	1	Calm	----	Calm	----	.3	7	Ci.-S.	Cu. NE	8	Ci.-S.	Cu.ENE	
29	Calm	----	SE	2	NW	1	NNE	1	Calm	----	Calm	----	.7	10	----------	N. E	10	A.-S.	Cu.	
30	Calm	----	Calm	----	NNW	2	S	2	Calm	----	Calm	----	.7	7	Ci.-S.	Cu. E	10	A.-S.	Fr.-N. E	
Mean	------	0	------	0.2	------	2.1	------	2.2	------	0.1	------	0	0.8	5.9	----------	----------	6.6	----------	----------	

NOTE.—This station was temporarily closed from April 20 to 24.

[a] 25 days of observation.

TAGBILARAN.

[ϕ=9° 38′ N; λ=123° 51′ E; barometer above sea, 26.2 meters; gravity correction not applied, —1.86 mm.]

MAY, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.56	58.33	58.99	56.59	57.71	58.35	57.92	24.2	24	29.2	29.5	26.2	25.2	26.4	31.2	23.4	95	96	75	75	90	93	87.3	------
2	56.99	57.57	58.24	56.19	56.84	57.37	57.20	24.5	24.4	24.9	24	23.1	21.9	23.8	25.6	21.2	94	95	92	90	96	96	93.8	10.8
3	55.94	55.90	56.27	54.59	55.21	56.77	55.78	22.8	24	23.6	29.6	26.4	26.1	26.2	30.5	22.1	93	95	75	70	87	88	84.7	------
4	55.79	56.83	57.62	55.61	56.55	57.84	56.71	26.1	26.2	27	28.8	27	26.2	26.9	29.5	25.4	89	90	86	74	86	90	85.8	56.9
5	56.40	57.84	57.56	56.31	57.59	57.99	57.28	25.4	22.7	25.6	28.1	23.2	23.3	24.7	28.9	21.9	93	97	92	82	95	96	92.5	6.1
6	57.49	57.56	57.31	55.14	56.64	57.77	56.98	23.1	24	28.6	30	26.7	25.8	26.4	30.6	22.5	96	97	75	72	85	92	86.2	------
7	56.61	57.18	57.75	56.15	57.95	58.67	57.38	24.3	23.7	29.2	28.4	27.8	24.2	26.3	31.6	23.1	95	97	74	77	76	93	85.3	8.1
8	57.74	58.86	59.51	57.50	58.63	59.48	58.62	23.8	24.1	29.1	29	25.7	25.6	26.2	29.8	23.3	95	96	71	69	84	84	83.2	------
9	58.53	59.51	60.30	58.08	58.99	59.58	59.16	25.8	25.8	29	29.7	26.5	24.5	26.9	30.5	23.6	91	92	66	71	83	91	82.3	------
10	58.82	59.47	59.76	57.82	58.06	59.33	58.79	24	25.1	27.6	30.7	26.5	24.8	26.4	31.5	22.6	86	87	75	65	83	89	80.8	------
11	57.97	58.98	59.29	56.55	57.41	58.96	58.19	23.9	24.1	29.8	29.6	27	25.2	26.6	30.4	23	92	94	71	72	80	93	83.7	------
12	58.01	58.87	59.51	57.45	58	59.30	58.52	25	24.9	28.5	28.5	27	24.5	26.4	30.3	23.5	96	97	78	78	84	91	87.3	------
13	58.03	58.52	58.81	56.34	57.80	58.90	58.07	24	23.9	30	30.8	27.9	26	27.1	31.6	22.6	95	96	71	64	83	90	83.2	------
14	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
15	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
16	57.06	58.37	59.60	57.44	58.30	59.73	58.42	24.8	24.4	31.4	26.3	26.4	25	26.4	31.9	23.6	93	95	67	86	91	93	87.5	1
17	58.67	59.41	59.95	57.87	58.25	59.93	59.01	24	23.9	29.2	29.9	27.4	25.1	26.6	31.6	22.7	94	95	76	69	84	91	84.8	------
18	58.52	58.99	58.58	57.21	57.35	58.61	58.21	24	24.4	30.3	24.5	25.2	24.4	25.5	31.9	23.4	92	93	70	93	96	94	89.7	18
19	57.54	58.02	58.69	56.81	57.27	58.76	57.85	24.2	24.6	29.4	29.6	26.6	24.9	26.6	30.5	23.3	92	93	74	72	86	95	85.3	------
20	57.47	57.93	58.70	56.73	57.23	58.52	57.76	24	23.8	30.2	27	28.3	24.6	26.3	30.7	22.9	94	95	73	90	78	95	87.5	7.1
21	58.09	58.82	58.60	56.54	56.83	57.57	57.74	23.8	23.8	30	31.1	28	25.3	27	31.8	22.9	95	96	67	67	79	90	82.3	------
22	57.25	57.61	57.77	55.89	57.09	57.63	57.21	24.8	23.8	30.6	27.7	23.4	25.3	26.8	31.7	23.3	92	95	70	82	79	92	85	------
23	57.22	57.07	58	56	56.73	57.27	57.05	24.3	24.1	27.7	27	25.2	24.5	25.5	30.3	23.3	92	93	81	90	93	96	90.8	34.2
24	56.56	57.12	57.79	56.08	56.29	57.60	56.91	23.9	24.7	29.3	29.5	27	25.8	26.7	32.2	23.2	95	96	69	68	83	87	83	4
25	56.65	57.07	57.44	55.74	56.53	57.38	56.80	24.7	24.6	28.5	25.8	27.2	25.5	26	30.3	23.8	92	94	73	88	86	91	87.3	31.6
26	55.90	56.53	57.05	55.27	56.24	58.02	56.50	25.1	25	25	26.3	26.3	24.4	25.4	27.4	23.7	94	97	90	87	90	90	91.3	6.4
27	56.66	57.19	57.21	54.91	55.88	57.44	56.55	24.1	23.8	28.8	29.5	27	25.6	26.5	30.5	22.7	94	95	77	72	85	88	85.2	11.2
28	55.93	57.18	57.34	55.35	56.71	57.62	56.69	24.4	23.2	27.3	28.4	26.3	24.5	25.7	29.4	22.5	91	95	81	78	92	91	88	------
29	56.49	56.87	57.44	55.53	56.55	57.37	56.71	24	24	29.9	30	27.4	25.4	26.8	30.5	23	93	96	72	75	84	90	85.3	------
30	56.34	57.53	58.55	57.22	57.44	58.62	57.62	24.2	24.4	27.1	26.2	25.7	24.3	25.3	30.7	23.4	93	94	90	90	89	90	91	------
31	57.53	57.94	58.48	56.74	57.76	58.71	57.87	23.9	23.5	29.5	30.3	27.4	25.3	26.6	30.9	22.5	94	96	76	76	85	88	85.8	------
Mean	57.23	57.90	58.35	56.38	57.24	58.31	57.57	24.3	24.2	28.7	28.5	26.6	24.9	26.2	30.5	23	93.2	94.7	76.1	77.3	85.9	91.3	86.4	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	a 195.4

Day.	Wind.														Clouds.						
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		Mean force.	6 a. m.			2 p. m.				
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.		Amount.	Form and direction. Upper.	Lower.	Amount.	Form and direction. Upper.	Lower.		
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–10*			*0–10*				
1	Calm	----	Calm	----	NNW	1	S	2	Calm	----	Calm	----	0.5	9	A.-S.	Cu. E	10	Ci.-S.	CU.-N.NE		
2	Calm	----	Calm	----	N	1	N	1	Calm	----	Calm	----	.3	10	A.-S.	Cu.	10	A.-S.	FT.-N.NE		
3	Calm	----	Calm	----	S	2	SW	3	S	3	S	2	1.7	10	----------	N. NNE	7	Ci.-S.	Cu. S		
4	S	2	S	4	S	4	S	3	S	1	Calm	----	2.3	10	Ci.-S.	Cu. SSE	9	Ci.-S.	Cu. SW		
5	Calm	----	Calm	----	S	1	S	2	Calm	----	Calm	----	.5	10	----------	N.	10	A.-S.	Cu. SW		
6	Calm	----	Calm	----	S	2	SSE	1	Calm	----	Calm	----	.5	8	Ci.-S.	Cu. SSE	3	Ci.	Cu. NE		
7	Calm	----	S	1	S	2	S	1	S	2	S	2	1.3	2	Ci.	Cu. SE	6	Ci.-S.	Cu.		
8	Calm	----	Calm	----	S	3	S	3	S	3	Calm	----	1.5	10	Ci.-S.	Cu. SE	3	Ci. E	Cu.		
9	Calm	----	S	3	S	3	NW	1	Calm	----	Calm	----	1.2	7	Ci.-S.	Cu. SSE	4	Ci.	Cu. SSW		
10	Calm	----	Calm	----	S	1	S	2	Calm	----	Calm	----	.5	9	A.-S.	Cu. SE	1	Ci.	Cu.		
11	Calm	----	Calm	----	SSE	3	SSE	3	S	2	Calm	----	1.3	4	Ci.	Cu. ESE	3	Ci.	Cu. SE		
12	Calm	----	Calm	----	S	2	S	2	Calm	----	Calm	----	.7	10	A.-S.	Cu. W	9	Ci.-S.	Cu.		
13	Calm	----	Calm	----	S	3	SE	3	Calm	----	Calm	----	1	6	Ci.-S.	Cu. ENE	2	Ci.	Cu.		
14	-----	----	-----	----	-----	----	-----	----	-----	----	-----	----	-----	-----	-----	-----	-----	-----	-----		
15	-----	----	-----	----	-----	----	-----	----	-----	----	-----	----	-----	-----	-----	-----	-----	-----	-----		
16	Calm	----	Calm	----	NW	2	Calm	----	Calm	----	Calm	----	.3	8	Ci.	Cu.	10	A.-S.	Cu. NE		
17	Calm	----	Calm	----	N	1	S	1	Calm	----	Calm	----	.3	6	Ci.-S.	Cu. ENE	8	A.-S.	Cu. ESE		
18	Calm	----	Calm	----	NNW	3	SE	1	Calm	----	Calm	----	.7	7	Ci.-S.	Cu. ENE	10	----------	N. NE		
19	Calm	----	Calm	----	S	3	S	3	Calm	----	Calm	----	1	4	Ci.	Cu. E	3	Ci.	Cu. ENE		
20	Calm	----	Calm	----	S	3	NNE	1	Calm	----	Calm	----	.7	1	Ci.	Cu.	9	Ci.-S.	Cu. E		
21	Calm	----	Calm	----	S	2	S	2	Calm	----	Calm	----	.7	1	Ci.	Cu.	2	Ci.	Cu. E		
22	Calm	----	Calm	----	SSE	3	S	2	Calm	----	Calm	----	.8	5	Ci.	Cu. NE	8	A.-S.	Cu.		
23	Calm	----	Calm	----	N	2	NNW	1	Calm	----	Calm	----	.5	3	Ci.	Cu. ESE	9	A.-S.	Cu. ENE		
24	Calm	----	Calm	----	S	1	S	1	Calm	----	Calm	----	.3	7	Ci.-S.	Cu. E	10	Ci.-S.	Cu.-N. ENE		
25	Calm	----	Calm	----	NW	1	S	1	Calm	----	Calm	----	.3	4	Ci.	Cu. NE	10	A.-S.	Cu. NE		
26	Calm	----	Calm	----	S	2	S	1	S	2	S	2	1.2	10	----------	N. E	10	A.-S.	Fr.-N. SSE		
27	Calm	----	Calm	----	S	3	S	2	Calm	----	Calm	----	.8	9	Ci.-S.	Cu. ESE	5	Ci. SSW	Cu.		
28	Calm	----	S	3	S	1	S	1	Calm	----	Calm	----	.8	10	----------	N. SSE	10	Ci.-S.	Cu.		
29	Calm	----	Calm	----	S	2	S	2	Calm	----	Calm	----	.7	4	Ci.	Cu.	5	Ci.	Cu. SE		
30	Calm	----	Calm	----	SSE	1	Calm	----	Calm	----	Calm	----	.2	5	Ci.	Cu. SE	10	Ci.-S.	Cu. SE		
31	Calm	----	Calm	----	S	2	S	3	Calm	----	Calm	----	.8	10	Ci.-S.	Cu. E	4	Ci.	Cu. ESE		
Mean	-------	0.1	-------	0.4	-------	2.1	-------	1.7	-------	0.4	-------	0.2	0.8	6.7	----------	----------	6.9	----------	----------		

NOTE.—This station was temporarily closed on the 14th and 15th.

[a] 29 days of observation.

TAGBILARAN.

[ϕ=9° 38′ N; λ=123° 51′ E; barometer above sea, 26.2 meters; gravity correction not applied, —1.86 mm.]

JUNE, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.68	57.86	58.25	56.38	57.21	58.60	57.66	24	24.4	30.5	30.3	27	25.7	27	31.3	22.6	93	94	71	75	86	88	84.5	------
2	57.43	57.13	57.44	55.81	55.90	57.49	56.78	24.4	23.8	29.2	30	27.8	25.3	26.8	30.6	22.9	93	96	75	71	83	93	85.2	------
3	56.85	57.48	57.62	55.50	56.50	58.14	57.02	24.3	24.4	26.9	30	26.7	24.6	26.2	30.5	23.4	94	95	88	67	84	93	86.8	1
4	57.16	56.98	57.16	56.11	56.60	57.71	56.95	24	24.1	29.6	26.8	25.8	25.3	25.9	30.5	23.4	95	96	72	87	90	92	88.7	9.1
5	57.34	57.54	57.44	55.49	56.15	57.38	56.89	24.6	24	27.9	28	26.9	24.8	26	30.2	23.1	93	96	79	81	88	97	89	.3
6	56.32	56.08	56.88	55.11	55.61	56.60	56.10	24.1	24.3	29.5	27.8	26.1	25	26.1	30.6	23.4	95	96	73	81	92	92	88.2	------
7	55.88	56.24	56.89	54.92	55.68	56.75	56.06	23.9	23.3	29.9	27.5	27.2	26.4	26.4	31.1	22.5	93	96	75	82	86	86	86.3	49.8
8	55.38	56.05	55.98	54.53	55.42	56.75	55.68	25.6	25.1	29.8	26.7	26.7	25.6	26.6	31.4	23.6	95	97	74	86	89	93	89	14
9	55.56	56.09	56.40	54.53	56.10	56.93	55.94	23.2	23.4	28	29.8	26.8	25.3	26.1	30.7	22.5	97	98	81	67	86	92	86.8	------
10	55.62	56.10	56.90	54.84	55.92	56.64	56	25.2	24.5	30	29.5	27.1	25.9	27	31.2	23.8	92	96	67	73	86	94	84.7	1.6
11	55.67	56.56	56.74	54.46	55.17	56.40	55.83	25.7	25.9	29.3	30.1	28	26.3	27.6	31.4	25	91	92	72	72	80	90	82.8	------
12	55.44	56.04	55.69	53.83	55.01	55.65	55.28	24.9	24.8	29.7	29.4	28	27.3	27.4	30.9	24.1	95	96	70	76	83	84	84	------
13	54.61	55.26	54.86	53.77	54.91	56.51	54.99	26.7	26.2	29.9	30.7	28.8	26.9	28.2	31.5	25.6	86	88	71	63	67	86	76.8	------
14	56.13	56.12	56.64	55.39	56.01	57.35	56.27	25.7	26.4	30.1	30.2	27.3	25.1	27.5	30.8	24.6	89	90	72	71	85	92	83.2	------
15	56.06	56.66	57.05	55.35	56	57.21	56.39	24.8	24.7	30.6	30.1	27.8	26.1	27.4	31.9	23.4	93	94	66	73	82	87	82.5	------
16	56.04	56.04	56.65	54.65	55.45	56.69	55.92	26	26.1	29.9	30.8	28.4	27.9	28.2	31.5	24.5	89	90	72	69	80	84	80.7	------
17	55.36	56.17	56.38	54.14	55.41	56.59	55.68	26.5	25.5	29.7	31.1	28.2	25.8	27.8	32.6	24.7	94	96	71	69	83	90	83.8	8.7
18	56.04	57.24	57.34	56.10	56.90	58.86	57.08	25	24.3	27.3	27.6	25.1	24.6	25.6	30.5	23.5	92	94	82	80	95	93	89.3	13.9
19	56.78	57.54	58.09	56.78	57.10	58.74	57.50	24	23.9	29	28.8	27	26	26.4	29.8	23.4	96	97	72	70	83	85	83.8	------
20	57.67	58.31	58.11	56.50	57.23	58.11	57.66	25.9	25.4	28.6	29.4	27	26.6	27.2	30.3	24.6	93	95	72	70	85	89	84	------
21	57.29	57.55	57.73	55.79	57.44	58.52	57.39	25.9	24.9	29.9	29.7	25	23.8	26.5	31.5	22.7	93	95	73	71	92	95	86.5	.8
22	58.45	58.36	58.45	56.89	58.26	60.27	58.45	24.6	25.1	28.7	29.3	26.7	25	26.6	31.3	22.8	94	95	73	76	92	92	87	10.7
23	58.84	58.82	59.11	57.53	58.13	59.17	58.60	23.2	24	28.4	28.8	26.8	24.5	26	29.5	22.6	95	96	80	76	92	91	88.3	------
24	58.47	59.19	59.35	57.80	58.90	59.96	59.03	23.8	23.7	29.8	29	27.2	25	26.4	30.6	22.5	91	92	75	83	88	93	87	13.4
25	59.26	60.03	60.34	58.39	59.46	61.08	59.76	24.5	24.5	30.5	29.4	27.7	26	27.1	31.2	23.4	96	95	70	74	84	89	84.7	1.5
26	59.68	59.71	60.08	57.89	59.19	60.30	59.48	25.7	24.6	29.9	28.4	27	25.1	26.8	30.9	23.8	92	97	69	80	83	95	86	------
27	59.58	59.62	60.27	57.98	58.39	59.89	59.29	24.8	25	28.5	28	26.6	24	26.2	29.5	22.5	92	93	77	80	86	92	86.7	48.6
28	59.09	59.69	59.82	58.05	59.10	60.82	59.43	23.1	23.3	28.3	25.5	24.9	23.2	24.7	30.1	22.4	95	96	80	89	94	92	91	21.5
29	59.49	59.40	59.91	58.17	58.81	61.10	59.48	22.7	23.5	28.2	26.4	24.5	23.1	24.7	30.2	21.8	94	96	77	85	92	93	89.5	5.3
30	59.69	58.84	59.32	57.49	58.04	59.86	58.87	23.4	23.6	27.8	28.4	26.4	23.9	25.6	29.5	22.5	96	97	74	72	81	94	85.7	------
Mean	57.16	57.49	57.78	55.99	56.87	58.20	57.25	24.7	24.6	29.2	28.9	26.9	25.3	26.6	30.8	23.4	93.2	94.8	74.1	75.6	85.9	90.9	85.8	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	200.2

Day.	Wind.														Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		Mean force.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.			Amount.	Form and direction.		Amount.	Form and direction.	
																Upper.	Lower.		Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*		*0–10*			*0–10*		
1	Calm	----	Calm	----	SE	2	S	3	Calm	----	Calm	----	0.8		4	Ci. SSE	Cu.	4	Ci.	Cu.
2	Calm	----	Calm	----	S	3	S	3	Calm	----	Calm	----	1		3	Ci. SSE	Cu.	1	Ci.	Cu.
3	Calm	----	Calm	----	S	3	S	3	Calm	----	S	3	1.5		7	A.-S.	Cu. E	2	Ci. SSW	Cu.
4	Calm	----	Calm	----	S	2	NE	1	Calm	----	Calm	----	.5		8	Ci.-S.	Cu. SSE	9	A.-S.	Cu.-N.
5	S	3	Calm	----	N	1	NNE	1	Calm	----	Calm	----	.8		10	A.-S.	Cu. NNE	7	Ci.-S.	Cu. NE
6	Calm	----	Calm	----	S	2	Calm	----	Calm	----	Calm	----	.3		10	A.-S.	Cu. ENE	9	Ci.-S.	Cu. NE
7	Calm	----	Calm	----	SSE	2	SE	2	Calm	----	Calm	----	.7		2	Ci.	Cu.	8	Ci.-S.	Cu.-N.
8	Calm	----	Calm	----	NNW	2	Calm	----	Calm	----	S	1	.5		10	----------	N. ESE	9	Ci.-S.	Cu.
9	Calm	----	Calm	----	NNW	1	S	3	S	1	Calm	----	.8		10	A.-S.	Cu. SE	5	Ci.-S.	Cu.
10	Calm	----	Calm	----	S	2	S	1	Calm	----	Calm	----	.5		7	Ci.-S.	Cu.	9	Ci.-S.	Cu.
11	Calm	----	S	1	S	3	S	2	S	2	Calm	----	1.3		10	A.-S.	Cu. SSW	6	Ci.-S.	Cu. SW
12	S	1	S	1	S	3	S	2	S	2	Calm	----	1.5		9	Ci.-S.	Cu. WSW	10	Ci.-S.	Cu. SW
13	Calm	----	Calm	----	S	4	S	2	S	3	Calm	----	1.5		10	Ci.-S.	Cu. SW	5	Ci.-S.	Cu. SSW
14	Calm	----	S	1	S	2	S	2	S	1	Calm	----	1		10	A.-S.	Cu. SW	7	Ci.-S.	Cu. SSW
15	Calm	----	S	1	S	3	S	2	S	1	Calm	----	1.2		3	ci.-cu. sw	Cu.	5	Ci. SW	Cu.
16	Calm	----	Calm	----	S	2	S	2	Calm	----	Calm	----	.7		4	Ci.	Fr.-Cu. ssw	2	Ci.	Cu.
17	Calm	----	Calm	----	SSE	1	S	2	Calm	----	Calm	----	.5		4	Ci.-Cu.	Cu. SSW	5	Ci.	Cu. SW
18	Calm	----	Calm	----	S	1	S	1	Calm	----	S	1	.5		10	----------	N. SSW	10	A.-S.	Fr.-N. SSW
19	Calm	----	Calm	----	S	2	S	2	S	2	Calm	----	1		10	A.-S.	Cu. SSW	10	Ci.-S.	Fr.-Cu. ssw
20	Calm	----	S	2	S	2	S	2	Calm	----	Calm	----	1		10	A.-S.	Fr.-Cu. ssw	9	Ci.-S.	Cu. SW
21	Calm	----	Calm	----	S	3	S	3	S	2	Calm	----	1.3		6	Ci.-S.	Cu. SW	4	Ci.-S.	Cu. SW
22	Calm	----	Calm	----	SSE	1	S	2	Calm	----	S	3	1		10	Ci.-S.	Cu. SW	9	Ci.-S.	Cu. SW
23	Calm	----	Calm	----	NW	1	S	1	Calm	----	Calm	----	.3		10	A.-S.	Cu. SSW	9	Ci.-S.	Cu.
24	Calm	----	Calm	----	SSE	1	S	2	S	2	Calm	----	.8		4	Ci.	Cu. ENE	7	A.-S.	Cu. ENE
25	Calm	----	SE	1	S	2	SSE	2	Calm	----	Calm	----	.8		2	Ci.	Cu.	5	Ci.	Cu. E
26	Calm	----	Calm	----	SE	2	SE	2	Calm	----	Calm	----	.7		8	A.-S.	Fr.-Cu. ESE	6	Ci.-S.	Cu. E
27	Calm	----	Calm	----	S	3	S	2	S	2	S	3	1.7		10	A.-S.	Cu. S	9	Ci.-S.	Cu.
28	Calm	----	Calm	----	S	2	Calm	----	Calm	----	S	2	.7		10	A.-S.	Cu. SSE	10	A.-S.	Cu.
29	Calm	----	Calm	----	SSE	1	SSE	1	Calm	----	S	3	.8		10	A.-S.	Cu. SE	10	Ci.-S.	Cu.-N. ENE
30	Calm	----	SSE	1	S	2	S	1	Calm	----	Calm	----	.7		10	A.-S.	Cu. ESE	5	Ci.-S.	Cu. SE
Mean	-------	0.1	-------	0.3	-------	2	-------	1.7	-------	0.6	-------	0.5	0.9		7.7	----------	----------	6.9	----------	----------

TAGBILARAN.

[$\phi = 9° 38'$ N; $\lambda = 123° 51'$ E; barometer above sea, 26.2 meters; gravity correction not applied, —1.86 mm.]

JULY, 1916.

Day.	Atmospheric pressure, 700 mm. +							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.20	57.94	58.33	56.70	57.38	58.63	57.86	22.8	23	30.3	27.9	25.6	24.3	25.6	31.7	21.7	95	96	70	76	87	94	86.3	1.9
2	57.74	57.66	58.54	56.85	58.12	58.38	57.88	24.3	23.9	26.5	27.7	24.8	23.7	25.2	28.9	22.7	94	96	86	82	92	94	90.7	7.6
3	57.32	57.75	58.87	56.68	57.58	58.84	57.84	22.8	23.1	25.6	25	24	23.6	24	26.1	22.3	95	96	93	92	94	95	94.2	1.3
4	57.65	58.49	58.96	57.56	58.54	60.08	58.55	23.2	24.2	28.9	29.4	25.9	25.5	26.2	30.2	22.3	96	97	75	64	86	89	84.5	4.7
5	59.12	59.09	59.19	57.93	58.42	60.18	58.99	24.2	23.4	28.8	27.8	26.2	25	25.9	29.6	22.5	94	96	78	79	90	97	89	------
6	59.09	59.17	59.93	58.11	59.05	60.08	59.24	24.1	23.8	30	27.5	25.9	24	25.9	30.7	22.4	96	97	66	78	91	91	86.5	.8
7	58.83	59.09	59.65	57.89	58.34	59.53	58.89	22.4	23	30.9	30.2	27.6	24.9	26.5	31.9	21.7	96	97	65	70	83	96	84.5	------
8	58.23	58.62	58.55	56.96	57.21	58.86	58.07	23.7	23.5	29.9	28.7	26.9	24.9	26.3	30.8	22.4	95	96	67	75	86	96	85.8	------
9	57.75	58.96	58.94	56.75	57.40	58.63	58.07	24.3	24	30	30.3	27.9	25.3	27	31.8	22.8	93	95	75	68	84	93	84.7	------
10	57.91	58.82	58.95	57.63	58.36	59.32	58.50	24	23.2	30.7	24.4	24	23.4	25	31.4	22.4	95	96	66	97	94	97	90.8	25.1
11	58.21	58.94	59.39	57.72	58.56	59.42	58.71	23.3	23.2	30.1	30	26	26.1	26.4	30.8	22	97	98	65	71	88	89	84.7	------
12	57.87	58.52	58.88	57.30	57.29	59.17	58.17	24.9	24.5	29.7	29.9	27.7	24.9	26.9	30.9	23.5	92	94	70	75	82	94	84.5	1
13	58.61	58.79	58.48	57.65	57.85	59.03	58.40	24	24.3	30.4	26	26.6	24.9	26	31.7	23	93	94	70	85	87	92	86.8	------
14	58.64	58.32	58.99	57.64	58.28	59.66	58.59	24.2	24.2	28.8	31.1	24.8	23.9	26.2	31.6	23.1	96	97	76	69	89	94	86.8	------
15	58.28	58.01	58.21	56.45	56.84	58.30	57.68	23.5	23.9	29.7	30.9	27	25.7	26.8	31.3	22.7	94	95	74	69	84	94	85	2.9
16	57.23	57.12	57.36	55.37	56.39	58.06	56.92	24.6	24.3	27.1	26.1	23.9	23.4	24.9	30.5	22.8	94	95	84	92	94	94	92.2	21.1
17	56.91	56.67	57.16	55.86	56.50	57.63	56.79	23.4	23.4	28	28.1	26.8	24.6	25.7	28.7	22.7	96	97	79	79	88	93	88.7	2.7
18	57.26	57.99	58.30	56.21	57.19	58.17	57.52	24.5	24.4	27.4	28.3	27	25	26.1	29.9	23.5	97	98	83	79	87	94	89.7	------
19	57.36	57.62	58	56.12	56.32	58.06	57.25	24	24	29	25.9	26.2	24.8	25.6	30.7	22.7	93	94	79	94	94	95	91.5	2.5
20	57.32	57.33	57.45	55.77	57.20	58.36	57.24	23.2	24	30	28.3	26.3	24.5	26	31.2	22.5	94	95	75	82	93	97	89.3	------
21	57.52	57.78	57.95	56.04	56.49	57.86	57.27	23.6	24.3	29.6	30.4	27.4	25.8	26.8	31.3	23	95	96	75	70	87	92	85.8	------
22	56.63	56.88	57.54	55.95	56.60	57.27	56.81	24.2	24	29.7	30.4	27.9	24.9	26.8	31.4	23	96	97	78	72	83	91	86.2	------
23	56.40	56.25	56.60	55	55.90	57.29	56.24	23.9	23.5	29.6	30.4	28	26.7	27	32.3	22.5	96	97	75	71	83	91	85.5	------
24	56.42	56.80	56.72	55.39	56.16	58.13	56.60	25	25.2	31.4	30.5	27.9	26.3	27.7	33.2	24	94	95	65	68	84	93	83.2	------
25	57.05	57.98	58.13	56.07	56.89	58.41	57.41	25.2	25.3	30.3	30.4	27.4	26	27.4	31.7	24.8	90	91	68	69	87	92	82.8	------
26	57.32	57.72	57.74	55.87	56.50	58.01	57.19	25	25.7	29.1	31.1	28.3	26.9	27.7	32.5	24.3	92	93	74	67	80	87	82.2	------
27	57.11	57.04	57.48	55.92	56.40	57.85	56.97	26.3	26.4	30.3	31.3	28	26.9	28.2	32.3	25.2	86	87	68	66	80	83	78.3	------
28	57.06	57.15	57.97	56.08	56.58	57.79	57.10	25.1	26.3	30.3	30	27.9	26.9	27.8	31.9	24.1	86	87	71	69	80	85	79.7	------
29	56.77	57.07	57.48	55.72	56.69	58.09	56.97	26.1	26	30.7	30.9	28.8	26.7	28.2	31.9	25	87	89	62	66	75	84	77.2	------
30	56.70	57.31	57.54	56.10	56.76	58.37	57.13	25.7	26.1	30.8	27	27	26.4	27.2	31.4	24.7	85	86	71	87	90	92	85.2	------
31	56.92	57.53	57.71	55.79	57.13	58.30	57.23	24.7	24.1	30.6	29.5	27.5	25.3	27	31.4	23.5	94	96	69	70	78	91	83	.5
Mean	57.59	57.88	58.23	56.55	57.25	58.57	57.68	24.2	24.3	29.5	28.9	26.7	25.2	26.5	31	23.1	93.4	94.6	73.3	75.8	86.5	92.2	86	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	72.1

Day.	Wind.														Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		Mean force.	6 a. m.			2 p. m.			
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.		Amount.	Form and direction.		Amount.	Form and direction.		
															Upper.	Lower.		Upper.	Lower.	
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–10*			*0–10*			
1	Calm	----	Calm	----	NW	1	S	1	Calm	----	Calm	----	0.3	4	Ci.	SSE	Cu.		9	Ci.-S.	Cu.-N.NE
2	Calm	----	Calm	----	S	2	SSE	1	SSE	1	Calm	----	.7	10	A.-S.		Cu.	ESE	7	Ci.	Cu.ENE
3	Calm	----	Calm	----	SE	2	Calm	----	Calm	----	S	2	.7	10	A.-S.		Cu.	ENE	10	A.-S.	Cu.
4	Calm	----	SSW	1	S	2	S	1	Calm	----	S	2	1	8	Ci.-S.		Cu.	S	7	Ci.-S.	Cu. E
5	S	1	Calm	----	S	2	SE	1	Calm	----	Calm	----	.7	10	Ci.-S.		Cu.	E	10	Ci.-S.	Cu. NE
6	Calm	----	Calm	----	SE	2	SE	1	SE	1	Calm	----	.7	4	Ci.	ESE	Cu.		6	Ci. E	Cu. NE
7	Calm	----	Calm	----	NNW	1	WNW	1	Calm	----	Calm	----	.3	2	Ci.	E	Cu.		4	Ci.	Cu.SSW
8	Calm	----	Calm	----	S	2	S	1	Calm	----	Calm	----	.5	3	Ci.	E	Cu.		6	Ci.-S.	Cu.
9	SSE	1	SE	1	S	3	S	4	Calm	----	Calm	----	1.5	4	Ci.		Fr.-Cu.NE		1	----------	Cu.
10	Calm	----	Calm	----	NNW	2	NNE	1	NNW	1	Calm	----	.7	1	Ci.		Cu.		10	A.-S.	Cu. NE
11	Calm	----	Calm	----	S	2	SSE	2	Calm	----	Calm	----	.7	10	Ci.-S.		Cu.	NE	7	Ci.-S.	Cu. E
12	Calm	----	Calm	----	S	2	NW	1	Calm	----	Calm	----	.5	3	Ci.	SE	Cu.		4	Ci.	Cu. NE
13	Calm	----	Calm	----	NNW	2	N	1	Calm	----	Calm	----	.5	5	Ci.		Cu.	E	9	Ci.-S.	cu.-N.NE
14	Calm	----	Calm	----	SSE	2	NW	1	Calm	----	Calm	----	.5	10	Ci.-S.		Cu.	E	6	Ci.-S.	Cu. NE
15	Calm	----	Calm	----	S	2	S	1	S	2	Calm	----	.8	5	Ci.-S.		Cu.		10	Ci.-S.	Cu.-N. E
16	Calm	----	Calm	----	S	3	Calm	----	Calm	----	Calm	----	.5	10	A.-S.		Cu.	E	10	A.-S.	Cu. E
17	Calm	----	Calm	----	SSE	4	S	1	Calm	----	Calm	----	.8	10	A.-S.		Cu.	ENE	9	Ci.-S.	Cu. ESE
18	Calm	----	S	1	NNW	1	SSW	2	Calm	----	Calm	----	.7	10	A.-S.		Fr.-N.ESE		7	Ci.-S.	Fr.-Cu.SW
19	Calm	----	Calm	----	NNW	1	Calm	----	Calm	----	Calm	----	.2	3	Ci.	SSE	Cu.		9	Ci.-S.	Cu.
20	Calm	----	SE	1	WNW	1	Calm	----	Calm	----	Calm	----	.3	3	Ci.-Cu.		Cu.	E	9	Ci.-S.	Cu. NE
21	Calm	----	SE	1	WNW	2	S	3	Calm	----	Calm	----	1	4	Ci.		Cu.	E	1	----------	Cu. NE
22	Calm	----	NNE	1	NW	1	S	2	Calm	----	Calm	----	.7	1	----------		Cu.	E	2	Ci.	Fr.-Cu.SW
23	Calm	----	Calm	----	S	2	S	2	SSW	1	Calm	----	.8	1	----------		Cu.		2	Ci.	Cu. SW
24	Calm	----	Calm	----	NNW	1	SE	2	Calm	----	Calm	----	.5	4	Ci.		Cu.	SSE	6	Ci.-S.	Cu. WSW
25	Calm	----	Calm	----	SSE	3	SE	2	S	1	Calm	----	1	9	Ci.-S.		Cu.	SSE	5	Ci.-S.	Cu. SW
26	Calm	----	S	3	S	2	S	3	Calm	----	Calm	----	1.3	9	Ci.-S.		Cu.	SE	1	Ci.	Cu.
27	Calm	----	Calm	----	SE	1	SW	2	S	1	S	2	1	7	A.-S.		Cu.	SSE	5	Ci.	Fr.-Cu.S
28	S	1	S	3	S	4	S	2	S	2	Calm	----	2	6	Ci.-S.		Fr.-Cu.SE		8	Ci.-S.	Fr.-Cu.W
29	Calm	----	S	1	S	3	S	2	Calm	----	Calm	----	1	4	Ci.		Cu.	SE	3	Ci.	Cu. SE
30	Calm	----	Calm	----	S	2	S	1	S	1	S	2	1	6	Ci.-S.		Cu.	ESE	10	A.-S.	Fr.-N. SE
31	Calm	----	Calm	----	S	1	S	2	Calm	----	Calm	----	.5	7	Ci.-S.		Cu.	SE	7	Ci.-S.	Cu. SW
Mean	------	0.1	------	0.4	------	2	------	1.4	------	0.4	------	0.3	0.8	5.9	----------		----------		6.5	----------	----------

TAGBILARAN.

[$\phi = 9° 38'$ N; $\lambda = 123° 51'$ E; barometer above sea, 26.2 meters; gravity correction not applied, —1.86 mm.]

AUGUST, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.90	58.45	58.79	56.91	57.69	59.01	58.12	25.3	25.5	30	31.9	28.5	26.1	27.9	32.5	23.9	93	94	74	67	74	89	81.8	2.3
2	58.11	58.20	59.05	56.98	58.03	59.38	58.29	25.1	24.9	31	30.5	28.7	26.9	27.8	31.8	24.2	94	95	64	70	73	86	80.3	4.3
3	59.23	59.08	59.13	57.44	58.74	60.42	59.01	25.1	24.6	30.3	28.3	28.5	26.8	27.4	31.2	23.6	95	97	70	75	80	90	84.5	
4	60.08	59.88	60.19	58.22	58.58	60.54	59.58	24.1	24.2	30.2	30.5	27.6	26.1	27.1	31.9	22.6	93	94	70	68	81	90	82.7	5.6
5	60.17	59.99	60.10	57.92	58.79	60.67	59.61	24	24	30.1	30.7	28.8	25	27.1	31.4	23.3	96	97	72	68	69	78	80	
6	59.28	59.12	59.68	58.04	58.63	59.57	59.05	25.2	23.9	30.4	29.7	27.3	25.9	27.1	30.9	23	90	95	61	68	76	91	80.2	
7	58.63	59.28	59.68	57.83	58.34	59.85	58.94	24	24	20.2	32.4	27.8	27.3	27.6	32.9	23.3	95	96	68	60	81	84	80.7	
8	58.77	59.56	59.74	57.57	58.23	59.63	58.92	26.3	25.2	30.8	30.3	28	27.8	28.1	31.5	24.4	88	89	61	70	76	82	77.7	
9	58.50	59.11	58.64	56.14	56.85	58.95	58.03	27.1	26.9	31.4	31.9	29	27.6	29	32.5	25.6	83	84	62	62	70	76	72.8	
10	57.71	57.59	58.10	55.52	56.23	57.94	57.18	25.7	26.2	30	31.5	28.6	27.5	28.2	31.9	25	83	84	67	62	72	77	74.2	
11	56.56	56.92	57.25	54.98	55.78	57.55	56.51	26.2	26.2	30.1	31.6	27.1	26.8	28	32.3	25.5	83	84	63	58	79	79	74.3	
12	56.84	56.61	57.38	55.63	55.45	57.20	56.52	26.2	25.7	30.5	31.5	28.6	27.1	28.3	32.5	24.6	90	91	63	65	75	80	77.3	
13	56.20	56.94	57.62	55.97	56.92	58.99	57.11	26.4	27	30.6	31.4	28.9	26.4	28.4	32	25.5	82	83	67	61	71	85	74.8	
14	58.05	58.47	58.77	57.13	58.48	60.08	58.50	26.9	25.3	30.6	31	28.6	27.8	28.4	31.9	24.6	91	93	71	64	69	74	77	
15	59.49	59.58	60.62	58.42	59.15	60.45	59.62	27	24.3	30.5	31.3	28.1	26.2	27.9	32	23.6	83	93	67	63	82	85	78.8	
16																								
17																								
18	59.07	58.81	59.25	57.23	57.90	59.39	58.61	24.5	25.4	30.4	32	28.8	27.6	28.1	32.6	23.3	92	91	64	60	72	81	76.7	
19	58.69	59.27	59.90	57.67	58.10	59.15	58.80	26.5	25.9	25.6	30.5	27.1	25.8	26.9	31.8	24.6	90	93	95	70	85	92	87.5	7.9
20	58.21	58.81	58.56	56.72	58.60	59.41	58.38	24.8	24.2	30.4	30	26.9	25.2	26.9	31.6	23.5	92	94	70	70	87	90	83.8	
21	58.58	59.19	60.22	58.05	59.22	60.21	59.24	25	24	27.7	29	26.1	23.9	26	29.7	22.8	92	93	79	69	86	92	85.2	.8
22	59.72	60.08	60.26	58.35	59.30	59.79	59.53	23.6	23.3	29.3	28.1	25.7	23.9	25.6	30.9	22.4	93	94	73	77	88	91	86	
23	58.86	58.83	59.13	57.40	57.80	58.73	58.46	23.8	23.7	30.6	28.7	27	25	26.5	31.5	23.1	93	95	67	71	86	93	84.2	
24	57.68	57.58	58.48	56.49	57.11	58.91	57.71	24	23.4	30.5	29	27.2	25.3	26.6	31.4	22.6	95	97	70	75	84	92	85.5	
25	57.77	57.96	58.50	56.63	57.56	59.66	58.01	24.9	23.1	30	29.5	26.2	25.5	26.5	31.2	22.3	92	93	71	75	85	84	83.3	
26	58.52	58.78	59.66	57.23	57.91	59.41	58.58	24.4	23.6	29.4	28.7	26	24.1	26	30.9	23	92	96	75	79	87	94	87.2	11.8
27	57.98	57.57	58.47	55.93	57.20	58.88	57.67	23.8	23.8	32	29	26.6	25.1	26.7	33	22.9	92	93	63	78	90	92	84.7	.5
28	57.60	57.88	57.95	55.95	56.85	59.34	57.60	24.2	23.3	30.9	27.5	25.9	24	26	32.4	22.5	93	96	71	81	88	93	87	9.3
29	57.86	57.77	58.45	57.05	58.06	59.67	58.14	23.2	24	29.4	29.1	26.6	24.5	26.1	30.4	22.6	96	97	72	68	83	93	84.8	
30	58.28	57.97	59.03	57.26	58.26	59.25	58.34	23.6	23.3	29.8	31.4	27	24.7	26.6	32.1	22.4	94	95	71	65	91	94	85	2.5
31	58.76	59.28	59.41	57.25	58.45	59.83	58.83	22.9	23.4	31	26.5	27	24.3	25.8	31.8	22.5	95	96	64	86	83	91	85.8	59.6
Mean	58.38	58.57	59.03	57.03	57.87	59.37	58.38	25	24.6	30.1	30.1	27.5	25.9	27.2	31.7	23.6	91	92.8	69.1	69.1	80.1	86.8	81.5	
Total																								[a]104.6

Day.	Wind.												Mean force.	Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.			6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.		Amount.	Form and direction.		Amount.	Form and direction.	
															Upper.	Lower.		Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–10*			*0–10*		
1	Calm	----	Calm	----	S	1	SSE	1	Calm	----	Calm	----	0.3	10	A.-S.	Fr.-N. SE	4	Ci.	Cu. SSW
2	Calm	----	Calm	----	S	2	SE	3	SSE	1	Calm	----	1	2	Ci.	Cu. SSW	4	Ci.	Cu. ESE
3	Calm	----	Calm	----	SSE	3	SE	2	Calm	----	Calm	----	.8	6	Ci.-S.	Cu. ENE	7	Ci.-S.	Cu.-N.NE
4	S	2	Calm	----	S	2	S	2	S	2	S	2	1.7	6	Ci.-S.	Cu. SSW	5	Ci.	Cu. WSW
5	S	1	Calm	----	NW	1	W	2	Calm	----	S	4	1.3	7	Ci.-S.	Cu. SSW	6	Ci.-S.	Cu. SW
6	S	1	S	1	S	2	S	3	Calm	----	Calm	----	1.2	7	Ci.-S.	Cu. SSW	7	Ci.-S.	Cu. SSW
7	Calm	----	SE	1	S	2	SSW	1	S	2	S	2	1.3	6	Ci.-Cu.	Fr.-Cu. SW	3	Ci.	Fr.-Cu. SW
8	S	2	SSE	1	S	3	S	2	S	2	S	2	2	5	Ci.	Cu. SW	5	Ci.-S.	Cu.
9	Calm	----	SSW	1	SSW	4	S	4	SSW	2	Calm	----	1.8	4	Ci.-Cu.	Cu. SW	6	Ci.-S.	Cu. SW
10	Calm	----	S	3	S	4	SSW	5	S	3	S	2	2.8	10	Ci.-S.	Cu.	7	Ci.-S.	Cu.
11	Calm	----	Calm	----	SSW	2	S	4	S	2	Calm	----	1.3	7	Ci.-S.	Cu. SW	3	Ci.	Cu. SW
12	Calm	----	S	2	S	4	S	2	SSW	2	S	2	2	9	Ci.-S.	Cu. SW	5	Ci.	Cu. SSW
13	SSW	1	S	1	S	3	S	4	Calm	----	Calm	----	1.5	9	Ci.-S.	Cu. WSW	1	Ci.	Cu.
14	Calm	----	S	1	S	4	S	4	S	2	S	3	2.3	5	Ci.-S.	Cu. SW	3	Ci.	Cu. SW
15	S	2	SE	2	SSE	3	S	4	Calm	----	S	2	2.2	6	Ci.-S.	Cu. SSE	1	Ci.	Cu.
16																			
17																			
18	Calm	----	SSE	1	SW	3	SSW	3	Calm	----	Calm	----	1.2	2	Ci. SW	Cu.	1		Fr.-Cu. W
19	Calm	----	S	2	SSW	1	SSW	1	Calm	----	Calm	----	.7	9	Ci.-S.	Cu. SW	6	Ci.-S.	Cu. WSW
20	Calm	----	Calm	----	SSW	1	S	1	Calm	----	Calm	----	.3	7	Ci.-S.	Cu. SSW	6	Ci.-S.	Cu. SW
21	S	2	Calm	----	SSW	1	S	1	Calm	----	Caim	----	.7	10	A.-S.	Fr.-N.SSW	9	Ci.-S.	Cu. SW
22	Calm	----	Calm	----	S	2	SSE	1	Calm	----	Calm	----	.5	2	Ci.	Cu.	10	Ci.-S.	Cu.-N.ENE
23	Calm	----	Calm	----	NW	1	SSW	1	Calm	----	Calm	----	.3	2	Ci.	Cu. SE	8	Ci.-S.	Cu.-N.E
24	Calm	----	Calm	----	S	3	S	2	Calm	----	Calm	----	.8	7	Ci.	Cu. E	7	Ci.	Cu.-N.NE
25	Calm	----	Calm	----	S	4	SSE	1	Calm	----	Calm	----	.8	7	Ci.-S.	Cu. ESE	9	Ci.-S.	Cu. SSW
26	Calm	----	Calm	----	NNW	1	NNW	1	Calm	----	Calm	----	.3	10	A.-S.	Cu. ENE	9	Ci.-S.	Cu.
27	Calm	----	Caim	----	S	2	SE	1	Calm	----	Calm	----	.5	1	Ci.	Cu.	7	Ci.-S.	Cu.-N.NE
28	Calm	----	Calm	----	NNW	1	S	1	Calm	----	S	5	1.2	7	A.-S.	Cu.	9	Ci.-S.	Cu.ENE
29	S	2	Calm	----	S	3	S	1	Calm	----	Calm	----	1	9	Ci.-S.	Cu. SSW	7	Ci.-S.	Cu.SSW
30	Calm	----	Calm	----	S	2	NW	2	Calm	----	Calm	----	.7	2	Ci.	Cu.	2	Ci.	Cu. W
31	Calm	----	NE	1	SSE	2	S	1	ESE	3	Calm	----	1.2	1	Ci. E	Cu.	10	A.-S.	Cu. E
Mean		0.4		0.6		2.3		2.1		0.7		0.8	1.2	6			5.8		

NOTE.—This station was temporarily closed on the 16th and 17th.

[a] 29 days of observation.

TAGBILARAN.[a]

[ϕ=9° 38′ N; λ=123° 51′ E; barometer above sea, 26.2 meters; gravity correction not applied, —1.86 mm.]

SEPTEMBER, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.82	59.09	59.54	57.54	58	59.32	58.72	23.6	23.8	28.6	28.7	26.8	25.2	26.1	29.9	22.6	92	94	76	75	88	93	86.3	------
2	58.98	58.32	58.35	56.19	57.05	58.01	57.82	23.5	23.3	28.9	29	26.7	24.4	26	29.9	22.6	96	97	75	74	85	93	86.7	------
3	56.51	56.93	57.07	55.65	56.05	56.78	56.50	26	25.4	30.8	30.7	27.5	27.1	27.9	32.5	24.4	85	87	59	60	78	85	75.7	------
4	56.45	56.68	57.23	55.39	56.14	57.32	56.54	26.3	24.9	29.8	30.4	26.3	24.2	27	31.1	23	88	91	67	66	84	91	81.2	------
5	56.71	57.37	58.48	56.27	57.49	58.32	57.44	23.1	23.8	30.2	29.5	26.6	24.6	26.3	31.4	22.5	90	91	69	66	83	91	81.7	------
6	57.72	58.07	58.48	55.98	57.23	58.62	57.68	24	24.3	30.5	30	28	25.4	27	31.5	23.4	91	92	67	65	79	88	80.3	------
7	57.31	57.72	57.92	55.54	57.06	58.21	57.29	24.8	24.5	31.1	26.7	26.7	25.1	26.5	31.6	23.5	92	93	64	86	88	92	85.8	4.1
8	57.73	58.27	59.11	56.38	57.42	58.88	57.96	24.9	24.1	29.3	28.9	24.1	24	25.9	30.3	23.4	93	96	76	74	95	96	88.3	13.2
9	57.37	57.91	58.35	56.19	57.41	58.81	57.67	23.3	23.5	28	28.2	25	24.2	25.4	30.3	22.5	93	95	80	82	94	97	90.2	8.4
10	57.27	58.04	58.56	56.36	57.89	59.44	57.93	23.3	23.6	26	28.8	26.8	24.9	25.6	29.3	22.5	95	96	85	73	83	92	87.3	62.5
11	58.23	59.16	59.68	57.27	58.61	60.70	58.94	24	24	29.3	29.3	27	23	26.1	30.5	22	96	97	70	74	86	92	85.8	81
12	59.57	59.78	60.61	57.41	58.57	59.51	59.24	22.5	23.2	29.4	28.1	26	24.5	25.6	30.6	21.7	93	94	76	77	89	94	87.2	1.3
13	58.49	58.08	58.41	56.29	56.74	57.82	57.64	23.2	23.6	28.7	29.4	26	23.7	25.8	31.2	22.6	94	95	71	69	94	97	86.7	22.1
14	56.76	57.03	57.65	55.55	56.39	57.62	56.83	23.2	23.3	26.2	30	27	25.4	25.8	30.6	22.4	94	95	89	71	80	92	86.8	42.2
15	56.59	57.26	58.03	56.38	57.16	58.65	57.34	25.9	24.6	29.4	29.5	27.1	25	26.9	31.5	23.8	93	95	74	69	86	92	84.8	------
16	57.68	57.97	58.52	56.49	57.19	58.67	57.75	24.4	24.2	30.6	28	25.5	25	26.3	32.2	23.5	94	95	70	82	86	91	86.3	------
17	57.52	57.69	57.65	55.24	56.80	57.83	57.12	24	24.5	30.4	27.8	26.2	24.8	26.3	30.9	23.5	92	93	72	82	89	94	87	------
18	56.91	57.01	57.63	55.08	56.58	57.76	56.83	24.3	24.4	30.5	30.5	28	26	27.3	31.7	23.5	94	95	74	68	82	94	84.5	------
19	56.32	57.01	57.52	55.12	56.65	58.41	56.84	24.8	24.2	31.8	31.6	28.7	26.7	28	32.5	23.5	94	97	66	62	73	84	79.3	------
20	57.20	57.19	57.70	56.07	56.78	57.81	57.12	26.1	26	30.8	30.1	28	25.5	27.8	33.5	24.5	88	89	63	71	85	93	81.5	------
21	56.35	56.95	57.43	54.79	55.85	56.74	56.35	24.6	24.8	31.4	29.5	27	25.8	27.2	31.9	23.5	95	97	65	72	94	92	85.8	.5
22	55.90	56.55	56.30	54.30	55.01	56.91	55.83	26.1	26.2	30.2	31.3	27.7	25.5	27.8	32.6	24.9	86	87	68	60	79	80	76.7	------
23	55.17	55.76	56.43	54.53	55.82	55.92	55.60	26	25.9	30.3	28.3	27	26.4	27.3	31.3	24.8	80	81	62	71	78	82	75.7	------
24	54.62	55.97	56.40	54.36	55.47	57.43	55.71	26.4	25.7	27.4	30.2	28	26.1	27.3	31.2	23.6	79	80	83	67	82	84	79.2	9.9
25	55.89	57	57.05	54.86	56.20	57.59	56.43	25.4	25.9	29.3	29.5	28	27.6	27.6	31.3	24.2	86	87	72	68	76	84	78.8	------
26	56.43	56.92	57.73	55.55	56.80	58.29	56.95	26	24	30.8	29.6	27.9	26.5	27.5	32.3	22.9	89	91	65	70	78	90	80.5	------
27	57.27	58.07	58.49	56.25	57.28	57.92	57.55	25.9	25.5	32.4	24.4	24.5	24.2	26.2	33.5	23	94	96	60	91	98	95	88.2	8.8
28	57.07	56.94	57.51	55.79	56.86	58.06	57.04	23.4	24.5	30.3	29.4	24.2	24	26	32.9	22.5	96	97	72	76	95	94	88.3	24.1
29	57.21	56.78	57.80	56.10	56.97	58.01	57.14	23.8	24.2	29.2	28.4	25.5	24.5	25.9	30.8	22.7	95	97	76	79	90	93	88.3	------
30	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
Mean	57.11	57.50	57.99	55.82	56.88	58.12	57.23	24.6	24.5	29.7	29.2	26.7	25.1	26.6	31.4	23.2	91.3	92.8	71.2	72.4	85.2	90.9	84	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	223.1

Day.	Wind.												Mean force.	Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.			6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–10*			*0–10*		
1	Calm	----	Calm	----	SE	2	S	1	Calm	----	Calm	----	0.5	10	A.-S.	Cu. ENE	10	Ci.-S.	Cu.
2	Calm	----	Calm	----	S	2	S	4	Calm	----	Calm	----	1	10	Ci.-S.	Cu. ENE	8	Ci.-S.	Cu. NE
3	Calm	----	SSE	1	S	2	SSE	1	Calm	----	Calm	----	.7	5	Ci.-S.		8	Ci.-S.	Cu.
4	Calm	----	Calm	----	S	2	S	2	Calm	----	Calm	----	.7	9	Ci.-S.	Cu.	5	Ci.-S.	Cu. E
5	Calm	----	Calm	----	S	2	SSE	2	Calm	----	Calm	----	.7	10	Ci.-S.	Cu. NE	8	Ci.-S.	Cu. NE
6	Calm	----	NE	1	SSE	4	S	3	Calm	----	Calm	----	1.3	2	Ci.-Cu. E	Cu.	4	Ci.	Cu. ENE
7	Calm	----	Calm	----	S	3	SE	1	Calm	----	Calm	----	.7	5	Ci.	Cu. ENE	9	A.-S.	Cu. NE
8	Calm	----	Calm	----	NW	2	S	1	Calm	----	Calm	----	.5	10	A.-S.	Cu. ESE	8	Ci.-S.	Cu. E
9	Calm	----	Calm	----	NNW	2	SE	1	Calm	----	Calm	----	.5	7	Ci.-S.	Cu. E	9	Ci.-S.	Cu. NE
10	Calm	----	S	4	S	1	SSE	1	SSW	2	Calm	----	1.3	10	----------	N. SSW	10	Ci.-S.	Cu. E
11	Calm	----	Calm	----	S	3	NNW	1	Calm	----	S	2	1	10	A.-S.	Cu. SSE	9	Ci.-S.	Cu. NE
12	Calm	----	E	2	SSE	1	S	1	Calm	----	NW	1	.8	10	A.-S.	Cu. NE	10	Ci.-S.	Cu. NE
13	Calm	----	Calm	----	S	2	NNW	2	Calm	----	NNW	1	1	10	Ci.-S.	Cu. NE	7	Ci.-S.	Cu. NE
14	Calm	----	Calm	----	S	3	S	2	Calm	----	Calm	----	.7	10	A.-S.	Fr.-N. NNE	9	Ci.-S.	Cu. SSW
15	Calm	----	Calm	----	SSE	2	S	2	Calm	----	Calm	----	.7	8	Ci.-S.	Fr.-Cu. SSW	9	Ci.-S.	Cu.
16	Calm	----	Calm	----	S	2	SSE	1	Calm	----	Calm	----	.5	4	Ci.	Fr.-Cu. SSW	10	Ci.-S.	Fr.-Cu. NE
17	Calm	----	Calm	----	S	2	S	3	Calm	----	Calm	----	.8	7	Ci.-S.	Cu. ESE	8	Ci.-S.	Cu. ENE
18	Calm	----	Calm	----	S	3	S	2	Calm	----	Calm	----	.8	4	Ci.	Cu. SE	5	Ci.	Cu. W
19	Calm	----	Calm	----	NW	1	S	3	Calm	----	Calm	----	.7	4	Ci.	Cu. SSW	2	Ci.	Cu. SW
20	Calm	----	Calm	----	S	1	S	2	Calm	----	Calm	----	.5	2	Ci. S	Cu.	6	Ci.-S.	Cu. SW
21	Calm	----	Calm	----	SSW	2	SE	2	Calm	----	Calm	----	.7	10	A.-S.	Cu.	10	A.-S.	Cu.
22	Calm	----	S	2	S	2	W	2	SW	3	SW	4	2.2	10	A.-S.	Cu.	9	Ci.-S.	Cu. SW
23	SSW	2	SSW	2	SSW	3	W	4	W	4	SW	3	3	10	Ci.-S.	Fr.-Cu. SW	10	Ci.-S.	Fr.-Cu. SW
24	SSW	2	SSW	2	SW	3	SSW	4	S	4	Calm	----	2.5	10	A.-S.	Cu. SW	9	Ci.-S.	Cu. W
25	S	2	S	2	S	4	S	4	S	3	Calm	----	2.5	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
26	Calm	----	Calm	----	S	2	S	3	Calm	----	Calm	----	.8	10	Ci.-S.	Cu.	9	Ci.-S.	Cu.
27	Calm	----	Calm	----	S	2	Calm	----	Calm	----	Calm	----	.3	10	Ci.-S.	Cu.	10	A.-S.	Cu.
28	Calm	----	Calm	----	S	2	S	3	SW	2	Calm	----	1.2	10	Ci.-S.	Cu. SW	10	A.-S.	Cu. SW
29	Calm	----	Calm	----	S	2	S	2	Calm	----	Calm	----	.7	10	A.-S.	Cu. SSW	10	Ci.-S.	Cu. W
30	------	----	------	----	------	----	------	----	------	----	------	----	------	------	------	------	------	------	------
Mean	------	0.2	------	0.6	------	2.2	------	2.1	------	0.6	------	0.4	1	8.2	----------	----------	8.3	----------	----------

[a] 29 days of observation.

TAGBILARAN.[a]

[$\phi = 9° 38'$ N; $\lambda = 123° 51'$ E; barometer above sea, 26.2 meters; gravity correction not applied, —1.86 mm.]

OCTOBER, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.75	58.46	58.98	56.70	57.74	58.88	58.08	24.2	24.2	31	30.6	27.6	25	27.1	32.3	23.4	93	94	64	65	82	90	81.3	1.8
2	58.27	59.14	59.22	57.49	59.14	59.87	58.86	24.9	23.3	27	28.8	25.9	24.8	25.8	29.6	22.6	94	97	88	75	86	91	88.5	
3	58.61	58.93	59.79	57.53	58.34	59.71	58.82	23.7	23.4	30	31	26.3	24.7	26.5	31.8	22.5	92	94	66	59	85	89	80.8	
4	58.76	59.42	59.58	57.25	58.40	59.45	58.81	23.1	23.9	31	31.6	26.9	25.8	27	32.6	22.6	92	94	68	61	87	88	81.7	
5	58.17	58.12	58.88	56.48	57.49	58.40	57.92	25.1	24.5	28.9	30.5	25.2	24.9	26.5	32.3	23.5	92	94	78	67	84	87	83.7	
6	57.33	57.67	57.81	55.79	57.15	58.43	57.36	23.3	23.7	30.4	28.3	26.2	24.8	26.1	32.8	22.7	94	95	69	77	85	92	85.3	
7	57.16	57.57	58.33	56.48	57.71	59.01	57.71	23.5	24.3	31	30.9	27.9	24	26.9	32.7	23	91	92	63	64	78	88	79.3	
8	57.74	58.73	59.33	56.97	57.91	59.91	58.43	23.3	23.9	31	32.3	26.4	24.2	26.8	33.3	22.5	93	94	64	56	81	88	79.3	
9	57.74	58.73	59.33	56.97	57.91	59.91	58.43	23.3	23.9	31	32.3	26.4	24.2	26.8	33.3	22.5	93	94	64	56	81	88	79.3	
10	59.11	59.69	59.92	57.69	58.60	59.83	59.14	24.1	23.3	31.7	30.3	27	24.9	26.9	32.4	22.3	91	93	64	74	84	91	82.8	1
11	58.18	58.21	58.48	55.94	56.94	58.22	57.66	23.9	23.5	30.1	31.8	27	25.1	26.9	33.5	22.4	93	96	69	65	88	92	83.8	
12	57.11	57.62	57.81	55.92	56.82	58.13	57.24	24.2	24.4	30.4	29	25.8	24.9	26.4	31.2	23.5	92	93	71	81	88	92	86.2	.5
13	57.36	58.12	58.63	56.33	57.33	58.77	57.76	24.7	24.2	30.5	30	26.5	25	26.8	31.4	23.4	94	96	71	68	86	95	85	
14	57.19	57.73	58.44	55.94	56.73	57.42	57.24	24.1	24.4	29.2	31.1	26.9	24.5	26.7	32.7	23.4	94	95	71	64	83	91	83	
15	56.25	56.87	56.96	54.95	56.46	57.45	56.49	24.1	24.1	31	28	26.7	24.8	26.4	32.2	23.2	93	94	65	80	88	92	85.3	
16	56.31	57.32	57.23	55.44	56.86	58.10	56.88	24.8	24	30.3	26.7	26	24.9	26.1	31.4	23.3	93	95	70	90	90	92	85.3	
17	56.97	57.64	58.19	55.38	57.16	58.37	57.28	24.3	24.2	30	30.2	25.5	25	26.5	31.3	23.4	94	95	71	74	94	93	86.8	
18	57.58	57.81	58.09	55.82	56.74	57.80	57.31	24.5	24.7	31.3	30.8	25.8	25	27	32.3	23.5	94	95	63	68	92	92	84	1
19	56.88	57.32	57.14	54.57	55.71	57.02	56.44	24.4	24.3	31.4	30.7	27	25.5	27.2	32.7	23.5	93	94	65	71	86	89	83	
20	56.12	56.73	57.26	54.93	56.75	58.03	56.64	24.2	24	32.3	30	27	24.7	27	32.8	23	94	95	63	77	82	91	83.7	
21	56.94	57.53	58.45	55.96	57.04	58.46	57.40	24.2	24.3	27.1	27	25.5	24.7	25.5	31.5	23.2	92	93	87	89	88	92	90.2	20.6
22	57.41	57.94	58.18	55.62	57.04	58.43	57.44	24	24.1	29	30.7	26.5	24.6	26.5	31.4	22.5	95	96	74	70	83	93	85.2	
23	57.28	57.67	58.27	55.85	56.67	57.96	57.28	24	23.9	30.1	27.9	26	24.8	26.1	31.2	23	93	94	69	82	92	95	87.5	4.2
24	57.53	58.54	59.43	57.07	58.20	59.76	58.42	24.3	23.9	25.5	27.7	26.5	25.9	25.6	28.5	22.6	94	95	93	76	83	92	88.8	86.1
25	58.72	59.47	60.24	57.84	58.81	60.67	59.29	24.5	24.2	29.5	28.7	26.7	24.4	26.3	31.3	23.3	94	96	76	74	88	87	85.8	5.6
26	59.67	60.18	60.17	57.89	58.32	59.46	59.28	24.2	24	31	26.2	25.3	24.3	25.8	31.5	22.8	94	95	67	91	91	95	88.8	9.9
27	58.41	59.26	58.68	56.44	57.04	58.23	58.01	23.5	23.5	29.1	26.8	25.3	24	25.4	29.8	22.6	96	97	71	82	90	93	88.2	
28	57.18	57.46	58.04	55.81	56.84	57.74	57.18	23.2	23.3	28.4	29.2	26	24.2	25.7	31	22.4	95	96	77	78	90	93	88.2	50.4
29	57.38	57.58	58.33	56.66	57.87	58.77	57.76	23.2	23.3	30.9	27.4	26	24.7	25.9	31.7	22.3	95	96	67	85	89	92	87.3	1.8
30	58.13	58.49	58.55	56.64	57.43	57.85	57.85	23.7	23.5	28.3	31.2	26.7	24.8	26.4	31.8	22.6	96	97	78	66	85	92	85.7	
31	57.16	57.52	57.40	54.93	56.37	56.82	56.70	23.9	23.7	28.7	29.9	26	24.4	26.1	30.5	22.5	95	96	73	69	88	94	85.8	
Mean	57.62	58.16	58.53	56.28	57.39	58.56	57.76	24	23.9	29.9	29.5	26.3	24.8	26.4	31.7	22.9	93.5	94.9	71.2	73.3	86.5	91.4	85.1	
Total																								132.9

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.			6 a. m.			2 p. m.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Mean force.	Amount.	Form and direction.		Amount.	Form and direction.
															Upper.	Lower.		Upper.	Lower.
		0–12		0–12		0–12		0–12		0–12		0–12	0–12	0–10			0–10		
1																			
2	Calm		Calm		S	2	S	1	Calm		Calm		0.5	2	Ci.-Cu.	Cu.	6	Ci.-S.	Cu. ENE
3	Calm		Calm		SSW	1	S	1	Calm		Calm		.3	10	A.-S.	Cu. SSW	10	Ci.-S.	Cu. E
4	Calm		Calm		SSE	2	SE	2	Calm		Calm		.7	2	Ci.	Cu.	5	Ci.-Cu.	Cu. NE
5	Calm		Calm		SSE	2	S	1	Calm		Calm		.5	4	Ci.	Cu. ESE	4	Ci.	Cu. NE
6	Calm		Calm		NW	1	SE	1	Calm		Calm		.3	5	Ci.	Cu. ENE	8	Ci.-S.	Cu. SSW
7	Calm		Calm		NW	2	S	1	Calm		Calm		.5	5	Ci.-S.	Cu. E	8	Ci.-S.	Cu. NE
8	Calm		Calm		S	3	S	3	Calm		Calm		1	1	Ci.	Cu.	5	Ci.-S.	Cu. ESE
9	Calm		Calm		SE	2	SE	2	Calm		Calm		.7	6	Ci.	Cu. SW	1	Ci.	Cu. NE
10	Calm		Calm		SSE	3	NNW	1	Calm		Calm		.7	2	Ci.	Cu.	6	Ci.	Cu.-N.NE
11	Calm		Calm		SSE	2	S	3	Calm		Calm		.8	5	Ci.-S.	Cu. ESE	3	Ci.	Cu. ENE
12	Calm		Calm		S	3	NW	2	Calm		Calm		.8	1		Cu.	5	Ci.	Cu. ENE
13	Calm		Calm		S	3	SSE	1	Calm		Calm		.7	7	Ci.-S.	Cu. E	8	Ci.-S.	Cu. NE
14	Calm		SE	1	ESE	2	NNW	1	Calm		Calm		.7	6	Ci.-S.	Cu. ENE	5	Ci.-S.	Cu. NNE
15	Calm		SE	1	SSE	1	S	2	Calm		Calm		.7	6	A.-S.	Cu. E	7	Ci.-S.	Cu. ENE
16	Calm		Calm		S	3	SE	1	Calm		Calm		.7	9	Ci.-S.	Cu.	10	Ci.-S.	Cu. NE
17	Calm		Calm		SSE	2	NNW	2	Calm		Calm		.7	10	Ci.-S.	Cu.	5	Ci.-S.	Cu. NE
18	Calm		Calm		S	4	NNW	1	Calm		Calm		.8	9	Ci.-S.	Cu. NE	5	Ci.	Cu. NE
19	Calm		NNE	1	S	2	S	1	Calm		Calm		.7	3	Ci.	Cu. E	6	Ci.-S.	Cu. E
20	Calm		Calm		SE	3	S	2	Calm		Calm		.8	1	Ci.	Cu.	6	Ci.-S.	Cu. E
21	Calm		SE	1	S	2	SE	1	Calm		Calm		.7	5	Ci.	Cu. E	10	A.-S.	N. E
22	Calm		Calm		S	2	WNW	1	Calm		Calm		.5	7	Ci.-S.	Cu. NNE	4	Ci.	Fr.-Cu. SW
23	Calm		Calm		S	2	SSW	1	Calm		Calm		.5	6	Ci.-S.	Cu. ESE	10	A.-S.	Cu.-N. E
24	Calm		Calm		S	1	S	4	Calm		Calm		1.2	10	A.-S.	Fr.-N. SW	9	Ci.-S.	Cu. SW
25	Calm		Calm		SSW	2	NNE	1	Calm		Calm		.5	7	Ci.-S.	Cu. SSE	8	Ci.-S.	Cu. SE
26	S	2	Calm		W	1	Calm		Calm		Calm		.5	6	Ci.	Cu. E	10	A.-S.	Cu. NE
27	Calm		Calm		S	1	SSE	1	Calm		Calm		.3	10	A.-S.	Cu. E	10	Ci.-S.	Cu. E
28	Calm		Calm		SSE	2	N	2	Calm		Calm		.7	1	Ci.	Cu.	6	Ci.-S.	Cu. NE
29	Calm		Calm		S	2	SSE	1	Calm		Calm		.5	7	Ci.-S.	Cu. NE	8	A.-S.	Cu. NE
30	Calm		Calm		SSE	1	W	2	Calm		Calm		.5	1	Ci.	Fr.-Cu.NE	5	Ci.	Cu. NE
31	Calm		Calm		S	2	S	4	Calm		Calm		1	1	Ci. SE	Cu.	3	Ci.	Cu. NE
Mean		0.1		0.1		2		1.5		0.1		0	0.6	5.2			6.5		

[a] 30 days of observation.

TAGBILARAN.

[ϕ=9° 38′ N; λ=123° 51′ E; barometer above sea, 26.2 meters; gravity correction not applied, —1.86 mm.]

NOVEMBER, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	55.60	56.26	56.93	54.89	55.91	57.10	56.12	23.3	23.4	30.1	28	26.4	25.4	26.1	31.6	22.2	94	95	72	76	87	91	85.8	1.3
2	56.20	56.39	56.93	55.69	56.62	58.63	56.74	23.4	23.5	30.6	26.6	24.4	24.5	25.5	32.1	22.2	93	94	68	81	95	95	87.7	2.3
3	57.14	57.52	57.92	55.69	56.99	58.12	57.23	22.2	22.6	30	27.8	25.1	24.4	25.4	31.3	21.6	94	95	74	77	96	95	88.5	------
4	56.72	57.33	57.35	55.01	55.99	57.46	56.64	24.1	23.8	29.4	27	25.8	23.8	25.6	31.3	22.7	94	95	79	89	92	95	90.7	3
5	56.25	57.22	57.64	54.35	55.74	57.06	56.38	22.8	23.4	31	32.8	27	26	27.2	33.3	21.4	92	93	68	57	82	86	79.7	------
6	56.07	57.03	57.41	54.93	56.49	57.35	56.55	24.5	24.3	31.4	31.8	27.9	24.9	27.5	32.5	23.2	92	93	66	56	80	92	79.8	------
7	55.97	57.11	57.51	55.30	56.70	57.63	56.70	24	24.6	31.4	29.6	25.6	24.6	26.6	32.5	23.2	90	91	66	70	81	89	81.2	------
8	56.66	57.96	59.01	56.34	57.39	59	57.73	23.9	24.3	26.3	29.5	26.8	25.6	26.1	31.1	22.8	95	96	86	71	86	93	87.8	7.9
9	58.17	58.46	58.74	56.69	57.73	58.84	58.10	23.1	23.3	29.7	28.9	24.6	23.9	25.6	31.5	22.5	97	97	72	74	93	94	87.8	.8
10	57.84	58.24	58.48	55.93	56.92	57.88	57.55	24.1	24.3	30.7	25.6	25	24.1	25.6	32.4	22.9	94	95	67	92	95	94	89.5	31.5
11	56.84	57.28	58.25	55.99	57.36	58.24	57.33	23.6	23.5	29.7	28	25	24.1	25.6	30.5	22.2	95	96	72	80	92	93	88	16.8
12	57.36	57.84	58.29	56.23	57.36	58.32	57.57	23.7	23.9	29.8	30.4	25.7	24	26.2	30.9	22.5	94	95	64	66	88	90	82.8	------
13	57.59	58.48	58.99	56.58	57.66	58.81	58.02	24	24	29.2	28.6	25.4	24.2	25.9	30.5	22.6	91	92	73	76	89	92	85.5	4.6
14	57.75	57.66	57.79	55.53	57.47	57.52	57.29	23	23.5	30.2	28.3	24	23.1	25.4	31.6	22	95	96	62	80	90	93	86	5.6
15	56.38	57.24	56.83	54.89	56.30	57.44	56.51	23	23.4	31	30	25	23.6	26	31.5	22.1	91	92	68	73	92	93	84.8	2.3
16	56.62	57.04	56.78	54.89	55.97	57.25	56.42	24	24.8	27	28.6	25.7	24.6	25.8	29.1	23.2	92	93	83	73	91	94	87.7	------
17	56.67	57.43	57.77	55.73	57.15	58.01	57.13	23.9	23.7	30.2	30.1	27.4	25.9	26.9	31.4	22.4	96	97	68	67	81	91	83.3	------
18	57.43	58.53	59.29	57.18	58.53	59.02	58.33	24.9	24.8	30.6	29.8	26.4	24.8	26.9	31.3	23.5	96	97	71	71	85	93	85.5	------
19	58.08	58.68	58.88	56.25	58.21	58.90	58.17	23.5	23.4	29.7	30.2	27	25.4	26.5	31.4	22.3	95	96	73	66	84	88	83.7	------
20	57.75	58.41	58.48	55.86	56.97	58.20	57.61	24.5	24.6	30.7	26.9	25.4	24.5	26.1	32.5	23.4	94	95	69	83	90	95	87.7	------
21	57.31	58.54	59.02	56.76	57.95	59.47	58.18	24.2	24.2	29.9	26.5	25	24	25.6	31.1	23.2	93	94	71	84	92	92	87.7	------
22	58.77	58.86	59.16	57.06	58.10	59.26	58.54	24	23.1	26	28	25.3	23.9	25	29.6	22.5	95	97	82	68	88	92	87	------
23	58.24	58.75	58.89	56.67	57.65	58.46	58.11	22.9	22.1	30	30.5	26.5	24	26	31	21.4	95	96	64	63	86	95	83.2	------
24	57.64	57.74	58.06	55.60	56.28	57.51	57.14	22.5	23.7	30.9	26.7	24	23.6	25.2	32.3	21.9	91	92	70	90	91	93	87.8	------
25	56.34	56.43	57.01	54.80	55.83	56.67	56.18	22.5	23.5	30.4	29.8	25.5	23	25.8	32.3	21.7	95	96	73	72	86	91	85.5	------
26	55.12	55.54	55.51	53.31	54.71	55.55	54.96	21.9	23.1	30.1	31.4	26.3	25	26.3	32	20.9	94	95	68	60	86	90	82.2	------
27	54.75	55.39	55.64	53.46	54.66	55.26	54.86	23.7	23	30.3	31.4	25.9	25	26.6	32.7	22.2	92	95	68	63	94	94	84.3	1.3
28	54.85	55.80	56.28	54.18	54.77	55.60	55.25	24.1	24	29.2	30	27.7	25	26.7	31.4	22.9	95	97	74	70	85	92	85.5	------
29	55.16	55.80	56.83	54.88	56.36	57.65	56.11	24.1	24.8	23.9	25.6	24.6	22.9	24.3	26.2	22.4	94	95	96	90	95	92	93.7	9.7
30	56.36	56.85	57.10	55.23	56.15	56.61	56.38	23.2	22.5	29.5	30.5	24.9	23.6	25.7	31.6	21.8	94	95	61	61	90	80	80.2	------
Mean	56.79	57.39	57.76	55.53	56.73	57.76	56.99	23.6	23.7	29.6	29	25.7	24.4	26	31.4	22.4	93.7	94.8	71.6	73.3	88.7	91.9	85.7	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	87.1

Day.	Wind.														Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		Mean force.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.			Amount.	Form and direction.		Amount.	Form and direction.	
																Upper.	Lower.		Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*		*0–10*			*0–10*		
1	Calm	----	Calm	----	S	3	NE	2	Calm	----	Calm	----	0.8		2	Ci.	Cu. SE	9	Ci.-S.	Fr.-N.NNE
2	Calm	----	SE	1	NNW	1	NNW	1	Calm	----	S	2	.8		2	Ci.	Fr.-Cu. SSE	10	Ci.-S.	N. NE
3	Calm	----	Calm	----	NW	1	SE	1	Calm	----	NW	2	.7		2	Ci.	Fr.-Cu. SE	10	Ci.-S.	Cu.-N. NE
4	Calm	----	Calm	----	NNW	1	S	2	Calm	----	Calm	----	.5		1	Ci.	Cu.	7	Ci.-S.	Cu. ENE
5	Calm	----	Calm	----	NW	1	NNW	1	SSW	2	Calm	----	.7		3	Ci.	Fr.-Cu. E	1	Ci.	Fr.-Cu.NE
6	Calm	----	Calm	----	W	2	S	1	S	2	Calm	----	.8		7	Ci.-S.	Cu. NNE	1	Ci.	Fr.-Cu.SW
7	Calm	----	Calm	----	W	1	S	2	S	1	Calm	----	.7		5	Ci.-S.	Cu.	5	Ci.-S.	Cu. W
8	Calm	----	S	2	Calm	----	SSW	1	Calm	----	Calm	----	.5		10	Ci.-S.	Fr.-N. SE	7	Ci.-S.	Cu. SE
9	Calm	----	Calm	----	S	2	SE	1	Calm	----	Calm	----	.5		10	A.-S.	Cu. SE	8	Ci.-S.	Cu.-N.NNE
10	Calm	----	Calm	----	NNW	1	S	1	Calm	----	Calm	----	.3		5	Ci.-S.	Cu. E	10	A.-S.	Cu. NE
11	Calm	----	Calm	----	N	2	NNW	1	Calm	----	NNE	2	.8		7	Ci.-S.	Cu. NNE	10	A.-S.	Cu. NE
12	Calm	----	SE	1	NNE	4	NE	2	Calm	----	Calm	----	1.2		10	A.-S.	Cu. E	5	Ci.	Cu. E
13	Calm	----	NE	1	NNW	1	NNE	1	Calm	----	Calm	----	.5		5	Ci.	Cu. E	9	Ci.-S.	Cu. E
14	Calm	----	Calm	----	SSE	1	N	1	NNE	2	N	1	.8		5	Ci.	Cu. E	9	Ci.-S.	Fr.-N.ENE
15	Calm	----	Calm	----	SE	1	NW	1	S	2	Calm	----	.7		9	Ci.-S.	Cu. E	5	Ci.	Cu. SSW
16	Calm	----	Calm	----	S	4	S	2	Calm	----	Calm	----	1		10	A.-S.	Cu.	10	Ci.-S.	Cu.
17	Calm	----	Calm	----	S	3	S	2	S	2	Calm	----	1.2		4	Ci.	Fr.-Cu.SSW	5	Ci.-S.	Cu. SW
18	Calm	----	Calm	----	S	2	S	2	S	2	Calm	----	1		2	Ci.	Fr.-Cu. SW	5	Ci.-S.	Cu. SW
19	Calm	----	S	1	S	2	S	3	Calm	----	Calm	----	1		2	Ci. W	Cu.	2	Ci.	Fr.-Cu.SW
20	Calm	----	Calm	----	NNW	1	NE	1	Calm	----	Calm	----	.3		5	Ci.	Cu. ESE	9	A.-S.	Cu.
21	Calm	----	Calm	----	S	3	SSE	1	Calm	----	Calm	----	.7		8	Ci.-S.	Cu. ESE	10	A.-S.	Fr.-N. E
22	Calm	----	Calm	----	Calm	----	S	1	Calm	----	Calm	----	.2		10	A.-S.	Fr.-N. E	10	Ci.-S.	Cu. SE
23	Calm	----	Calm	----	NW	1	N	1	Calm	----	Calm	----	.3		2	Ci.	Cu.	3	Ci.	Fr.-Cu.NE
24	Calm	----	Calm	----	W	2	NNE	1	E	1	Calm	----	.7		2	Ci. NNE	Cu.	10	A.-S.	Fr.-N. E
25	Calm	----	E	1	W	2	S	3	Calm	----	Calm	----	1		3	Ci.	Fr.-Cu. NE	4	Ci.	Cu. ENE
26	Calm	----	Calm	----	NW	1	WNW	1	Calm	----	Calm	----	.3		1	Ci.	Cu.	2	Ci.	Fr.-Cu.SSW
27	Calm	----	Calm	----	W	1	SSW	3	Calm	----	Calm	----	.7		6	Ci.-S.	Cu. SSW	4	Ci.	Cu. SW
28	Calm	----	Calm	----	NW	1	W	1	Calm	----	Calm	----	.3		10	A.-S.	Cu. ENE	10	Ci.-S.	Cu.
29	Calm	----	Calm	----	NNW	1	SSW	1	N	3	Calm	----	.8		10	A.-S.	Fr.-N. NE	10	A.-S.	Cu. E
30	Calm	----	N	1	N	4	N	3	NNW	1	Calm	----	1.5		6	Ci.-S.	Cu. W	4	Ci.	Fr.-Cu.NNW
Mean	------	0	------	0.3	------	1.7	------	1.5	------	0.6	------	0.2	0.7		5.5	------	------	6.8	------	------

TAGBILARAN.

[$\phi = 9°\ 38'$ N; $\lambda = 123°\ 51'$ E; barometer above sea, 26.2 meters; gravity correction not applied, —1.86 mm.]

DECEMBER, 1916.

Day.	Atmospheric pressure, 700 mm. +							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a.m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	55.89	56.70	56.75	54.34	55.28	55.56	55.75	22.7	21.2	28.9	29.9	26	25	25.6	31.1	20.5	93	95	69	62	80	88	81.2	------
2	54.59	55.53	56.21	54.67	56.24	56.73	55.66	24.3	24.8	26.8	28.2	26.1	25.3	25.9	29.8	23.7	92	94	86	79	89	95	89.2	------
3	55.68	56.91	57.73	55.97	57.35	58.25	56.98	24.5	24.7	30.7	30	26.5	24.7	26.8	31.5	23.1	93	94	69	74	86	94	85	------
4	57.28	57.98	57.98	55.85	56.35	57.43	57.14	23.9	23.3	31.7	29.6	26.4	24.3	26.5	32.3	22.4	94	95	65	72	87	91	84	------
5	56.51	56.19	57.27	54.64	55.67	56.16	56.07	23.9	24.2	31	29	25.5	24.1	26.3	32.4	22.5	93	95	65	76	87	91	84.5	2.6
6	55.37	55.95	56.73	54.87	55.56	56.77	55.88	24	23.5	30.3	29.4	25	24.3	26.1	31.4	22.8	93	96	66	71	95	95	86	25.1
7	55.68	56.34	56.73	54.73	55.62	56.78	55.98	23.4	22.9	30.8	29.4	26.9	25.3	26.4	31.3	22.2	96	97	63	71	83	91	83.5	------
8	55.78	56.58	56.90	54.75	55.65	56.71	56.06	23.6	23.1	28.4	27.4	25.6	24.1	25.4	30.7	22.2	95	97	76	84	89	91	88.7	.8
9	55.99	56.98	57.77	55.19	56.35	57.12	56.57	23.2	23.4	30.5	29	24.9	24.2	25.9	31	21.9	94	95	65	76	92	93	85.8	9.2
10	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
11	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
12	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
13	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
14	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
15	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
16	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
17	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
18	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
19	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
20	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
21	57.17	57.56	57.06	55.44	56.46	57.57	56.88	24.2	23.2	27.1	28.6	24.1	24	25.2	29.9	22.6	93	95	78	76	92	94	88	.5
22	56.48	57.69	58.15	54.95	56.52	57.43	56.87	23.8	23.2	23.3	27	24.8	23.1	24.2	28.4	21.4	95	97	94	81	91	95	92.2	2.5
23	56.32	57.38	57.10	55.40	56.19	57.10	56.58	23	22.6	29.9	30	24.6	22.2	25.4	30.6	21.1	96	96	63	62	87	91	82.5	------
24	56.01	57.08	57.22	55.55	57.26	57.32	56.74	20.3	20.1	28.4	28	24.4	23	24	30.5	18.8	94	95	70	72	89	91	85.2	------
25	56.65	57.35	57.60	56.21	57.47	57.35	57.10	22.1	23.1	26	26.3	23.2	22.8	23.9	27.6	21.6	93	94	85	86	94	93	90.8	------
26	56.15	56.35	56.68	55.13	55.99	56.50	56.13	22.8	23.1	27.2	25.1	23.4	22.7	24	27.6	22.2	93	94	82	88	90	94	90.2	3.9
27	55.90	56.70	57.12	54.28	55.72	55.88	55.93	23	21.8	26.9	29.9	25.9	24.7	25.4	30.6	20.9	94	95	83	64	88	91	85.8	------
28	55.61	56.73	56.61	54.80	56.37	57.41	56.26	24.3	24.3	29.8	30.4	26.5	24.2	26.6	21.4	23.2	89	90	67	58	74	91	78.2	------
29	56.53	57.02	57.08	54.80	56.21	57.28	56.49	23.2	23.6	29.5	29.3	26.6	24.2	26.1	30.5	22.4	92	93	72	68	87	90	83.7	------
30	56.05	57.36	56.66	55.16	56.35	57.41	56.50	23.2	23.3	30.2	29.1	26.2	24.6	26.1	30.7	22.4	93	94	64	66	89	92	83	------
31	57.56	58.01	58.21	55.98	57.64	58.67	57.68	23.8	23.4	28.5	28	26.3	24.1	25.7	30.9	22.5	94	97	77	77	89	91	87.5	------
Mean	56.16	56.92	57.18	55.14	56.31	57.07	56.46	23.4	23.1	28.8	28.7	25.4	24	25.6	30.5	22	93.4	94.9	73	73.2	87.9	92.1	85.8	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	[a]44.6

Day.	Wind.														Clouds.						
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		Mean force.	6 a. m.			2 p. m.				
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.		Amount.	Form and direction.		Amount.	Form and direction.	
															Upper.	Lower.		Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–10*			*0–10*		
1	Calm	----	Calm	----	W	2	N	2	Calm	----	Calm	----	0.7	1	Ci.	Cu.	6	Ci.-S.	Cu. NE
2	Calm	----	Calm	----	S	2	S	2	Calm	----	Calm	----	.7	10	Ci.-S.	Cu.	6	Ci.-S.	Cu. SW
3	Calm	----	Calm	----	S	4	NW	2	Calm	----	Calm	----	1	7	Ci.-S.	Cu. E	6	Ci.	Cu. SW
4	Calm	----	Calm	----	W	2	S	3	Calm	----	Calm	----	.8	2	Ci.	Cu.	5	Ci.	Cu. SW
5	Calm	----	Calm	----	W	1	NNW	1	Calm	----	Calm	----	.3	1	Ci.	Cu.	5	Ci.	Cu. E
6	Calm	----	Calm	----	N	2	S	3	Calm	----	Calm	----	.8	1	Ci.	Cu.	5	Ci.	Cu. E
7	Calm	----	Calm	----	N	1	S	2	Calm	----	Calm	----	.5	1	Ci.	Cu.	4	Ci.	Cu. E
8	Calm	----	Calm	----	NW	1	N	1	Calm	----	Calm	----	.3	1	Ci.	Cu.	9	Ci.-S.	Cu. NE
9	Calm	----	E	1	NNE	2	NNW	1	Calm	----	Calm	----	.7	3	Ci.	Cu. NE	9	Ci.-S.	Cu. NE
10	------	----	------	----	------	----	------	----	------	----	------	----	------	------	------	------	------	------	------
11	------	----	------	----	------	----	------	----	------	----	------	----	------	------	------	------	------	------	------
12	------	----	------	----	------	----	------	----	------	----	------	----	------	------	------	------	------	------	------
13	------	----	------	----	------	----	------	----	------	----	------	----	------	------	------	------	------	------	------
14	------	----	------	----	------	----	------	----	------	----	------	----	------	------	------	------	------	------	------
15	------	----	------	----	------	----	------	----	------	----	------	----	------	------	------	------	------	------	------
16	------	----	------	----	------	----	------	----	------	----	------	----	------	------	------	------	------	------	------
17	------	----	------	----	------	----	------	----	------	----	------	----	------	------	------	------	------	------	------
18	------	----	------	----	------	----	------	----	------	----	------	----	------	------	------	------	------	------	------
19	------	----	------	----	------	----	------	----	------	----	------	----	------	------	------	------	------	------	------
20	------	----	------	----	------	----	------	----	------	----	------	----	------	------	------	------	------	------	------
21	Calm	----	Calm	----	S	1	S	1	S	2	Calm	----	.7	10	A.-S.	Cu.	10	Ci.-S.	Cu. E
22	Calm	----	S	1	S	1	SSW	1	Calm	----	Calm	----	.5	10	A.-S.	Cu. ESE	10	Ci.-S.	Cu. E
23	Calm	----	Calm	----	N	2	S	2	Calm	----	Calm	----	.7	1	Ci.	Cu.	2	Ci.	Cu. E
24	Calm	----	Calm	----	S	2	NNW	1	Calm	----	Calm	----	.5	9	Ci.-S.	Cu. E	10	Ci.-S.	Fr.-N. NNE
25	Calm	----	Calm	----	NNW	1	S	1	Calm	----	Calm	----	.3	10	Ci.-S.	Cu. ENE	10	Ci.-S.	Fr.-N. E
26	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	0	10	Ci.-S.	Cu. E	10	Ci.-S.	Cu. NE
27	Calm	----	Calm	----	NNW	2	NE	2	Calm	----	Calm	----	.7	10	A.-S.	Cu. E	9	Ci.-S.	Cu. E
28	Calm	----	Calm	----	NE	3	NE	4	NNE	2	Calm	----	1.5	8	Ci.-S.	Cu. E	7	Ci.-S.	Cu. E
29	Calm	----	Calm	----	S	3	S	4	Calm	----	Calm	----	1.2	8	Ci.-S.	Cu. E	7	Ci.-S.	Cu. E
30	Calm	----	Calm	----	S	3	S	2	Calm	----	Calm	----	.8	4	Ci.	Cu. E	5	Ci.	Cu. E
31	Calm	----	Calm	----	S	3	NNE	2	Calm	----	Calm	----	.8	6	A.-Cu.	Cu. ESE	8	Ci.-S.	Fr.-N. E
Mean	------	0	------	0.1	------	1.9	------	1.8	------	0.2	------	0	0.7	5.6	------	------	7.2	------	------

NOTE.—This station was temporarily closed from December 10 to 20.

[a] 20 days of observation.

SURIGAO.

[$\phi = 9°\ 48'$ N; $\lambda = 125°\ 29'$ E; barometer above sea, 6 meters; gravity correction not applied, —1.86 mm.]

JANUARY, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	55.22	53.46	55	53.16	54.95	55.31	54.52	22.3	23.3	23.5	23.8	22.7	23.4	23.2	25.2	20	96	97	97	88	94	91	93.8	54.8
2	54.31	55.33	56.06	54.46	55.53	56.49	55.36	22.5	22	27.7	30.4	26	24.5	25.5	32.4	21	94	96	77	58	80	92	82.8	------
3	56.33	56.94	58.02	56.44	57.80	59.11	57.44	24	23	30.8	29.7	27	25.5	26.7	32.5	21.9	93	97	74	75	89	92	86.7	------
4	58.21	59.29	60.70	58.36	59.18	59.66	59.23	24	23.1	29.4	30.2	28	26.6	26.9	32.9	22.4	97	99	76	76	88	90	87.7	8.4
5	59.31	59.84	60.94	58.64	59.22	59.60	59.59	25.1	24.2	29.4	27.5	25.2	24.3	26	32.2	23.3	96	98	79	87	97	97	92.3	22.1
6	58.91	59.19	60.61	58.66	59.05	59.67	59.35	24	23.5	27	27.8	26.1	25.3	25.6	30.7	22.7	97	99	88	88	93	95	93.3	8.4
7	58.91	59.40	60.69	58.43	58.90	59.81	59.36	24	24.3	26	27.4	27.2	25.4	25.7	30.4	22.9	98	97	94	89	84	95	92.8	11.9
8	59.22	59.79	60.65	59.19	59.70	60.51	59.84	24.7	24.6	29.3	28.6	27.2	25.2	26.6	31.2	23.6	97	97	81	85	87	93	90	10.9
9	59.69	60.55	60.79	58.91	60.35	61.26	60.26	24.5	24.8	27.4	28.6	25.3	24.5	25.8	30.2	23.3	97	98	87	80	95	96	92.2	14.4
10	60.39	60.96	61.67	59.06	60.06	61.19	60.56	24.2	23.4	28	31	27.1	26.3	26.7	31.9	22.5	97	98	88	72	87	91	88.8	8.6
11	59.91	60.52	61.16	58.76	59.46	59.79	59.93	25.3	24.1	28	26.8	26.7	26.6	26.2	30.1	24	94	96	83	81	91	92	89.5	19.6
12	58.47	59.08	60.21	58.47	58.83	59.20	59.04	25.1	24.9	24.8	23.8	23.6	23.5	24.3	26.7	22.8	96	97	93	93	97	97	95.5	65.1
13	57.98	57.88	58.79	56.60	56.89	57.58	57.62	23.8	25.7	25.6	25.1	24.6	24.4	24.9	26.9	23.5	97	87	93	95	94	97	93.8	102
14	55.33	55.24	55.19	51.66	52.45	53.75	53.94	24.5	24.8	24.2	24.3	24.9	25.3	24.7	26.2	23.4	97	98	97	95	96	90	95.5	84.3
15	52.61	52.95	55.28	53.41	53.63	54.96	53.82	25.7	26	30.8	29.1	27.3	27.2	27.7	33.7	25.2	83	84	70	73	85	84	79.8	.5
16	53.51	53.62	54.58	51.79	53.65	55.56	53.78	26.1	26	27.5	25.4	25.7	25.1	26	30.7	24.7	91	91	83	96	96	97	92.3	65.3
17	54.73	55.60	57.19	55.84	56.79	57.93	56.35	24.9	25	24.2	24.7	24.3	24.5	24.6	25.8	23.7	97	96	98	96	96	97	96.7	67.5
18	57.03	57.59	59.05	57.18	57.89	58.44	57.86	24.2	24.2	25.3	24.5	24.2	24.3	24.4	25.8	23.8	97	97	93	94	98	98	96.2	25
19	56.95	57.72	58.94	57.60	58.60	59.23	58.17	24.4	24.2	24	25	24.7	24.7	24.5	26.4	23.4	97	98	97	90	97	96	95.8	10.9
20	58.14	58.30	59.52	57.37	58.20	58.53	58.34	24.6	24.8	24.4	24	23.7	24.3	24.3	25.8	23.5	97	96	97	98	97	97	97	76.5
21	56.82	56.95	57.89	55.36	55.47	56	56.42	23.9	23.5	23.2	24.2	24.6	25	24.1	26.4	22.9	98	99	98	98	97	98	98	98.9
22	54.83	55.08	55.87	54.28	55.28	55.68	55.18	25.6	24.9	25	26.3	24.5	25	25.2	27.9	23.6	97	99	99	93	98	95	96.8	70.1
23	54.84	55	55.59	54.16	55.13	55.94	55.11	24.8	25.2	26.4	27.4	25.5	25.6	25.8	29	24.3	96	98	91	89	92	95	92.7	4.6
24	54.87	55.35	56.13	55	56.20	57.57	55.85	24.8	24.5	24.6	24.4	24.5	24.6	24.6	26.2	23.4	95	96	98	98	97	97	96.8	62.5
25	56.75	57.40	58.43	56.64	57.15	58.43	57.47	25.3	24.9	26.1	25	24.2	24.8	25	27.3	22.8	94	96	91	98	97	95	95.2	119.1
26	57.29	57.44	58.18	56.11	56.57	58.02	57.27	24.1	24.1	27.8	25.3	26.1	25.8	25.6	29.2	23.3	98	97	82	95	91	92	92.5	22.6
27	57.08	57.17	57.76	55.22	56.45	57.37	56.84	25.7	25.3	27.6	27.5	26.8	25.6	26.4	28.8	24.3	93	95	87	88	87	95	90.8	21.6
28	56.79	57.68	58.03	55.77	57.10	58.07	57.24	25.2	24.6	28	27.4	26	24.6	26	29.7	23.7	97	99	88	78	96	97	92.5	6.6
29	56.42	57.08	57.63	55.26	55.90	56.77	56.51	24	24	27.5	28.7	26.8	25	26	30.8	23.1	97	99	86	84	90	96	92	2
30	56.61	57.49	58.32	55.19	56.43	57.33	56.90	25.1	25.5	29	28.9	26.5	24	26.5	30	23.5	92	88	78	83	89	91	86.8	------
31	56.28	56.85	57.27	55.44	55.85	57.31	56.50	23.2	23	28.5	30.8	27	24.5	26.2	32	22.5	93	95	86	68	84	88	85.7	------
Mean	56.90	57.31	58.26	56.21	57.08	57.94	57.28	24.5	24.4	26.8	26.9	25.6	25	25.5	29.2	23.2	95.4	95.9	88	86.5	92.2	94.1	92	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	1,064.3

Day.	Wind.										Clouds.					
	Direction.						Total movement in 6 hours.				6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.	Total movement in 24 hours.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NW	W	W	WSW	W	SW	124.5	156.7	168.6	75.1	524.9	10	Ci.-S.	Fr.-N.WNW	10	Ci.-S.	Fr.-N. W
2	SW	SW	Calm	SW	W	Calm	28.7	35.6	45.4	28.8	138.5	5	Ci.-S.	S.-Cu.WSW	7	Ci.-S.	Cu.-N. W
3	W	Calm	E	Calm	Calm	Calm	25.4	31.1	24.9	16.4	97.8	2	----------	Cu.	5	Ci.-S.	Cu.-N. W
4	Calm	Calm	Calm	E	ENE	E	24.6	24.1	84.3	43.7	176.7	3	Ci.	Cu.	4	Ci.	Cu.-N. ESE
5	Calm	Calm	ENE	NE	Calm	Calm	24.4	49.1	67.1	25.5	166.1	8	Ci.-S.	Cu.-N. E	7	Ci.-S.	Cu.-N. E
6	Calm	Calm	ENE	ENE	Calm	Calm	21.2	24.4	44.9	24.9	115.4	8	Ci.-S.	Cu.-N. E	10	----------	N.
7	Calm	Calm	E	Calm	E	Calm	19.3	37.3	67.4	73.7	197.7	10	Ci.-S.	Fr.-N. ESE	7	Ci.-S.	Cu.-N. E
8	Calm	Calm	E	E	E	Calm	35.4	46.9	84.2	48.1	214.6	5	A.-Cu. NE	S.-Cu. E	7	Ci.-S.	Cu.-N. ESE
9	Calm	NE	NE	NE	ENE	Calm	25.1	78.6	78.9	52.8	235.4	9	Ci.-S.	Cu.-N. E	9	Ci.-S.	Cu.-N.ENE
10	Calm	Calm	Calm	NE	Calm	Calm	15.5	21.9	56.6	30.6	124.6	7	A.-Cu.	S.-Cu. E	5	Ci.	Cu.-N.ENE
11	Calm	Calm	ENE	E	ENE	ENE	39.2	69.8	[a]75.6	63.4	248	8	Ci.-S.	Fr.-N. NE	9	Ci.-S.	Fr.-N. ENE
12	Calm	Calm	Calm	Calm	Calm	Calm	38?	37.5	12.1	29	116.6	10	Ci.-S.	Cu.-N. NE	10	----------	N.
13	Calm	NE	Calm	N	Calm	NNE	34.9	41.6	67.6	69.4	213.5	10	Ci.-S.	Fr.-N. ENE	10	Ci.-S.	Fr.-N.NE
14	NNE	N	NW	WNW	W	SW	49.9	155.3	138.4	134.4	478	10	----------	N.	10	Ci.-S.	Fr.-N.WNW
15	SW	SW	SSW	SSW	SSW	SW	103	51.3	81.5	50.7	286.5	7	A.-Cu.	Cu.-N.WSW	9	Ci.-S.	Cu.-N.SW
16	SW	SW	WSW	W	NNW	NNW	52.3	97.4	124.7	138.4	412.8	9	Ci.-S.	Cu.-N.WSW	10	----------	N.
17	NNW	NNW	NNW	NNW	NNW	N	133.6	149.7	161.2	185	629.5	10	Ci.-S.	Fr.-N. N	10	Ci.-S.	Fr.-N. N
18	NNW	NNW	N	NNW	NNW	NNW	139.7	167.3	184.2	206	697.2	9	Ci.-S.	Fr.-N. N	10	Ci.-S.	Fr.-N. N
19	NNW	N	NNW	N	N	NNW	200.3	178.6	[b]51.3?	115.9	646.1	10	Ci.-S.	Fr.-N. N	10	Ci.-S.	Fr.-N.NNE
20	NNW	NNE	NbyE	N	Calm	N	115.1	131.2	90.1	135.2	471.6	10	----------	N.	10	Ci.-S.	Cu.-N. N
21	N	NW	nwbyw	NW	NNW	NNW	134.9	91.1	78.3	146.4	450.7	10	----------	N.	10	----------	N.
22	N	NNE	NNE	NW	Calm	NNE	127.7	45.6	86.7	45.7	305.7	10	----------	N.	10	Ci.-S.	Fr.-N.NE
23	N	NE	ENE	ENE	NE	ENE	63.4	118.5	118.1	92.5	392.5	5	Ci.	Cu.-N. E	9	Ci.-S.	Cu.-N. E
24	NE	NE	N	N	N	NE	102	71.9	116.5	[b]91.1	381.5	10	Ci.-S.	Cu.-N. ENE	10	----------	N.
25	NE	NE	ENE	ENE	E	ENE	[c]79.7	121.5	109.7	114.5	425.4	9	Ci.-S.	Cu.-N. E	10	----------	N.
26	ENE	ENE	E	ENE	E	E	137.1	118.3	154.5	93.1	503	10	----------	N.	8	Ci.-S.	Cu.-N. ESE
27	E	E	E	ENE	E	E	100.8	120.2	132.3	86.7	440	7	Ci.-S.	Cu.-N. ESE	9	Ci.-S.	Cu.-N. E
28	E	ESE	EbyN	EbyN	SE	Calm	48.3	61	50.1	20.7	180.1	7	Ci.-S.	Cu.-N. ESE	9	Ci.-S.	S.-Cu. E
29	SbyW	SbyW	E	NNW	Nbyw	SW	15.8	30	41.6	18.5	105.9	9	Ci.-S.	N. E	6	A.-Cu. ENE	Cu.
30	NW	Nbyw	EbyN	Nbyw	Calm	SW	122.9	28.4	42.3	20.9	214.5	10	A.-Cu.	S.-Cu. N	5	Ci.-S. E	Cu.
31	SSW	SW	NNW	WNW	Calm	SW	29.3	34.6	50.9	19	133.8	6	----------	S.-Cu. NNE	2	----------	Cu. SW
Mean	------	------	------	------	------	------	71.4	78.3	90	74.1	313.7	8.2	----------	----------	8.3	----------	----------
Total	------	------	------	------	------	------	-----	-----	-----	-----	9,724.6	----	----------	----------	----	----------	----------

NOTE.—The minimum temperatures for January 1 to 10 seem to be too low by about 0.6° C.

[a] 8 hours missing. [b] 1 hour missing. [c] 2 hours missing.

SURIGAO.

[ϕ=9° 48′ N; λ=125° 29′ E; barometer above sea, 6 meters; gravity correction not applied, —1.86 mm.]

FEBRUARY, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.06	56.68	57.99	55.86	56.19	57.38	56.69	23.4	23.5	30	29	27.5	25.6	26.5	33.1	23.1	93	98	77	86	92	94	90	------
2	56.15	57.17	58.24	55.73	56.57	57.88	56.96	24.5	23.6	30	30.5	27.9	25.6	27	32.2	23.4	97	99	71	77	85	88	86.2	------
3	56.46	57.29	58.66	56.69	56.90	58.04	57.34	25	24.5	29	30	27.5	25.5	26.9	31	24.2	91	95	74	77	88	91	86	------
4	57.39	57.92	59.08	57.08	57.06	58.01	57.76	24.4	23.5	29.8	31.5	27.4	25.2	27	32.8	23.3	94	97	79	78	84	88	86.7	------
5	57.45	57.99	59.34	56.94	57.24	58.31	57.88	23.8	22.6	29	30.5	28.2	24.9	26.5	32.1	22.4	93	98	80	65	78	83	82.8	------
6	57.88	58.58	59.34	56.94	57.19	58.02	57.99	23.9	23.4	29.9	30.5	27.5	25.3	26.8	31.8	23.2	89	97	79	70	87	91	85.5	------
7	56.95	56.96	57.91	56.15	56.75	57.51	57.04	24.5	24	29	29.5	26.4	24.1	26.2	32	23.5	95	98	78	76	80	86	85.5	------
8	56.92	57.02	58.22	56.40	57.11	58.82	57.42	23.3	23.1	28.3	29.5	27	24.2	25.9	31.1	22.6	92	99	79	75	84	88	86.2	------
9	58.56	58.86	59.87	58.36	58.98	60.06	59.12	22.8	21.9	28.1	29.6	26	21.8	25	31.1	20.7	93	97	71	52	72	78	77.2	------
10	59.38	59.67	60.95	58.98	59.21	60.37	59.76	20.1	19.5	28.1	25.5	26.6	23.2	23.8	30.4	19	86	95	68	90	80	84	83.8	8.2
11	59.16	59.24	60.19	58.96	60.05	60.53	59.69	22.8	23	27.9	25.6	23.9	24.1	24.6	29.5	22.5	89	96	78	92	97	97	91.5	21.3
12	59.61	60.07	61.36	58.88	58.96	60.42	59.88	23.9	23.6	24.7	25.8	25.8	26.6	25.1	27.1	23	96	95	91	88	87	85	90.3	2.4
13	59.31	59.49	60.94	58.75	59.42	61.21	59.85	26.5	25.6	28.8	28.5	27.3	26.9	27.3	30.7	24.9	82	81	69	68	75	81	76	------
14	60.53	60.36	61.41	58.82	59.22	60.42	60.13	24.4	23	27.5	28.1	27	25.2	25.9	31.9	22.7	87	96	74	74	80	85	82.7	7.7
15	59.01	59.41	60.69	58.34	58.81	60.50	59.46	23.9	24	29	29.5	27.5	26.7	26.8	31.5	23	91	97	71	69	78	84	81.7	13
16	59.26	59.12	60.60	58.16	58.91	60.16	59.37	23.8	23.4	26.6	24.5	24.9	24.1	24.6	28.8	23.3	90	97	91	92	92	94	92.7	5.1
17	58.50	58.74	60	57.52	57.76	58.88	58.57	23.8	23.3	25.4	26	25.6	24.4	24.8	27.6	23.3	96	97	96	89	91	93	93.7	40.1
18	57.49	57.54	58.54	56.08	56.56	57.33	57.26	24.6	24.2	25.1	27	25.4	24.2	25.1	28.8	23.9	96	97	92	82	93	94	92.3	28.5
19	56.19	56.44	57.48	55.38	56.07	57.27	56.47	23.4	23.7	25	26.3	25	24.2	24.6	27.8	23.3	96	98	96	89	95	97	95.2	43.1
20	56.32	56.73	57.13	55.40	56.06	57.84	56.58	24.2	23.5	25.8	29.5	27	24.9	25.8	31.3	23.5	98	99	94	78	84	88	90.2	14.5
21	56.56	56.44	58.22	56.37	56.66	58.51	57.13	23.7	23.6	27	27	26	24.8	25.4	29.5	23.2	93	99	90	84	90	93	91.5	13.4
22	56.96	57.63	58.88	56.86	57.42	59.05	57.80	23.8	23.5	29	26.8	25.5	23.5	25.4	30.7	22.8	97	99	80	88	91	92	91.2	------
23	57.91	57.68	59.29	57.16	57.78	59.19	58.17	22.3	21.6	28.3	29	27	23.4	25.3	31.3	21.3	95	98	79	75	77	82	84.3	------
24	57.28	57.71	58.79	56.92	57.22	58.39	57.72	22.5	21.5	27.4	28.5	27	23.6	25.1	30.5	21.2	89	96	81	78	80	85	84.8	------
25	57.67	58.14	58.84	56.81	56.98	58.04	57.75	23.2	23	27.5	28.4	27	26.4	25.9	29.2	22.7	90	96	81	81	87	90	87.5	------
26	56.97	57.19	58.18	56.48	56.78	57.72	57.22	23.2	22.5	27.6	28.3	27	26.1	25.8	29.9	22	93	96	77	76	80	82	84	1.5
27	56.23	56.94	58.58	56.27	56.63	57.83	57.08	26.1	25	27	28	27.1	25.1	26.4	29.3	23.2	83	85	77	68	76	83	78.7	9.1
28	56.31	56.84	57.79	55.42	56.08	57.63	56.68	23.5	23.3	26	25	24.8	24.6	24.5	26.9	22.9	90	98	92	96	98	98	95.3	56.1
29	56.28	57.24	58.18	55.85	56.38	57.74	56.94	24.4	24.1	28.2	28.5	26.1	25.5	26.1	30.8	23.8	99	99	84	84	95	95	92.7	6.4
Mean	57.61	57.97	59.13	57.02	57.48	58.73	57.99	23.8	23.3	27.8	28.2	26.5	24.8	25.7	30.4	22.8	92.2	96.3	81	79.2	85.4	88.6	87.1	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	270.4

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	0–10			0–10		
1	Calm	SW	EbyN	N	ENE	SE	23.8	42.4	48.5	28.8	143.5	6	A.-Cu. NE	S.-Cu. N	6	Ci.-S.	Cu. SE
2	SE	Calm	E	E	E	SE	15.8	57.3	105.4	38.3	216.8	3	----------	Cu. ENE	4	Ci.-S. W	Cu.
3	SSW	SSW	ENE	Nbyw	Calm	SSW	20.1	23.9	38.1	17.1	99.2	10	----------	S.-Cu. SW	7	Ci.-S.	Cu. SSW
4	SSW	SSW	ENE	W	W	SSW	21.5	24.1	42.3	21.9	109.8	2	Ci.-S.	Cu. SW	5	A.-Cu.	Cu. SW
5	SSW	SSW	EbyN	WSW	W	SW	21.2	34.6	33.8	17.4	107	1	----------	Cu.	2	----------	Cu.
6	SW	SW	EbyN	Nbyw	Calm	SW	26.6	30.1	31.1	15.1	102.9	4	Ci.-S.	S.-Cu. W	2	----------	Cu. WNW
7	SW	WbyS	ENE	N	E	EbyS	19	23.3	79.4	23.1	144.8	6	Ci.-S.	Cu. NE	6	----------	Cu. NE
8	SSW	SSW	Calm	N	Calm	Calm	22.7	20.9	41.2	18.2	103	6	Ci.-S.	S.-Cu. E	3	Ci.-S.	Cu.
9	SW	SW	NE	N	NNW	SW	21.4	18.5	70.2	29.6	139.7	6	Ci.-S. NE	Cu.	2	Ci.-S. SE	Cu.
10	SW	SW	ENE	N	ENE	S	31.1	23.8	59	31.4	145.3	7	Ci.-S.	S.-Cu.	9	Ci.-S.	S.-Cu. NE
11	SW	Calm	SSW	ENE	S	NE	28.2	36.5	79.5	65.4	209.6	10	A.-Cu.	S.-Cu. NE	10	----------	N. ENE
12	NE	SE	E	E	E	E	115.9	130.4	156.7	82.4	485.4	10	----------	N. E	10	Ci.-S.	Fr.-N. E
13	E	E	EbyN	ENE	EbyN	ENE	93	157.1	193.1	123.6	566.8	10	A.-Cu.	S.-Cu. E	9	Ci.-S.	S.-Cu. EbyN
14	ESE	ESE	EbyN	NW	ENE	NE	26.8	42.4	80.8	88.8	238.8	10	A.-Cu. SE	Cu.-N. E	10	A.-Cu.	S.-Cu. NNE
15	SE	EbyS	ENE	ENE	E	EbyN	25.9	92.8	123.9	92.7	335.3	9	A.-Cu.	S.-Cu. NE	4	Ci.-S.	Cu. ENE
16	ESE	SW	W	E	Calm	SE	25.1	17.4	21.9	15.9	80.3	10	Ci.-S.	S.-Cu. NE	10	Ci.-S.	S.-Cu. E
17	SW	WbyS	Calm	E	EbyN	NNE	21.2	21.4	40.2	55.2	138	10	Ci.-S.	S.-Cu. NE	10	Ci.-S.	S.-Cu. NE
18	ESE	ENE	EbyS	E	NE	EbyS	41.6	21.2	48.3	18.3	129.4	10	Ci.-S.	S.-Cu. SE	10	Ci.-S.	s.-cu. ENE
19	SSW	Calm	Calm	E	SE	ESE	34.8	11.8	58.4	24.1	129.1	10	Ci.-S.	S.-Cu. ESE	10	Ci.-S. SE	S.-Cu. E
20	SSE	S	SE	E	EbyS	SE	30.6	30.6	86.9	65	213.1	10	A.-Cu.	N. SE	9	A.-Cu. SE	Cu. E
21	S	SSW	E	ESE	EbyS	SE	22.5	63.8	81.3	56.3	223.9	9	Ci.-S.	S.-Cu. E	10	Ci.-S.	S.-Cu. E
22	SSW	SSE	E	E	SE	SE	20.9	44.3	90.3	24.1	179.6	10	Ci.-S.	S.-Cu. E	10	Ci.-S.	S.-Cu. E
23	SSW	SSW	E	Nbyw	ENE	SSW	26.8	32.7	66	35.7	161.2	9	Ci.-S. SE	S.-Cu.	10	Ci.-S.	Cu. ENE
24	SSW	SSW	Calm	Nbyw	EbyN	S	26	16.3	88.3	33.2	163.8	10	Ci.-S.	S.-Cu. SSE	9	A.-Cu. NE	Cu.
25	SW	WSW	NNW	NNW	N	Calm	27.4	78.9	90.1	36	232.4	10	Ci.-S.	S.-Cu. NNE	10	Ci.-S.	s.-cu. NNW
26	WSW	WSW	NNW	NNW	N	N	23.3	87.1	137.3	50.4	298.1	8	Ci.-S.	S.-Cu. NW	10	Ci.-S. NE	S.-Cu.
27	N	NNW	Nbyw	Nbyw	NNW	NNW	91.1	88.2	141.6	81.1	402	10	Ci.-S.	s.-cu. NNW	9	Ci.-S. NNE	S.-Cu.
28	NW	WNW	W	W	WbyS	WbyN	40.8	73.5	62.6	25.7	202.6	10	Ci.-S.	N. NW	10	Ci.-S.	Fr.-N. WNW
29	WbyS	WbyS	NW	NW	Calm	Calm	16.7	38.9	42.3	11.9	109.8	10	Ci.-S.	Fr.-S.	9	Ci.-S.	S.-Cu. WSW
Mean	------	------	------	------	------	------	33.2	47.7	77.2	42.3	200.4	8.1	----------	----------	7.8	----------	----------
Total	------	------	------	------	------	------	------	------	------	------	5,811.2	----	----------	----------	----	----------	----------

NOTE.—The minimum temperatures for February 1 to 14 are taken from a self-recording instrument.

SURIGAO.

[$\phi = 9°\ 48'$ N; $\lambda = 125°\ 29'$ E; barometer above sea, 6 meters; gravity correction not applied, —1.86 mm.]

MARCH, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.49	57.51	59.06	56.81	57.67	59.03	57.76	25.5	25.5	26	26.9	24.5	25	25.6	28	23.6	94	94	89	83	99	98	92.8	12.7
2	58.28	58.38	59.51	58.10	58.12	59.60	58.66	24.1	23.9	25	24	24.4	25.2	24.4	26.9	23.3	96	95	88	96	92	91	93	38.9
3	58.34	58.47	60.67	58.77	59.25	60.43	59.32	26	26	24.3	23.6	24	23.3	24.5	27	22.5	89	87	93	97	96	97	93.2	221
4	59.30	59.63	61.22	58.87	59.09	60.32	59.74	23.2	23	25	27.4	26	25	24.9	28.2	22.6	97	98	92	82	88	91	91.3	------
5	58.57	59.32	60.36	58.22	58.08	59.31	58.98	24.2	23.5	27.4	28	27	25.2	25.9	29.1	23	94	97	84	82	83	95	89.2	------
6	57.48	57.93	59.20	56.83	57.30	58.52	57.88	24.1	23.9	28	26.5	26	23.8	25.4	30.1	23.1	91	97	77	90	90	92	89.5	4.6
7	57.37	57.94	58.91	56.67	57.34	58.52	57.79	23.5	23.7	28.7	29.9	27.4	25.1	26.4	31.6	22.9	95	98	75	69	77	83	82.8	------
8	57.89	58.54	59.61	57.42	58.41	59.66	58.59	23.2	22.4	29.9	29.9	27.6	25.7	26.4	31.5	21.9	90	96	72	68	79	84	81.5	------
9	58.69	59.50	60.64	57.77	58.61	59.42	59.10	24.3	23.8	26.5	28.5	27.3	25.4	26	30.6	23.1	90	96	88	81	85	88	88	24.1
10	58.24	58.65	60.11	57.13	57.88	59.13	58.52	24.8	24	24.1	26.1	26.5	23.9	24.9	28.2	22.8	91	94	93	85	88	91	90.3	4
11	57.93	58.30	59.22	56.80	57.64	59.15	58.17	22.7	22.1	28.1	29.5	27.5	26.4	26	30.9	21.8	94	98	77	74	81	83	84.5	------
12	57.92	58	84	59.30	57.75	58.01	59.84	58.61	25.5	25.9	28	28.7	27.5	26.2	27	31	24.4	86	89	80	75	81	85	82.7	.5
13	58.48	59.41	60.13	58.46	58.84	60.31	59.27	24.7	23.5	30.3	30.9	27.7	24.7	27	32.1	23	91	96	66	62	79	80	79	2.3
14	58.51	58.49	59.14	57.27	57.71	58.88	58.33	25	26	29	26.9	25.5	24.2	26.1	30.5	23.6	83	88	78	85	88	90	85.3	27.8
15	57.31	57.95	58.90	56.69	57.23	58.98	57.84	25.3	23.8	25	24.5	25.5	24.4	24.8	26.4	23.3	93	94	92	94	84	85	90.3	19.5
16	57.34	58.53	59.56	56.97	58.14	59.73	58.38	24.7	24.9	25.5	26.2	24	23.8	24.8	27	23	86	87	86	85	96	96	89.3	46.2
17	58.43	58.94	60.06	58.01	58.53	60.21	59.03	23.9	23.4	28.2	27.5	25.4	24	25.4	30.9	22.8	97	97	77	84	85	82	87	13.2
18	58.98	59.44	60.02	57.92	58.66	59.95	59.16	24.6	26.3	29	28.5	24.2	24.8	26.2	30.4	23.8	80	78	68	75	95	95	81.8	16.4
19	58.46	59.01	59.99	57.82	58.11	59.02	58.74	24.7	24.5	25.4	27.5	25.2	24.3	25.3	28.9	23.5	96	96	93	84	93	95	92.8	9.2
20	58.04	58.92	60.08	57.69	58.32	59.85	58.82	24	23.2	28.5	30	25	24.5	25.9	31.3	22.8	97	98	80	71	92	92	88.3	5.1
21	58.43	58.71	59.89	58.03	58.93	60.29	59.05	24.3	24.6	26.6	27	26.1	25.1	25.6	29.8	23.3	93	95	83	86	86	89	88.7	2.3
22	59.06	59.76	60.74	59.01	59.29	60.66	59.75	24	24	29.2	29.2	26.7	25.3	26.4	31.4	23.6	92	97	80	73	87	90	86.5	35.6
23	59.64	60.28	61.10	59.46	59.86	61.42	60.29	24.5	24.5	28.2	29.5	27	26.3	26.7	30.7	23.6	93	96	77	78	88	90	87	7.9
24	60.36	61.35	61.86	59.89	60.60	61.96	61	25.7	24.4	27.5	28.4	27	25.4	26.4	29.7	23.8	93	95	84	80	86	87	87.5	10.2
25	60.64	60.72	61.14	58.92	59.70	61.52	60.44	24.8	25.9	28.1	27.9	27	25.8	26.6	30.1	23.8	87	88	78	81	80	85	83.2	30.2
26	59.77	60.61	61.30	59.52	60.05	61.42	60.44	25.2	24	25.5	25.5	24.9	25.2	25	29.9	23.5	91	96	92	92	92	90	92.2	28.8
27	60.21	59.99	61.13	58.93	59.64	61.45	60.22	24.4	26.3	28.7	29.5	27.5	26.8	27.2	30.5	23.8	88	86	80	81	84	86	84.2	------
28	59.92	60.11	60.69	58.26	58.86	60.35	59.70	26.6	26.3	28.5	29.5	27.4	26.5	27.5	31.5	24	87	90	81	81	88	91	86.3	5.1
29	58.90	59.05	59.70	57.31	57.67	59.07	58.62	23.2	23.5	26.8	29.3	26.5	26.1	25.9	32	22.9	94	98	90	86	80	85	88.8	18.8
30	58.11	58.66	59.05	56.94	57.51	58.43	58.12	25.5	24.5	28.8	29.9	27.4	25.6	27	31.3	24.2	91	96	73	70	78	84	82	4.1
31	57.20	57.87	58.47	56.55	57.10	58.41	57.60	24.3	23.7	28	29.3	27.5	24.6	26.2	30.9	23.5	91	97	84	86	89	91	89.7	------
Mean	58.53	59.06	60.02	57.90	58.46	59.83	58.97	24.5	24.4	27.3	27.9	26.2	25.1	25.9	29.9	23.3	91.3	93.8	82.3	81.2	86.7	89.1	87.4	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	588.5

Day.	Wind. Direction.						Total movement in 6 hours.				Total movement in 24 hours.	Clouds. 6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Lower.	Amount.	Form and direction. Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NNW	NNW	NNW	NW	NNW	NNW	24.6	160.9	83.4	162	430.9	10	Ci.-S.	N. NNW	10	Ci.-S.	S.-Cu. WNW
2	NNW	wbys	N	NE	NE	NE	31.7	45.6	45.9	83.7	206.9	10	Ci.-S.	S.-Cu. NNE	10	----------	N. NE
3	EbyN	EbyN	EbyN	SSW	NW	NW	159.3	122.3	51.2	41.8	374.6	10	Ci.-S.	N. NE	10	----------	N. NE
4	Calm	Calm	E	NNW	ENE	NE	18.5	28.4	73.8	46.1	166.8	9	A.-Cu.	N. NNE	9	A.-Cu.	Cu. E
5	SSE	SSE	Nbyw	NNW	E	ENE	14.3	51.8	97.4	39.7	203.2	8	----------	S.-Cu. ENE	6	----------	Cu. NE
6	SSW	WSW	Nbyw	E	EbyS	E	24.3	42.1	38.6	17.1	122.1	9	A.-Cu.	S.-Cu. N	10	----------	S.-Cu. N
7	SE	S	E	E	ENE	SE	23	58.9	84.2	60.2	226.3	3	Ci.-S.	Cu. ESE	3	Ci.-S.	Cu. SE
8	SE	S	E	E	EbyN	ESE	22.3	31.4	56.6	25.4	135.7	8	Ci.-S. SE	S.-Cu.	2	Ci.-S. SE	Cu.
9	Calm	WSW	E	Nbyw	EbyN	NE	19.1	39.4	56.9	42.3	157.7	9	A.-Cu.	S.-Cu. NE	8	A.-Cu. E	Cu. ENE
10	NE	Calm	Calm	Nbyw	Nbyw	SSW	22.3	15.1	25.4	19.6	82.4	10	A.-Cu. E	S.-Cu. NNE	9	Ci.-S.	S.-Cu. ENE
11	SSW	SW	EbyN	Nbyw	E	ENE	26.6	21.7	83.7	47.3	179.3	4	A.-Cu. ENE	S.-Cu.	6	Ci.-S. E	Cu.
12	ENE	SE	EbyN	ENE	EbyN	E	55.3	42.9	84.5	62.2	244.9	7	A.-Cu.	Cu. ENE	9	A.-Cu. E	S.-Cu. ENE
13	SE	SE	ESE	E	ENE	E	17.9	87.4	104.6	72.4	282.3	6	Ci.-S.	S.-Cu. E	4	A.-Cu.	Cu. E
14	Calm	NE	ENE	ENE	EbyN	SSW	49.1	86.9	121.7	34.4	292.1	7	A.-Cu. NE	S.-Cu. NE	10	Ci.-S.	N. NE
15	SSW	ESE	EbyN	ENE	ENE	N	37.3	61.7	80.5	38.1	217.6	10	----------	N. ENE	10	Ci.-S.	S.-Cu. NE
16	NE	E	E	ENE	SE	Calm	44	133.6	74.8	28	280.4	10	Ci.-S.	Fr.-N. NE	10	Ci.-S.	S.-Cu. ENE
17	SE	Calm	E	SE	SE	SSW	13.1	67.6	127.4	32.5	240.6	9	A.-Cu.	S.-Cu. ENE	9	A.-Cu.	S.-Cu. ENE
18	E	E	ENE	ENE	ESE	ENE	67	115.9	111.6	107.8	402.3	8	A.-Cu.	S.-Cu.	10	Ci.-S.	S.-Cu. ENE
19	EbyN	EbyN	E	E	ENE	ESE	33.3	46.5	114.3	43.7	237.8	10	Ci.-S.	S.-Cu. E	9	A.-Cu.	S.-Cu. E
20	ESE	Calm	E	EbyN	E	NE	19.3	62.6	120.7	52.5	255.1	4	Ci.-S.	S.-Cu. E	5	A.-Cu.	Cu. E
21	NE	NE	ENE	NNE	E	Calm	17.2	50.5	77.7	33.3	178.7	10	Ci.-S.	S.-Cu. NE	10	Ci.-S. E	S.-Cu. NE
22	Calm	Calm	ENE	E	ENE	ENE	9.7	34.3	80	77.5	201.5	6	Ci.-S.	S.-Cu. ENE	8	Ci.-S.	Cu. ENE
23	SbyE	S	ENE	ENE	ENE	ENE	18.3	84.3	126.8	90.9	320.3	9	----------	S.-Cu. ENE	4	Ci.-S.	Cu. ENE
24	ENE	ENE	ENE	ENE	ENE	NE	81.1	79.1	115.1	86.9	362.2	10	Ci.-S.	S.-Cu. ENE	9	Ci.-S.	S.-Cu. ENE
25	ENE	ENE	ENE	ENE	EbyN	ENE	60.4	140.8	172.2	117.5	490.9	10	Ci.-S.	S.-Cu. ENE	9	A.-Cu.	S.-Cu. ENE
26	ENE	ENE	NNE	NE	ENE	NE	72.4	30	134.2	95.6	332.2	10	A.-Cu.	S.-Cu. ENE	10	Ci.-S.	Fr.-N. ENE
27	E	E	EbyN	E	E	ENE	38	154.5	156.1	100.1	448.7	5	A.-Cu.	Cu.-N. ENE	5	Ci.-S.	Cu. ENE
28	ENE	EbyN	ENE	ENE	ENE	ENE	85.9	116.5	96.6	68.7	367.7	6	Ci.-S.	Cu. ENE	6	----------	Cu. ENE
29	ENE	EbyN	Calm	Nbyw	NE	ENE	16.9	11.9	71.4	50.4	150.6	10	Ci.-S.	S.-Cu. ENE	6	----------	Cu. NEbyE
30	SE	Calm	E	ENE	ENE	ENE	46.1	51.7	66.6	27.6	192	8	Ci.-S.	S.-Cu. NE	9	Ci.-S.	Cu. ENE
31	SE	S	S	NNW	N	ENE	22	15.8	74	29.2	141	9	Ci.-S. E	S.-Cu.	9	Ci.-S.	Cu. NbyE
Mean	-----	-----	-----	-----	-----	-----	38.4	67.5	90.6	59.2	255.6	8.2	----------	----------	7.9	----------	----------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	7,924.8	----	----------	----------	----	----------	----------

SURIGAO.

[ϕ=9° 48′ N; λ=125° 29′ E; barometer above sea, 6 meters; gravity correction not applied, —1.86 mm.]

APRIL, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P. ct.*	*mm.*
1	57.19	57.17	58.28	56.10	57.01	58.09	57.31	23.6	23.5	28.5	29.1	26.8	22.8	25.7	30.4	21.7	93	97	85	84	86	89	89	------
2	57.03	57.65	59.09	57.21	57.90	59.46	58.06	21.7	21.5	29	30.5	26.9	24.4	25.7	31.3	21	92	95	81	63	80	85	82.7	------
3	59.02	59.58	60.24	58.54	58.79	60.27	59.41	23.9	24	30	30.5	27	24.4	26.6	31.6	23.3	91	96	71	75	88	91	85.3	------
4	59.60	60.03	61.14	59.06	59.03	61.01	59.98	23.5	23.4	29.3	30.1	27	24.3	26.3	31.3	22.8	94	97	76	68	87	90	85.3	------
5	60.30	60.50	61.54	59.45	59.90	61.95	60.61	23.6	23.5	29.2	29.9	27.7	25.1	26.5	31.1	22.7	93	97	72	75	79	84	83.3	------
6	60.61	60.87	61.95	59.78	60.69	61.82	60.95	24	23.8	30.6	30	27.9	27	27.2	31.9	22.9	91	97	74	71	82	86	83.5	18.8
7	61.16	61.20	62.29	60.23	61.25	62.44	61.43	25.1	24.7	24.8	25.5	25.8	25.1	25.2	26.9	23.9	90	96	96	92	92	93	93.2	71.1
8	61.35	61.62	61.46	59	59.70	60.81	60.66	23.9	23.3	29.6	29.1	27.5	26.6	26.7	31.7	22.8	95	97	79	80	87	91	88.2	2
9	59.92	60.42	60.92	58.86	59.22	60.77	60.02	25.2	23.6	27	29.5	26.3	25.2	26.1	31.5	23.2	95	98	90	81	90	92	91	9.9
10	59.83	59.90	60.69	58.74	59.49	60.47	59.85	23.5	23.5	29.5	29.5	27.5	27	26.8	31.3	22.8	96	98	81	79	84	88	87.7	2.8
11	59.30	59.32	60.22	58.07	58.87	60.19	59.33	25.7	23.9	26.8	28.5	24.9	25.7	25.9	31.6	23.2	92	97	85	84	95	93	91	13.7
12	59.01	59.21	60.19	58.14	59.19	60.41	59.36	26.2	26.8	28.4	30	27.5	26.8	27.6	31.9	25.7	92	90	84	75	88	88	86.2	3.3
13	59.70	59.71	60.15	58.28	59.14	60.69	59.61	26.7	26.9	29.5	30	27.9	26.8	28	31.6	24.3	89	89	83	82	87	90	86.7	5.6
14	59.54	59.58	60.35	58.15	58.59	59.85	59.34	24.6	23.6	30.1	30.5	27.5	26	27	32.5	23.3	92	97	79	76	86	89	86.5	28
15	58.62	58.19	58.87	56.70	57.62	58.81	58.14	24.8	24.6	27.9	28	26.1	25.9	26.2	30.3	24.1	93	98	88	88	95	95	92.8	5.1
16	57.44	57.16	57.83	55.23	55.48	56.63	56.63	26.2	26.5	27	26.6	25	26.7	26.3	28.5	24.6	94	94	92	94	96	93	93.8	24.5
17	53.86	54.11	55.52	54.07	55.61	56.82	55	27.1	27.4	28.1	28.5	28	27.4	27.8	29.6	25.8	90	86	83	82	83	86	85	------
18	55.63	56.03	56.63	54.85	55.27	57.03	55.91	27.3	26	29.9	31.5	28	25.4	28	33	25.1	89	92	79	75	85	88	84.7	5.6
19	56.16	56.37	57.12	55.19	55.99	57.32	56.36	25.1	25	29.4	30.9	27.8	24.9	27.2	32.5	24.4	92	96	83	77	85	87	86.7	.8
20	56.44	56.67	57.39	55.03	55.49	57.21	56.37	24.9	24.5	29.2	31.4	27.3	25.3	27.1	32.4	24	89	92	83	77	88	90	86.5	9.1
21	56.02	56.83	57.30	55.44	55.71	57.39	56.45	24.2	23.5	29.5	31.9	27.1	24.5	26.8	32.7	23	92	96	71	74	91	92	86	------
22	56.55	56.90	57.76	55.81	56.21	57.53	56.79	23.7	23.6	29.6	30	27	25.2	26.5	31.9	22.8	94	95	74	82	92	93	88.3	------
23	56.38	56.63	57.50	55.43	55.63	57.31	56.48	24.4	23.9	29.5	30.4	28	25.8	27	31.9	23.3	97	96	85	82	89	91	90	------
24	56.52	57.02	57.44	55.48	56.14	57.56	56.69	25.3	24.9	29.4	30.5	28	25.7	27.3	32.8	23.8	93	97	74	73	88	91	86	------
25	56.79	57.23	57.99	56.18	56.88	58.21	57.21	24.3	23.6	31.7	30	28	25.4	27.2	34	23.1	94	97	67	85	88	91	87	------
26	57.16	57.71	59.02	57.49	58.13	59.23	58.12	24.6	24.8	28	30.4	25.2	23.7	26.1	32	23.6	94	97	85	82	93	94	90.8	1.3
27	57.70	57.69	59.22	58.02	58.29	59.95	58.48	23.6	24	25.9	26	25.5	25.1	25	27.1	23.3	95	96	93	92	84	86	91	5.9
28	57.76	57.97	59.04	56.80	57.44	58.85	57.98	25.5	26	29.4	30	27.6	25.6	27.4	31	23.5	88	92	83	85	90	92	88.3	29.7
29	58.07	58.38	59.07	56.96	57.31	58.61	58.07	24.3	23.9	26.7	28.2	26	24.3	25.6	29.5	23.3	94	97	86	87	94	97	92.5	.5
30	57.28	58.19	59.17	57.71	58.11	59.01	58.24	23.7	24	27.9	28.8	27.2	25.1	26.1	29.5	23.4	96	97	90	86	89	91	91.5	9.6
Mean	58.06	58.33	59.18	57.20	57.80	59.19	58.29	24.7	24.4	28.7	29.5	27	25.4	26.6	31.2	23.5	92.6	95.3	81.7	80.2	88	90.2	88	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	247.3

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Mid-night.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	SSW	NNE	NNW	NW	Calm	SW	20.9	77	29.8	22.7	150.4	10	A.-Cu. ENE	S.-Cu. NNW	9	Ci.-S. E	S.-Cu.
2	SW	Calm	NNW	NW	W	SW	25.9	27.9	23.8	21.4	99	9	Ci.-S. E	S.-Cu.	7	Ci.-S. E	Cu.
3	SW	Calm	N	NW	Calm	Calm	23.5	27.4	27.67	12.9?	91.4	7	Ci.-S.	S.-Cu. NW	6	Ci. ENE	Cu.
4	S	S	Calm	NbyW	Calm	Calm	20.7	18.2	53.1	21.1	113.1	6	Ci.-S.	Cu. NNE	5	Ci.-S.	Cu. NNE
5	SE	SSE	NE	ENE	E	Calm	20.4	25.4	92.3	37.3	175.4	4	Ci.-S.	Cu. NNE	8	----------	Cu.-N. NE
6	WSW	WSW	N	NE	ENE	ENE	21.1	47.8	132.6	79.1	280.6	5	Ci.	Cu. NE	5	Ci.-S.	Cu. NE
7	WNW	NNW	NE	ENE	ENE	NE	37.8	44.5	49.7	100.3	232.3	10	----------	Fr.-N. NNE	10	Ci.-S.	S.-Cu. NE
8	SW	SW	ESE	ENE	ENE	ENE	29	55	117.5	107	308.5	6	A.-Cu. E	S.-Cu. ENE	5	----------	Cu. ENE
9	SE	SSE	Calm	ENE	ENE	Calm	38.3	18.8	51.7	37.3	146.1	6	Ci.-S.	Cu. ENE	7	Ci.-S.	Cu. E
10	SE	S	NbyE	NE	ENE	ENE	20.1	42.1	131	103.5	296.7	6	Ci.-S.	Cu. ENE	4	Ci.-S.	Cu. EbyN
11	SE	Calm	E	E	SSE	NE	41.5	57.1	62.3	69.4	230.3	4	----------	Cu.	8	A.-Cu.	S.-Cu. EbyN
12	E	E	E	EpyN	EbyN	ENE	106.2	140.3	144.5	85.9	476.9	7	Ci.-S.	Cu. E	5	Ci.-S.	Cu. E
13	ENE	ENE	ENE	NE	EbyN	SE	71	100.9	124.2	62	358.1	7	Ci.-S.	S.-Cu. ENE	8	Ci.-S.	Cu. ENE
14	SE	S	ESE	ENE	NE	NE	22.8	43.7	89.9	52.1	208.5	8	Ci.-S. E	Cu. NE	8	Ci.-S.	Cu. E
15	NE	ENE	Calm	N	ESE	NW	28.2	35.7	60.7	31.1	155.7	10	Ci.-S.	S.-Cu. NNE	10	Ci.-S.	S.-Cu. NE
16	NW	NbyW	NbyW	W	WbyS	W	52.6	49.4	64.6	111.8	278.4	10	Ci.-S.	S.-Cu. NNW	10	Ci.-S.	S.-Cu. NNW
17	WSW	WSW	WSW	WSW	WbyS	WSW	162.5	148.1	99.2	66.6	476.4	10	Ci.-S.	S.-Cu. WSW	10	Ci.-S.	S.-Cu. WSW
18	SW	SSW	WNW	WSW	SW	SW	45.1	61.2	72.1	22.7	201.1	9	A.-Cu.	Cu. WSW	5	Ci.-S.	Cu. SW
19	SW	Calm	WNW	WNW	W	S	23.6	48.9	52.8	16.1	141.4	10	Ci.-S.	S.-Cu. WNW	7	A.-Cu. W	Cu.
20	SW	WSW	W	WbyN	WbyS	S	27.6	38.8	70	21.7	158.1	10	A.-Cu.	S.-Cu. W	5	A.-Cu.	Cu. W
21	Calm	SbyW	W	WbyN	Calm	Calm	33.8	29.8	35.4	19.3	118.3	10	Ci.-S.	S.-Cu. W	8	Ci.-S. SW	Cu.
22	SW	SW	Calm	NW	WbyN	WSW	23.9	21.9	34.1	16.1	96	2	Ci.-S.	Cu.	3	Ci.-S.	Cu.
23	WSW	WSW	NW	NNW	ENE	ESE	16.7	25.4	39.6	34.3	116	6	Ci.-S.	Cu.	4	Ci.-S.	Cu. SW
24	SE	SbyW	E	EbyN	E	S	16.4	29.8	71	32.2	149.4	9	A.-Cu.	S.-Cu. SE	5	A.-Cu. S	Cu.
25	SSW	SSW	E	NbyW	ENE	ENE	15.5	40.7	78.3	51.7	186.2	3	Ci.-S.	Cu. ENE	5	Ci.-S.	Cu. ENE
26	SE	S	W	NW	SE	SW	21.1	8.7	50.2	20.6	100.6	8	A.-Cu. E	Cu. ENE	8	A.-Cu.	Cu. NEbyE
27	SW	SW	SSE	Calm	EbyN	Calm	23.8	40.8	48.3	33.6	146.5	10	Ci.-S.	N. NE	10	Ci.-S.	Fr.-N. ENE
28	Calm	NbyW	EbyN	NbyW	EbyN	Calm	21.1	29	33.2	16.3	99.6	10	A.-Cu.	S.-Cu. ENE	7	A.-Cu. EbyN	Cu.
29	S	S	EbyS	Calm	Calm	SE	29.6	27.9	14.2	16.4	88.1	10	Ci.-S.	Fr.-N. ENE	10	Ci.-S.	S. E
30	SSW	WSW	NNW	EbyN	ESE	SW	19.9	39.9?	84.2	21.7	165.7	10	A.-Cu.	S.-Cu. NE	10	Ci.-S.	S.-Cu. NE
Mean	------	------	------	------	------	------	35.4	46.7	67.9	44.8	194.8	7.7	----------	----------	7.1	----------	----------
Total	------	------	------	------	------	------	------	------	------	------	5,844.8	----	----------	----------	----	----------	----------

SURIGAO.

[ϕ=9° 48′ N; λ=125° 29′ E; barometer above sea, 6 meters; gravity correction not applied, —1.86 mm.]

MAY, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.57	58.44	58.73	56.88	57.22	57.34	57.70	23.9	23.5	25.2	26.8	24.9	24.5	24.8	28.3	23.2	93	96	89	86	92	94	91.7	119.4
2	56.55	56.43	57.49	55.14	54.93	56.65	56.20	23.7	23.5	23	22.4	22.8	23	23.1	24.8	21.5	95	96	91	98	92	91	93	76.1
3	54.65	55.10	56.29	54.70	55.55	56.89	55.53	24	24.4	27.5	28.2	26.8	25.4	26	29.6	23.5	94	92	81	86	91	92	89.3	
4	56.54	56.88	57.46	55.60	56.41	58.34	56.87	24.6	25.3	31.5	30.2	27.5	25.3	27.4	32.8	24.2	92	93	78	81	84	88	86	4.8
5	56.91	56.98	57.47	56.68	56.56	57.77	57.06	24.9	24.7	28.5	27	25.4	24.9	25.9	31.3	23.9	93	98	81	88	92	92	90.7	1.5
6	57.09	57.25	57.88	55.49	56.35	57.98	57.01	23.6	24.5	27.9	29.2	27.5	25.2	26.3	31	23.1	91	92	81	86	90	92	88.7	
7	56.75	57.33	57.66	56	57.15	59.11	57.33	24.4	24.5	29.6	30	27.7	23.2	26.6	31.3	22.9	94	96	81	85	91	91	89.7	29
8	57.65	58.68	59.34	57.74	58.55	59.80	58.63	23.7	23.7	28.8	28.5	26	24.6	25.9	31.5	23.1	93	96	76	85	89	90	88.2	
9	59.09	59.28	59.95	58.44	58.96	60.07	59.30	24.7	24.5	28.5	29.5	27.3	25.5	26.7	30.8	23.8	91	92	78	85	86	89	86.8	
10	58.89	59.21	59.86	57.64	57.96	59.30	58.81	24.6	24	28.1	29.9	27.3	24.6	26.4	31.5	23.8	93	98	78	80	86	89	87.3	
11	58.42	58.93	59.36	56.84	57.15	58.82	58.25	23.5	23.5	30	30	27.5	25.3	26.6	31.6	23.2	93	97	76	82	86	88	87	
12	58.09	58.47	59.34	57.10	57.99	59.14	58.36	24.2	24.3	30	31	28	25.3	27.1	33	23.8	91	95	75	83	88	91	87.2	
13	58.09	58.54	58.51	56.10	57.27	58.42	57.82	24	24	29.9	30.9	27.5	23.9	26.7	32.7	23.3	94	96	81	83	86	88	88	17.5
14	57.76	58.05	58.27	55.66	56.57	57.86	57.36	23.4	23.5	27.8	28.8	26.5	25.3	25.9	31.1	23	91	96	79	83	88	90	87.8	.3
15	56.53	57.39	57.96	56.08	56.54	57.81	57.05	24.2	24.5	30.5	30	27.5	26.3	27.2	32.4	23.4	92	96	75	87	88	90	88	4.6
16	57.57	58.73	59.78	57.61	58.49	60	58.70	26.4	24.1	26	30.5	27.8	25.7	26.8	32.3	23.4	93	96	92	82	86	88	89.5	3.6
17	59.08	59.37	60.01	58.43	58.91	60.42	59.37	24.8	24.8	27.5	26	24.5	23.7	25.2	30.2	23.1	92	96	91	92	96	97	94	24.4
18	58.93	59.23	58.51	57.10	57.46	58.94	58.36	23.4	23.5	26.4	31	27	25.1	26.1	32.4	22.9	97	97	88	82?	88	90	90.3?	
19	57.83	58.02	58.64	56.80	57.59	58.82	57.96	24.2	24.2	30.5	31.2	27.6	25.6	27.2	33.6	23	92	96	82?	82?	90	92	89?	
20	57.93	58.43	59.08	56.79	57.39	58.92	58.09	24.3	23.8	30.4	31.2	28	25.4	27.2	33.1	23.2	94	97	80	79	88	90	88	5.1
21	58.09	58.18	58.47	56.91	56.80	57.64	57.68	24.5	24	31.1	30	27.5	25.2	27	33.4	23.7	93	96	76	85	88	90	88	
22	57.48	57.61	57.89	56.16	57.98	58.24	57.56	24.6	24.5	30.2	29.9	25	24.4	26.4	32.1	23.7	92	96	71	85	92	93	88.2	12.7
23	57.29	57.13	57.67	56.53	56.89	57.53	57.17	24.4	24	29.6	26	25	24.4	25.6	31.4	23.5	95	97	84	92	96	97	93.5	35.6
24	56.88	57.12	57.77	56.26	56.58	57.67	57.05	24.4	24.2	26	28.5	25.1	25.3	25.8	30.2	23.5	97	98	92	83	95	96	93.5	16.1
25	56.84	56.91	57.21	55.96	56.20	57.13	56.71	24.8	24.9	29	27.9	26	25.3	26.3	31.4	24.3	96	97	81	89	94	95	92	14
26	55.94	56.16	57.26	55.81	56.70	58.21	56.68	25	24.5	26.5	29.1	25.9	24.6	25.9	30.4	24.1	96	97	91	77	93	94	91.3	10
27	57.07	57.22	57.72	55.21	55.75	57.66	56.77	24.1	24.2	27.9	29.3	27.8	26	26.6	32.5	23.7	96	97	86	79	86	88	88.7	
28	56.14	56.71	57.36	55.19	56.05	57.63	56.51	25.2	25	29.8	30	27.5	25.3	27.1	31.7	24.7	90	92	76	82	89	91	86.7	
29	56.84	57.04	57.44	55.55	56.36	57.75	56.83	24.5	24.5	32.4	31.9	28.4	25.8	27.9	34.1	23.8	93	96	68	79?	82	86	84?	
30	56.96	57.87	58.34	56.60	56.90	58.76	57.57	25.1	24.8	31.8	30.6	28	25.5	27.6	33.4	24.1	92	97	67	84	85	87	85.3	
31	57.70	57.84	58.49	56.98	57.53	58.54	57.85	24.3	24.3	30.5	31	28	24.1	27	32.9	23.2	90	94	68	79	75	79	80.8	
Mean	57.39	57.76	58.30	56.45	57.06	58.36	57.55	24.4	24.2	28.8	29.2	26.8	25	26.4	31.6	23.5	93.2	95.7	80.4	84	88.8	90.6	88.8	
Total																								374.7

Day.	Wind.										Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Lower.	Amount.	Form and direction. Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	SW	ESE	WSW	WNW	Calm	W	34.3	30	31.6	26.2	122.1	10	Ci.-S.	Fr.-N. NNE	10	Ci.-S.	S.-Cu. NNE
2	W	WbyN	WNW	WNW	WSW	SSW	61.8	104.6	136.8	80.5	383.7	10	Ci.-S.	Fr.-N. WNW	10	Ci.-S.	Fr.-N. W
3	WSW	SSW	SW	SbyW	Calm	SW	59.8	26	26.4	14	126.2	10	Ci.-S.	S.-Cu. WSW	10	Ci.-S.	S.-Cu. SWbyW
4	SW	SSE	ENE	NW	WbyN	NW	16.3	29.2	38.9	23.9	108.3	10	A.-Cu.	S.-Cu. ESE	6	Ci.-S.	Cu. SWbyS
5	Calm	WSW	WbyN	WbyN	WSW	SW	15.3	43.3	36.7	20.4	115.7	10	A.-Cu.	S.-Cu. NE	10	Ci.-S.	S.-Cu. WSW
6	SW	W	NbyW	NNW	Calm	S	27.6	29.3	35.9	11.5	104.3	8	A.-Cu.	S.-Cu. WSW	7	A.-Cu.	S.-Cu. SE
7	S	SW	N	NbyW	NbyW	N	16.1	24.4	48.9	31.4	120.8	9	A.-Cu.	S.-Cu. E	5	Ci.-S. SE	Cu. E
8	Calm	SW	ENE	sbyW	Calm	S	19.8	30.3	26.2	23.9	100.2	7	A.-Cu. NE	S.-Cu.	8	A.-Cu. SE	S.-Cu.
9	S	Calm	NbyW	NbyW	Calm	Calm	24.6	33.6	37.6	10.2	106	10	A.-Cu.	s.-Cu. Ebys	4	Ci.-S.	Cu. SW
10	Calm	Calm	SbyE	NbyW	Calm	SSW	11.5	20.3	33.6	13.2	78.6	4	A.-Cu.	Cu. ENE	7	A.-Cu.	Cu. E
11	Calm	Calm	EbyN	NbyW	ENE	ENE	19.1	29.2	34.3	20.4	103	7	Ci.-S. ENE	Cu.	7	Ci.-S. ENE	Cu.
12	Calm	SSW	NW	WNW	wbyN	SW	9.7	26.6	41.2	14.8	92.3	4	Ci.-S.	Cu. WNW	4	A.-Cu.	Cu. WSW
13	SW	SW	NbyW	W	W	N	21.4	22.3	50.2	21.9	115.8	9	Ci.-S.	S.-Cu. NW	6	Ci.-S. NE	Cu.
14	SW	S	Calm	WNW	Calm	Calm	19.6	11.9	24.6	11.8	67.9	10	Ci.-S. NW	S.-Cu.	10	Ci.-S. W	S.-Cu.
15	WSW	WSW	ENE	EbyN	ESE	EbyS	16.1	48.6	105.4	26.2	196.3	7	A.-Cu.	S.-Cu. W	7	A.-Cu. NW	Cu.
16	E	E	SbyE	EbyN	E	SE	59	48.8	64.4	30.9	203.1	9	Ci.-S.	Fr.-N. ENE	7	Ci.-S. E	Cu.
17	SE	Calm	Calm	SSE	SbyE	SE	13.7	20.7	38.6	41.3	114.3	4	A.-Cu.	Cu. NEbyE	10	Ci.-S.	S.-Cu. ENE
18	SSE	SSW	NbyW	ENE	E	Calm	17.9	25.5	51.8	12.1	107.3	10	Ci.-S.	Fr.-N. EbyS	5	A.-Cu. E	Cu.
19	SW	SW	EbyN	E	EbyS	Calm	17.7	42.3	68.9	16.9	145.8	4	Ci.	s.-Cu. EbyS	4	Ci. W	Cu. E
20	S	Calm	E	EbyS	ENE	EbyN	17.7	55.3	61.4	33.3	167.7	1		Cu. ENE	2		Cu. E
21	Calm	WSW	EbyN	NbyW	EbyN	Calm	12.9	41.2	48.1	12.3	114.5	4	Ci.-S.	S.-Cu. NE	4	Ci.-S. N	Cu. ENE
22	E	Calm	E	NNW	E	S	8.5	30.3	72.7	30.3	141.8	9	Ci.-S. W	Cu.	9	Ci.-S.	S.-Cu. E
23	Calm	WSW	EbyN	ESE	E	S	11.1	26.6	38.9	15.1	91.7	5	Ci.	Cu. E	9	Ci.-S.	S.-Cu. E
24	Calm	Calm	Calm	NbyW	SE	S	11.9	10	25.1	13.4	60.4	3	Ci.-S.	Cu.	9	A.-Cu.	s.-Cu. ENE
25	Calm	S	ENE	NW	W	S	15.1	16.1	36.7	20.3	88.2	8	Ci.-S.	S.-Cu. NE	10	Ci.-S.	S.-Cu. NE
26	WSW	Calm	EbyS	E	ESE	Calm	19.9	21.4	28?	26.4	95.7	10	Ci.-S.	S. SSW	10	Ci.-S.	s.-cu. ENE
27	SE	S	sbyW	Calm	ENE	ESE	17.5	27.9	41.8	27.7	114.9	10	Ci.-S. NNW	s.-Cu. NNE	9	Ci.-S.	S.-Cu. N
28	SE	S	E	NW	Calm	SW	24.9	26.6	20.6	16.6	88.7	10	Ci.-S.	s.-Cu. NW	9	Ci.-S. W	Cu.
29	SW	SW	EbyN	E	ESE	ENE	21.2	44	56.6	18.7	140.5	6	Ci.-S.	Cu. NW	8	Ci.-S. S	Cu.
30	SE	S	E	NNW	Calm	SSW	17.2	24.3	37.5	15	94	6	Ci.-S.	Cu. ENE	9	Ci.-S.	Cu. E
31	SW	SW	E	N	EbyS	S	24.1	19.9	23.6	21.9	89.5	10	Ci.-S. N	S.-Cu.	6	Ci.-S. W	Cu.
Mean							22	32	45.9	22.7	122.6	7.5			7.5		
Total											3,799.3						

SURIGAO.

[ϕ=9° 48′ N; λ=125° 29′ E; barometer above sea, 6 meters; gravity correction not applied, —1.86 mm.]

JUNE, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.55	58.08	58.31	56.48	56.86	58.45	57.62	23.2	24.4	30	31.1	28.8	25.4	27.2	32.3	22.7	85	92	69	79	81	84	81.7	------
2	57.39	57.02	57.60	55.40	55.55	57.30	56.71	24.6	24.2	31.4	30.5	28	25.9	27.4	33	23.4	89	94	70	76	81	84	82.3	------
3	56.96	57.22	57.29	55.73	56.23	58.06	56.92	24.9	24.9	30	31	28.5	26.1	27.6	32.1	23.8	87	92	68	80	81	85	82.2	------
4	57.17	56.78	57.20	55.61	56.35	57.96	56.84	25.5	25	29.8	31.5	28.8	25.7	27.7	32.8	24.4	91	96	78	79	84	87	85.8	------
5	56.99	57.31	57.50	55.54	55.98	57.13	56.74	24.6	24.5	30	30.2	27.8	25.6	27.1	32.2	24.1	91	95	71	82	85	88	85.3	7.1
6	56.32	56.22	57.01	55.09	55.50	56.76	56.15	24.7	24.5	27	28.9	27.8	25.7	26.4	30.8	23.8	92	96	92	82	84	88	89	.3
7	56.30	56.34	56.94	54.91	55.74	56.88	56.18	24.6	24.3	30.5	31	27.6	25.5	27.2	33.4	23.8	92	97	79	81	91	92	88.7	------
8	55.48	55.47	56.11	54.96	55.32	56.56	55.65	24.7	24.7	29.5	28.5	25.5	24.8	26.3	32.1	23.8	93	96	85	88	94	95	91.8	9
9	55.90	55.94	56.21	54.82	56.07	57.23	56.03	24.4	24.5	28	28.4	26.6	25.1	26.2	29.5	24	95	96	80	88	92	93	90.7	------
10	55.74	56.04	56.62	54.94	56.07	56.43	55.97	24.5	24	30.6	30.5	26	24.4	26.7	32.9	23.3	94	96	84	71	90	91	87.7	------
11	55.85	56.37	56.66	54.60	55.24	56.24	55.83	23.9	24	29.5	31.2	28.7	25.1	27.1	32.5	23.3	93	95	73	66	82	84	82.2	------
12	55.37	55.49	55.59	53.90	55.14	55.57	55.18	24.6	24.9	30.6	32	28	25.4	27.6	33.3	23.7	88	92	69	57	81	84	78.5	------
13	54.71	54.96	54.98	53.63	55.06	56.63	55	24.5	24.7	31.4	31.3	28.5	25.8	27.7	33.1	24.3	87	91	70	76	85	86	82.5	------
14	56.08	55.84	56.77	55.41	55.88	57.18	56.19	25.6	25	29	29.8	27.9	25.5	27.1	33.5	24.4	88	92	84	82	89	91	87.7	------
15	56.28	56.38	56.61	55.16	55.88	57.31	56.27	24.5	23.9	31.4	33.5	29.6	24.6	27.9	34.8	23.2	93	96	76	70	86	88	84.8	------
16	56.07	55.82	56.59	54.48	55.43	57.05	55.91	23.6	24.2	31.9	31.9	28.9	27.8	28	35.5	22.9	91	95	80	79	89	91	87.5	------
17	55.78	56	56.44	54.43	55.58	56.82	55.84	25.8	24.9	30.8	30.7	28.3	25.5	27.7	33.1	23.8	92	92	69	80	80	85	83	17
18	56.02	57.12	56.75	55.92	56.90	58.33	56.84	23.3	23.6	28.6	27.2	24.6?	22.5?	25?	30.5	22?	90	97	74	90	95	95	90.2	11.2
19	57.27	57.20	58.07	56.76	56.98	58.39	57.44	23.3	24	27.9	28.9	26.5	24.9	25.9	30.3	22.6	95	95	77	76	82	87	85.3	1
20	57.51	57.93	58.31	56.80	57.15	58.04	57.62	24.6	24.5	28.8	29.5	27	25.2	26.6	31.8	24.2	91	96	80	78	86	88	86.5	------
21	57.16	57.48	57.51	56.13	57.12	59.19	57.43	24.7	24.9	30.5	29.9	26	23.9	26.6	32.5	22.5	90	93	78	86	84	87	86.3	21.1
22	57.97	58.24	58.93	56.90	58.07	59.65	58.29	22.8	23.5	28.6	31.4	27.4	25.7	26.6	32.5	22.3	91	96	83	79	88	90	87.8	3
23	58.84	58.73	59.46	57.97	58.09	59.30	58.73	24	23.5	29	29.2	26.5	24.5	26.1	32	23.1	92	95	97	83	87	90	90.7	------
24	58.92	59.22	59.74	58.35	58.86	60.37	59.24	23.4	23.5	30.4	31	28.4	25.1	27	33.4	22.8	93	96	82	82	85	88	87.7	.8
25	59.33	60.01	60.54	58.33	59.15	60.80	59.70	24.2	23.5	30.8	31	28.6	25.5	27.3	34.7	23	91	96	80	85	90	92	89	------
26	59.52	59.46	60.23	58.01	58.73	60.40	59.39	24.3	24	30	30.5	28.5	24.8	27	32.8	23.1	94	96	88	87	88	90	90.5	9.9
27	59.21	59.40	59.51	58.02	58.45	59.25	58.97	24.5	24.5	29.1	28.6	26.5	25.1	26.4	32.2	23.6	92	96	92	89	92	89	91.7	------
28	58.97	59.09	59.86	58.02	59.24	59.89	59.18	24.2	24.5	26.9	29.4	25.1	24.3	25.7	30.5	23.5	86	84	93	89	98	97	91.2	3.8
29	58.23	59.03	59.67	57.90	58.66	60.33	58.97	23.7	24	29	28.4	25.5	23.9	25.8	31.1	22.8	97	96	89	89	91	92	92.3	1.1
30	59.46	59.19	59.05	57.44	58.24	59.51	58.82	23.9	23.9	29	30.4	27.9	24.9	26.7	31.6	23.3	94	96	90	89	89	91	91.5	------
Mean	57.14	57.31	57.74	56.06	56.78	58.10	57.19	24.3	24.3	29.7	30.2	27.5	25.1	26.9	32.4	23.4	91.2	94.5	80	80.6	87	89.1	87.1	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	85.3

Day.	Wind.											Clouds.				
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	S	S	NNW	N by W	ENE	SE	24.4	25.4	34.3	23.8	107.9	9	A.-Cu.	Cu. WNW	3	Ci.-S. S	Cu.
2	S	S	E by N	Calm	E	ENE	19.9	26.4	46.7	17.1	110.1	2	Ci.-S. SSW	Cu.	3	Ci.-S. SE	Cu.
3	S	SW	NW	W by N	Calm	ESE	22.5	24.1	18.7	12.1	77.4	6	Ci.-S.	Cu. SW	3	Ci.-S.	Cu. ENE
4	Calm	Calm	N by W	NW	Calm	S	8.3	23	15.5	15.1	61.9	10	Ci.-S.	S.-Cu. E	6	Ci.-S. SE	Cu.
5	SW	WSW	WNW	NW	Calm	ESE	13.9	35.9	25.1	18.3	93.2	5	A.-Cu. SE	Cu.	6	A.-Cu. E	Cu.
6	S	Calm	SW	NW	E by N	S	15.8	9.5	17.1	31.7	74.1	9	Ci.-S.	S.-Cu. N	7	Ci.-S. E	Cu.
7	S	SSW	ENE	E by N	ESE	SE	16.3	34.9	46.5	13.9	111.6	4	A.-Cu. S	Cu.	7	Ci.-S.	Cu. E
8	S	SSW	N by W	WNW	N	SSW	17.2	23.8	31.4	16.9	89.3	6	Ci.-S. E	Cu.	9	Ci.-S.	S.-Cu. NE
9	SW	WSW	N by W	NNW	Calm	SW	21.4	26	14.2	11.3	72.9	10	Ci.-S. NE	S.-Cu.	10	Ci.-S.	S.
10	Calm	Calm	W	NW	S	SSE	12.9	30.9	38	29.3	111.1	10	Ci.-S. NW	S.-Cu.	10	Ci.-S. ESE	Cu. SW
11	SW	W	W	NW	Calm	SSW	24.9	43.7	35.1	18	121.7	10	Ci.-S. NE	Cu.	9	Ci.-S.	Cu. SW by W
12	SW	SW	S	W	SSE	SSW	21.5	37.3	39.1	29.2	127.1	8	Ci.-S. NNE	Cu. WSW	10	Ci.-S.	S.-Cu. SW
13	SW	Calm	NW	NW	SE	S	17.2	25.5	51.8	31.7	126.2	10	Ci.-S.	S.-Cu. SW	9	Ci.-S. N	Cu.
14	SSW	SSW	Calm	WNW	ESE	SSW	18.5	18.7	31.2	19.3	87.7	10	Ci.-S. N	S.	10	A.-Cu.	Cu. SW
15	SSW	SSW	W	WSW	W	SW	15.8	37.6	41.2	19.6	114.2	5	A.-Cu. NE	Cu.	6	Ci.-S. ENE	Cu.
16	SW	SSW	N	W	Calm	SE	16.1	29.3	48	14.2	107.6	6	Ci.-S.	Cu. WSW	6	Ci.-S.	Cu. SW
17	W	W	WSW	NW	Calm	NW	25.4	40.2	42.8	23.1	131.5	7	A.-Cu. E	Cu.	9	Ci.-S. E	Cu. W
18	SSE	SSW	W	SSW	N	SW	24.1	22	20.1	41	107.2	10	Ci.-S.	Fr.-N. NE	10	Ci.-S.	S.-Cu. N
19	SW	WSW	Calm	W	W	SSW	25.7	13.4	33.8	20.9	93.8	10	Ci.-S.	S.-Cu. SW	10	Ci.-S.	S.-Cu. SSW
20	Calm	SSW	E	E	W by S	SW	19	23.6	14.7	17.5	74.8	10	Ci.-S.	S.-Cu. NW	10	Ci.-S.	S.-Cu. W
21	SW	SW	W	NNW	SE	SE	18.8	35.7	34.4	35.2	124.1	10	A.-Cu. NE	S.-Cu.	10	A.-Cu.	Cu. WSW
22	Calm	Calm	ENE	E by N	W	Calm	19.3	18.7	17.9	11.9	67.8	10	Ci.-S.	S.-Cu. NW	7	Ci.-S. ESE	Cu.
23	SW	S by W	E	E	Calm	S	24.4	18	35.1	17.5	95	10	A.-Cu. E	S.-Cu.	10	Ci.-S.	S.-Cu. E
24	S	S	E by N	ENE	E	NE	23	19	45.1	20.6	107.7	1	----------	Cu.	4	Ci.-S.	Cu. ENE
25	WSW	WSW	E by N	E by N	E	SE	22.3	42.3	74.3	33.2	172.1	1	Ci.-S.	Cu.	2	Ci.-S.	Cu. E
26	S	S	NNW	NW	E	Calm	20.1	21.7	53.1	24.1	119	6	Ci.-S. NE	Cu.	6	Ci.-S. NE	Cu.
27	SW	SW	NW	W	SW	S	19	36	25.7	15.1	95.8	7	A.-Cu. E	Cu.	10	Ci.-S. SE	S.-Cu. E
28	SW	W	WNW	NW	Calm	Calm	26.8	33.8	30.3	16.6	107.5	10	Ci.-S.	S.-Cu. E	10	Ci.-S.	S.-Cu. E
29	SSW	SSW	WNW	Calm	ESE	SE	14.3	51.5	26.9	19.8	112.5	9	A.-Cu. ESE	S.-Cu. WNW	10	Ci.-S.	S.-Cu. W
30	Calm	SW	NW	WNW	Calm	NE	10	32.4	24.3	16.6	83.3	6	A.-Cu. ESE	Cu. W	3	A.-Cu.	Cu. ESE
Mean	-----	-----	-----	-----	-----	-----	19.3	28.7	33.7	21.2	102.9	7.6	----------	----------	7.5	----------	----------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	3,086.1	----	----------	----------	----	----------	----------

SURIGAO.

[ϕ=9° 48′ N; λ=125° 29′ E; barometer above sea, 6 meters; gravity correction not applied, —1.86 mm.]

JULY, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.75	57.58	58.12	56.67	57.17	59.11	57.73	24.1	23.5	29	28.3	26.5	24.5	26	30.6	22.8								22.6
2	57.69	58.07	58.41	56.82	57.30	58.43	57.79	23	23	27.7	28.8	27.2	24.5	25.7	32	22.5								11.2
3	57.06	57.69	58.58	56.32	57.40	58.88	57.66	24.2	24	26	27.4	26.3	24.3	25.4	29.1	23.2								21.6
4	57.73	58.39	58.82	57.70	58.82	59.90	58.56	23.2	23	28.5	28.4	25	24.1	25.4	32	21.9								3.3
5	58.87	58.97	59.45	58.41	58.60	60.14	59.07	23.9	23.3	28	28.5	26.9	24.8	25.9	31.3	22.6								.3
6	59.27	59.30	59.74	58.50	59.16	60.49	59.41	24	24	30.8	30.9	28.3	24.8	27.1	33.4	23								
7	58.67	59.03	59.73	58.04	58.62	59.85	58.99	24	23.4	31	30.8	27.5	25.1	27	34.8	22.9								5.3
8	58.49	58.54	58.61	56.90	57.48	59	58.17	24.3	24	31.3	32.1	29	27.5	28	34.9	23.3								
9	57.92	58.63	59	57.32	57.61	58.60	58.18	25.2	24.5	30.9	31.7	29	26.8	28	33.6	23.8								
10	57.96	58.61	59.01	57.85	58.62	59.35	58.57	24.6	24.5	29	26.4	26.5	25	26	32	23.7								22.1
11	58.19	58.73	59.10	57.73	58.87	59.57	58.70	24.3	24	30.5	29	25.9	25.1	26.5	33	23								.5
12	58.27	58.27	58.98	57.61	58.23	59.44	58.47	24.6	24.5	31	30.5	26.5	24.9	27	34.4	23.6								8.2
13	58.86	58.87	58.88	57.74	58.21	59.79	58.72	24.4	24.4	28.7	29.8	27.2	25	26.6	32.9	24								4.6
14	58.77	58.35	59.07	58.04	58.29	59.59	58.68	23.9	24	30.9	30.8	28.6	26.9	27.5	33.8	23.4								
15	58.68	58.57	58.26	57.01	56.90	57.97	57.90	24.9	24	29.9	29	26	24.6	26.4	33.5	23.4								8.9
16	57.14	57.02	57.92	55.57	55.88	57.49	56.84	24.5	24.5	26	26.9	26.5	25.1	25.6	28	23.8								31.6
17	57.05	56.62	57.40	56.04	55.79	57.28	56.70	24.4	23.5	30	30.5	28	25.2	26.9	32.5	23.1								
18	57.11	57.74	58.10	56.40	57.20	58.36	57.48	24.5	24.5	29.5	29.1	27.5	25.4	26.8	31.4	23.9								
19	57.48	57.41	58.11	56.26	56.61	58.03	57.32	24.7	24.6	30.1	33.2	29	26.3	28	35.5	23.8								
20	57.23	57.24	57.31	55.76	56.94	58.08	57.09	25	24	30	31.5	30.4	26.6	27.9	35.4	23.6								
21	57.09	57.51	57.63	55.74	56.36	57.81	57.02	25.1	24.1	32	32.6	29	26	28.1	34.5	23.5								
22	56.53	56.56	57.44	55.64	56.49	57.12	56.63	24.6	24.4	30.5	32.1	28.5	25.8	27.6	34.9	23.3								
23	56.34	56.26	56.49	54.94	55.63	57.10	56.13	24.7	24.5	32.8	32.5	28.5	25.6	28.1	35.4	23.7								
24	56.15	56.51	56.58	55.74	56.29	57.89	56.53	24.4	24	31.6	33	29	25.8	28	34.6	23.6								
25	57.03	57.77	57.95	55.90	56.44	58.56	57.28	24.4	24	33.4	32.3	28.4	26.6	28.2	36	23.8								
26	57.49	57.31	57.64	55.73	56.15	58.27	57.10	25.1	24.2	30.9	31.4	28.5	25.6	27.6	33.1	23.8								1.8
27	57.16	56.84	57.43	56.26	56.55	57.86	57.02	24.4	24.1	29.9	31.9	28.5	25.2	27.3	33.8	23.3								
28	57.22	56.77	57.94	56.30	56.76	57.78	57.13	24.6	25	30.5	29.5	26.5	24.6	26.8	34.3	24.1								.5
29	56.52	56.96	57.54	55.80	56.44	57.95	56.87	24.4	25.6	31.9	32.5	28.5	25.8	28.1	33.7	24.2								
30	56.86	56.87	57.86	55.73	56.39	58.08	56.96	24.9	25	28.1	30.5	28	25.4	27	34.1	24.3								.5
31	57.09	57.32	57.69	55.94	56.74	58.42	57.20	24.4	24.4	32	33	28	25.5	27.9	36.2	24.1								.3
Mean	57.60	57.75	58.22	56.66	57.22	58.59	57.67	24.4	24.1	30.1	30.5	27.7	25.4	27	33.4	23.5								
Total																								143.3

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Mid-night.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	SW	SW	NNW	Calm	Calm	NE	24.1	24.6	22	32.7	103.4	9	Ci.-S.	Cu.	10	Ci.-S.	S.-Cu. NNW
2	NW	SW	W	NNW	NNW	SW	20.9	11.3	37	21.4	90.6	10	Ci.-S.	S.-Cu. ENE	9	Ci.-S. SE	Cu.
3	Calm	ESE	WSW	NW	Calm	SW	15.3	32	32.2	15	94.5	10		Fr.-N. ESE	10	Ci.-S. SE	S.-Cu. SW
4	SW	Calm	NW	W	SSW	SW	19.8	31.2	54.5	28	133.5	6	A.-Cu. S	Cu.	9	Ci.-S. ENE	S.-Cu. W
5	Calm	SW	E	NbyW	ESE	SE	8.9	26.2	20.1	14	69.2	10	A.-Cu. ENE	Cu.	10	Ci.-S.	S.-Cu. SW
6	S	SSW	E	EbyN	EbyN	SSE	22.5	27.4	37.8	21.2	108.9	9	Ci.-S. E	S.-Cu.	8	Ci.-S. NE	Cu.
7	SSE	SbyE	E	EbyN	E	SE	15	48	67.9	24.9	155.8	7	A.-Cu. NE	Cu.	6	Ci.-S.	Cu. ENE
8	SSW	SSW	EbyN	ESE	EbyN	EbyN	19	34.9	90.7	49.3	193.9	6	Ci.-S.	Cu. ESE	4	Ci.-S. NE	Cu.
9	S	Calm	EbyN	EbyN	EbyN	EbyS	15.6	63.3	94.3	40.5	213.7	5	Ci.-S. ENE	Cu.	3	Ci.-S.	Cu. E
10	S	S	Calm	SSE	Calm	Calm	18.5	20.4	52.1	11.3	102.3	4	A.-Cu.	Cu. ENE	8	Ci.-S.	S.-Cu. NE
11	S	SbyW	EbyN	SE	SSW	SbyW	16.3	40.7	45.9	14	116.9	10	Ci.-S. S	S.-Cu.	9	Ci.-S.	S.-Cu. SE
12	SSW	SSW	EbyN	E	E	Calm	15.3	65.2	59.2	33.8	173.5	7	A.-Cu. S	Cu.	9	A.-Cu.	S.-Cu. E
13	Calm	ESE	E	EbyN	EbyN	ESE	34.9	28.2	57.9	33	154	10	Ci.-S.	S.-Cu. NE	9	A.-Cu.	S.-Cu. E
14	Calm	S	EbyN	EbyN	E	ESE	16.7	17.7	127.3	38.3	200	10	Ci.-S.	S.-Cu. SE	5	A.-Cu.	Cu. EbyS
15	SE	S	E	Calm	SE	S	17.7	34.1	58.2	21.1	131.1	8	Ci.-S.	Cu. NE	9	Ci.-S.	S.-Cu. E
16	SSE	ENE	ENE	SE	Calm	Calm	23.9	41.2	26.2	9.5	100.8	10	Ci.-S.	S.-Cu. E	10	Ci.-S.	S.-Cu. E
17	S	SW	EbyN	EbyN	E	NE	27.7	36.7	35.4	15.5	115.3	10	A.-Cu. SE	S.-Cu. ESE	8	A.-Cu.	Cu. SE
18	SW	WSW	NW	NW	Calm	SE	24.3	21.4	10.3	11.8	67.8	10	A.-Cu.	S.-Cu. NE	9	Ci.-S.	S.-Cu. SE
19	SW	SW	Calm	EbyN	E	Calm	20.7	28.8	84.5	25.4	159.4	4	Ci.-S.	Cu. NNE	3	Ci.-S. ENE	Cu.
20	S	SSW	NW	NNE	EbyS	S	18.7	34.8	36.2	15.9	105.6	2	Ci.-S.	Cu.	3	A.-Cu. S	Cu.
21	SSW	SSW	W	WbyS	Calm	SSE	19.6	82.8	47	15.3	114.7	3	Ci.-S. SW	Cu.	3	Ci. S	Cu.
22	SSE	Calm	NbyW	NW	W	SW	12.9	26.2	49.9	21.5	110.5	6	Ci.-S. E	Cu.	4	Ci.-S.	Cu. SSW
23	SW	SW	Calm	W	wbyS	SW	18.7	35.4	51.8	16.7	122.6	2	Ci.-S. E	Cu.	5	Ci.-S. S	Cu.
24	SW	SW	WSW	WbyS	W	SSE	16.9	36.8	42.4	14.7	110.8	10	Ci.-S. E	Cu.	6	Ci.-S.	Cu. WSW
25	S	S	E	NW	wbyS	Calm	15.5	19.1	71.1	16.6	122.3	10	Ci.-S. E	S.-Cu.	6	Ci.-S.	Cu. SSW
26	SW	SW	NW	WNW	wbyS	SW	17.4	30.6	59	16.4	123.4	2	Ci.-S. E	Cu.	6	Ci.-S. E	Cu. SW
27	SW	SW	W	W	WSW	SW	16.1	46.1	69	16.1	147.3	3	Ci.-S.	Cu. WSW	6	A.-Cu.	S.-Cu. SW
28	SW	SSW	Calm	WNW	WSW	SW	27.9	23.5	39.9	24.1	115.4	10	Ci.-S. E	Cu.	10	Ci.-S.	S.-Cu. SW
29	SSW	SW	WbyS	W	Calm	SW	25.5	46.2	53.4	17.4	142.5	9	A.-Cu.	S.-Cu. S	6	A.-Cu. E	Cu.
30	SW	WSW	Calm	NW	SW	S	21.9	16.7	41.6	30.8	111	10	A.-Cu. E	S.-Cu.	8	Ci.-S. ESE	Cu.
31	S	S	E	N	Calm	S	18.3	23.5	36.4	13.7	91.9	10	Ci.-S. E	S.-Cu.	7	Ci.-S.	Cu. E
Mean							19.6	32.4	52	21.9	125.9	7.5			7		
Total											3,902.6						

SURIGAO.

[ϕ=9° 48′ N; λ=125° 29′ E; barometer above sea, 6 meters; gravity correction not applied, —1.86 mm.]

AUGUST, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.66	57.89	58.44	56.79	58.03	58.90	57.95	24.2	24	30.4	33.4	29	25.9	27.8	35.5	23.8	90	96	70	59	88	89	82	------
2	58.47	58	58.94	57.31	58.01	59.21	58.32	24.1	24	33	31.5	29	26.5	28	34.8	23.4	91	95	63	60	74	79	77	------
3	58.81	59.12	58.68	57.53	58.66	60.05	58.81	25.6	25.5	30.3	29.7	28.3	25.7	27.5	33.5	24.3	84	92	66	71	84	86	80.5	0.3
4	59.42	59.29	59.90	58.29	58.82	60.89	59.44	24.3	24.2	32.8	31.4	29	24.5	27.7	34.9	23.8	89	93	64	60	74	79	76.5	4.1
5	59.52	59.65	60.03	58.56	58.71	60.12	59.43	24.2	24	30.8	30	28.3	25.6	27.2	33	23.5	91	95	64	70	86	88	82.3	------
6	58.92	59.05	59.66	58.09	58.24	59.56	58.92	24.4	23.9	32	30.5	28.9	26	27.6	35.2	23.4	91	95	63	65	71	76	76.8	------
7	58.64	59.03	59.54	58	58.51	59.76	58.91	24.3	23.4	30.8	31.2	28.8	25.3	27.3	33.3	22.6	82	89	64	61	72	77	74.2	------
8	59.26	59.46	59.49	57.59	57.87	59.36	58.84	24.1	23.4	31.5	32.9	29.6	25.6	27.8	34.5	23.1	85	93	59	53	61	66	69.5	------
9	58.48	58.81	58.31	56.22	57.18	58.70	57.95	25.3	25.9	32.5	31.4	28.7	26.7	28.4	34.1	24.6	73	81	60	63	76	80	72.2	24.4
10	57.43	56.98	57.76	55.59	56.16	57.77	56.95	24.6	25.4	30.7	32.5	28.6	25.1	27.8	33.5	24.2	85	92	71	66	80	83	79.5	2.5
11	56.77	56.78	56.94	55.05	55.81	57.31	56.44	24.9	24.9	33	33	29	25.6	28.4	34.2	24.6	87	92	70?	59	71	77	76	7.1
12	56.73	56.61	56.98	55.65	55.53	56.91	56.40	25.1	24.4	31.5	32.4	28.5	25.8	28	33.7	23.6	85	95	72	67	78	82	79.8	------
13	55.97	56.73	57.38	56.08	56.93	59.22	57.05	24.5	24.6	32	33.5	29.3	25.4	28.2	35	23.7	87	94	76?	61	81	84	80.5	------
14	58.06	58.39	58.77	57.54	58.30	60.29	58.56	24.7	24.4	33.3	32.5	28.6	26.1	28.3	35.5	23.8	88	93	59	69	83	87	79.8	.3
15	59.57	59.85	60.53	58.49	58.88	60.64	59.66	25.1	24.1	33.1	32.4	29.5	27.7	28.6	36.5	23.8	92	97	64	73	75	80	80.2	------
16	59.84	59.64	59.41	57.73	58.24	59.95	59.14	24.9	24.4	31.2	30.3	28.1	24.2	27.2	34	23.3	85	92	66	69	80	82	79	1.5
17	58.93	58.63	58.78	57.46	58.21	59.96	58.66	25	24.9	31.5	31	28	25.3	27.6	34.8	23.7	85	89	62	69	82	84	78.5	------
18	58.86	58.46	59.01	57.50	58.43	59.48	58.62	24.7	24.4	31.4	31.5	29.4	26.1	27.9	34.4	23.8	88	93	56	72	79	82	78.3	------
19	53.78	59.18	59.51	57.47	58.11	59.14	58.70	24.8	24.1	33.5	31.5	28.2	25.8	28	37	23.6	86	91	65	72	77	82	78.8	------
20	58.55	58.56	58.43	57.04	58.05	59.54	58.36	25.2	24.6	31	34.1	28.5	25.9	28.2	35.7	24.1	88	94	66	58	78	81	77.5	------
21	58.59	59.45	60.20	58.04	59.05	60.59	59.32	24.9	24.9	27.2	28.9	27.2	25.1	26.4	32.2	23.5	85	90	83	71	82	86	82.8	2.3
22	59.70	59.91	60.45	58.65	59.01	59.92	59.61	24.2	23.7	31.2	28.3	27.6	26.3	26.9	33.5	23.1	91	96	70	82	82	86	84.5	------
23	59.35	59.27	59.34	57.70	57.75	58.98	58.73	25.3	23.9	30.7	29.3	27.7	25.8	27.1	33.9	23.4	88	92	75	81	82	86	84	------
24	58.01	57.94	58.63	56.69	57	59.13	57.90	24.6	24	32.4	32.5	28.9	27.3	28.3	34.8	23.3	91	96	68	73	82	86	82.7	------
25	58.10	58.23	59.05	57.23	57.70	59.69	58.33	25.4	24.5	32.4	30.3	28	26.2	27.8	35.5	23.6	90	95	57	71	75	80	78	.3
26	58.89	59.09	59.96	58.05	57.96	59.50	58.91	25.5	25	26	28	26.5	24.8	26	29.5	23.8	85	92	86	80	86	89	86.3	.5
27	58.01	57.72	58.89	56.49	56.94	58.65	57.78	24.4	23.6	32.5	29.5	28.1	25.4	27.2	34	23.2	92	96	66	77	77	82	81.7	.5
28	57.74	57.72	57.95	56.09	56.72	58.71	57.49	24.5	24.4	28.9	29.5	26.5	24.3	26.4	31.5	23.5	87	94	71	71	88	90	83.5	.5
29	57.80	57.40	58.15	57.09	57.92	59.74	58.02	23.8	23.6	29.7	31.4	27.9	25.4	27	32.8	22.9	92	95	69	72	77	82	81.2	------
30	58.54	58.43	59.09	57.69	58.24	59.45	58.57	24	23.5	31.8	32.5	29	25.7	27.8	34.9	22.9	88	96	64	59	74	80	76.8	17
31	59.02	59.08	59.65	58.07	58.26	59.55	58.94	24.9	24	28	27	26.1	24.6	25.8	29.5	23.5	87	96	80	88	91	93	89.2	14.5
Mean	58.47	58.53	58.96	57.28	57.85	59.38	58.41	24.7	24.3	31.2	31.1	28.3	25.7	27.6	34	23.6	87.4	93.2	67.4	68.5	78.9	82.7	79.7	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	75.8

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	S	SW	NNW	Calm	E	S	15.8	23.3	24.6	27.7	91.4	5	A.-Cu. ESE	S.-Cu.	8	A.-Cu.	S.-Cu. SE
2	Calm	WSW	Calm	NW	Calm	SSE	17.4	28.8	37.3	17.4	100.9	4	Ci.-S. E	Cu.	6	Ci.-S.	Cu. S
3	SSW	WSW	W	W	SSW	SbyW	21.1	47.8	50.1	28.5	147.5	6	Ci.-S. ENE	Cu.	6	Ci.-S.	Cu. E
4	SbyW	SbyW	Calm	W	W	SSE	30.3	30.4	48.6	34.4	143.7	4	Ci.-S. E	Cu.	5	A.-Cu. S	Cu.
5	Calm	Calm	WSW	W	W	SSE	14.8	26.6	60.9	35.2	137.5	4	A.-Cu.	Cu. SSW	9	A.-Cu.	Cu. SW
6	SSW	SW	E	NNW	Calm	S	15	20.4	19.6	20.6	75.6	9	A.-Cu. E	S.-Cu.	8	A.-Cu.	S.-Cu. S
7	SSW	SW	Calm	NW	E	Calm	30.1	28	29.3	17.5	104.9	4	A.-Cu. SE	Cu.	3	Ci.-S.	Cu. SW
8	SW	SW	W	wbyN	SW	SW	24.6	34.4	61.7	18.5	139.2	6	Ci.-S. NE	Cu.	7	Ci.-S.	Cu. SSE
9	SW	W	WbyS	WbyS	Calm	SW	44.6	55.8	58.9	22.2	181.5	9	A.-Cu.	S.-Cu.SSW	9	Ci.-S. NE	Cu. WSW
10	SW	Calm	SW	WSW	W	Calm	26.2	49.1	72.4	29.8	177.5	10	Ci.-S.	S.-Cu. SW	9	Ci.-S.	Cu. SW
11	S	Calm	EbyN	SE	SW	SSW	15.8	22.3	49.9	15.1	103.1	10	Ci.-S. NNE	S.-Cu.	9	Ci.-S. NE	Cu.
12	SSW	SSW	SSW	W	SW	SSW	34.1	23.1	60.4	18.5	136.1	9	Ci.-S.	S.-Cu. NW	6	Ci.-S. ENE	Cu.
13	SSW	Calm	ENE	WSW	EbyS	WSW	24.3	32.7	39.2?	22.2	118.4	8	A.-Cu. N	Cu.	4	Ci.-S. NE	Cu.
14	WSW	SSW	EbyN	W	S	S	24.4	27.7	33.2	30.4	115.7	10	Ci.-S. SE	S.-Cu.	7	Ci.-S.	Cu. S
15	S	S	ENE	NNW	E	ESE	22.7	34.4	44.5	53.3	154.9	6	Ci.-S. NE	Cu.	4	Ci. E	Cu.
16	WSW	WSW	ENE	NW	W	SSW	18.7	28.5	40.7	40.4	128.3	7	A.-Cu. ENE	Cu.	7	A.-Cu.	S.-Cu. SW
17	SW	SW	wbyN	NW	S	S	18	45.7	52	16.4	132.1	10	A.-Cu. NE	S.-Cu.	7	A.-Cu.	Cu. SSW
18	SSW	SW	W	NW	Calm	SSE	18.7	43.3	55	15.6	132.6	2	Ci.-S.	Cu.	3	Ci.-Cu.	Cu. SW
19	Calm	S	NE	WNW	Calm	Calm	19.1	18	35.2	13.9	86.2	9	Ci.-S. E	S.-Cu.	6	A.-Cu. E	Cu. SW
20	SSW	SSW	NW	NbyE	ESE	SSE	21.7	33.8	45.4	24.9	125.8	10	A.-Cu. E	S.-Cu.	4	Ci.-S.	Cu. ESE
21	SW	EbyS	SSW	E	EbyS	SE	19.8	36.2	50.2	16.9	123.1	9	A.-Cu.	N. ESE	9	Ci.-S. E	S.-Cu.
22	S	S	E	E	ESE	ESE	18.7	42.1	96.9	25.4	183.1	8	Ci.-S. E	Cu.	10	Ci.-S. E	S.-Cu.
23	S	SSW	ENE	EbyN	E	Salm	18.7	33.6	66.2	29.2	147.7	9	Ci.-S.	S.-Cu. SE	9	Ci.-S.	S.-Cu. ESE
24	SW	SW	EbyN	E	ESE	SE	16.1	50.4	135.5	50.5	252.5	6	Ci.-S. NE	S.-Cu.	7	A.-Cu.	Cu. SE
25	S	SbyW	ESE	E	E	SE	20.9	55.3	102.2	48.5	226.9	7	Ci.-S. E	Cu.	9	Ci.-S. E	Cu.
26	E	E	EbyN	Calm	ENE	ESE	30.4	69.4	10.5	12.9	123.2	10	Ci.-S.	S.-Cu. E	10	Ci.-S.	S.-Cu. E
27	S	SbyW	ENE	Calm	EbyN	SSE	18.2	24.1	27.1	27.2	96.6	3	Ci.-S.	Cu. NNE	8	Ci.-S.	Cu. ENE
28	SSE	ESE	Calm	NNW	SW	SSW	24.1	19.8	28.8	22	94.7	10	Ci.-S.	S.-Cu. SE	8	Ci.-S.	S.-Cu. SE
29	SSW	WSW	NNW	NbyW	WbyN	SW	20.1	29.5	33.8	18	101.4	6	Ci.-S. NE	Cu.	4	Ci.-S.	Cu. SSE
30	SW	SW	E	EbyN	EbyN	E	24.1	62.8	101.4	25.9	214.2	6	Ci.-S. E	Cu.	4	Ci. E	Cu.
31	SSW	SSW	Calm	Calm	Calm	SSE	23	18.3	34.1	19.6	95	10	Ci.-S.	S.-Cu. NE	10	Ci.-S.	N. NE
Mean	------	------	------	------	------	------	22.3	35.3	51.8	25.8	135.2	7.3	----------	----------	6.9	----------	----------
Total	------	------	------	------	------	------	------	------	------	------	4,191.3	----	----------	----------	----	----------	----------

SURIGAO.

[ϕ=9° 48′ N; λ=125° 29′ E; barometer above sea, 6 meters; gravity correction not applied, —1.86 mm.]

SEPTEMBER, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.58	58.80	59.19	57.21	58.02	59.08	58.48	24.1	24.2	26.2	28	27.6	25	25.8	30.3	23.8	95	97	85	81	84	87	88.2	3.8
2	58.80	58.09	58.44	56.24	56.89	58.01	57.74	23.8	23	29.6	30.9	28	24.7	26.7	32	22.7	89	92	74	67	82	85	81.5	------
3	56.58	56.73	56.95	55.71	56.05	57.14	56.53	23.7	23	29	33.9	27.5	25	27	34.9	22.8	90	96	71	56	78	82	78.8	------
4	56.49	56.46	57.46	55.60	55.94	57.38	56.56	25	23.9	31	33	28.6	25.5	27.8	34.1	23.3	87	92	65	54	80	84	77	------
5	56.68	57.33	58.63	56.79	57.65	58.71	57.63	24.4	24	30	30.4	28	26.8	27.3	33.5	23.6	89	95	69	64	70	77	77.3	------
6	57.83	58.36	59.05	56.40	57.54	59.05	58.04	25.9	24.5	30.9	31.1	28.4	26.5	27.9	33.3	24.3	83	91	69	66	81	84	79	------
7	57.73	57.71	58.18	56.10	57.11	58.30	57.52	25.2	24.5	32	30	28.5	26.1	27.7	35	23.9	88	92	63	74	77	82	79.3	16.8
8	57.79	58.47	59.19	56.81	57.55	58.61	58.07	24.6	23.5	27.1	31.1	28.5	25.5	26.7	33	22.9	88	96	84	71	81	84	84	3
9	57.49	57.36	58.25	57.36	57.07	58.63	57.69	24.4	24.1	30.5	25	24.5	24.1	25.4	33.5	23.7	89	95	74	92	96	96	90.3	7.1
10	57.42	57.70	58.66	56.45	57.72	59.47	57.90	23.3	23.7	30.3	29	26.6	25.2	26.4	31.4	23.1	96	96	72	78	88	90	86.7	------
11	58.22	58.96	59.85	57.69	58.79	60.30	58.97	24.1	24	30	30.5	27.4	25.3	26.9	32.1	23.2	91	94	73	68	79	84	81.5	1
12	59.44	59.47	60.58	57.63	58.51	59.68	59.22	24	23.9	26	30	26.6	24.4	25.8	31.5	23.3	89	96	92	74	82	85	86.3	8.7
13	58.80	57.72	58.07	56.04	56.73	57.86	57.54	24	23.5	29.9	29.6	26.8	24.9	26.4	32.1	22.7	88	92	68	67	79	83	79.5	------
14	56.80	56.85	57.61	55.51	56.70	58.02	56.92	24.2	24.1	29.8	30.5	27.9	25.7	27	34.9	23.4	87	94	72	68	79	83	80.5	------
15	57.19	57.39	58.05	56.53	57.01	58.62	57.46	25	24.3	31	31.5	26.6	24.7	27.2	33.3	23.8	88	93	72	69	91	92	84.2	2.1
16	57.97	58.07	58.43	56.15	57.11	58.39	57.69	24	24.3	31.5	29.9	27.5	25.1	27	33.8	23.8	94	95	69	74	87	90	84.8	------
17	57.38	57.56	57.49	55.41	56.16	57.46	56.91	24.4	24.5	32.9	33	28.4	25.1	28	35.1	23.8	93	96	67	58	78	81	78.8	------
18	56.89	56.91	57	55.19	56.39	57.60	56.66	25.3	24.5	32	33	27.6	24.9	27.9	34	23.8	86	92	60	56	80	83	76.2	------
19	56.24	56.58	57.14	55.13	56.63	57.76	56.58	24.7	25.1	31.9	33.4	28.5	28	28.6	34.1	24.4	87	91	62	58	78	77	75.5	------
20	57.09	57.02	57.38	55.77	56.55	57.69	56.92	26.9	27.6	31	32	28.5	27.5	28.9	33.9	26.3	76	76	65	61	78	83	73.2	9.9
21	56.10	56.11	56.67	54.62	55.76	56.88	56.02	27.4	25.4	30	29	26.1	25.5	27.2	31	24.3	89	95	74	78	92	93	86.8	33
22	55.85	56.32	56.08	54.27	54.67	56.08	55.54	24.3	24.4	27.5	29.4	27.6	26.6	26.6	31.2	23.6	93	94	77	73	79	77	82.2	.3
23	54.25	55.26	56.07	53.88	55.40	56.25	55.18	27.2	27.2	30	30.4	27.9	26.4	28.2	33	25.8	76	75	62	60	75	84	72	------
24	54.73	55.42	56.56	54.56	55.61	57.51	55.73	26.2	25.6	26.2	28.5	27.1	24	26.2	29.3	23.6	85	88	92	81	87	89	87	15.2
25	55.90	56.68	57.31	55.03	56.54	57.87	56.56	25.4	24	29.5	30.5	27.4	25.9	27.1	33	23.7	93	96	78	70	80	83	83.3	.8
26	56.30	56.53	57.40	55.44	56.65	58.38	56.78	24.7	25.5	28.5	30.4	28	26	27.2	31.7	24	87	91	77	69	80	84	81.3	.3
27	57.33	57.97	58.17	56.01	56.95	57.81	57.37	25.1	24.9	29.5	30.4	26.3	25.1	26.9	32.7	24.3	88	93	71	69	74	79	79	------
28	56.29	56.77	57.26	55.65	56.75	58.02	56.89	24.7	24.5	29.1	31.5	28	24.2	27	32.5	23.8	84	91	76	60	79	83	78.8	16.5
29	56.34	56.56	57.57	56.60	57.21	58.39	57.11	24.2	24.5	29.6	25.5	24.3	23.6	25.3	31.4	23.1	90	96	66	88	93	94	87.8	------
30	57.85	58.13	58.60	57.03	57.78	59.21	58.10	23	23.5	31.4	31.5	28.6	26.4	27.4	32.9	22.6	95	96	66	66	80	84	81.2	------
Mean	57.10	57.31	57.91	55.96	56.85	58.14	57.21	24.8	24.5	29.8	30.4	27.4	25.5	27	32.8	23.7	88.4	92.5	72.2	69	81.6	84.7	81.4	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	118.5

Day.	Wind. Direction.						Total movement in 6 hours.				Total movement in 24 hours.	Clouds. 6 a. m.			Clouds. 2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Mid-night.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	SSE	SSW	Calm	NNW	WNW	SSW	20.1	12.1	48.6	24.1	104.9	10	Ci.-S.	S.-Cu. E	6	A.-Cu.	Cu. WSW
2	SSW	Calm	SSW	WNW	E	SbyW	33.2	21.4	33.6	18	106.2	9	Ci.-S. NE	S.-Cu.	8	Ci.-S. E	Cu. WSW
3	SSW	WSW	EbyN	NNW	Calm	SW	15.9	22	28.7	23.6	90.2	10	Ci.-S. NE	S.-Cu.	9	Ci.-S. NE	S.-Cu. SW
4	S	S	Calm	E	E	ESE	20.7	28.4	89.6	14	152.7	10	Ci.-S. NE	S.-Cu.	7	Ci.-S.	Cu. SE
5	S	S	ESE	E	E	SE	14.8	54.5	90.3	67.9	227.5	3	A.-Cu. SE	Cu.	10	Ci.-S.	S.-Cu. SE
6	SSE	S	ENE	ENE	ENE	Calm	25.5	58.4	91.5	41.8	217.2	9	A.-Cu.	S.-Cu. E	6	A.-Cu.	Cu. ENE
7	SSE	SSE	EbyN	EbyN	ENE	Calm	13.7	55.7	82.1	25.7	177.2	7	Ci.-S. SE	Cu.	6	A.-Cu.	Cu. E
8	S	Calm	Calm	NbyW	ENE	Calm	18.2	13.1	19.8	35.1	86.2	10	Ci.-S.	S.-Cu. NE	7	Ci.-S. NNE	Cu.
9	SW	SW	W	E	S	SW	21.7	9.7	24.6	19.9	75.9	8	A.-Cu. E	Cu.	10	Ci.-S.	Fr.-N. NE
10	SW	SW	E	E	Calm	SW	19.5	44.8	28.7	9.2	102.2	10	A.-Cu. ESE	S.-Cu.	10	Ci.-S.	S. SE
11	SW	WSW	NbyW	EbyN	SE	SE	15.8	22.3	33.1	25.9	147.1	10	A.-Cu.	S.-Cu.	9	Ci.-S.	Cu.
12	SSE	SW	SW	NbyW	Calm	S	19.1	22.7	29.2	37.6	108.6	10	Ci.-S.	S.-Cu. W	4	Ci.-S. NE	Cu.
13	WSW	WSW	WbyN	NW	W	SSW	23.6	48.8	51.7	17.9	142	10	Ci.-S.	S.-Cu.	8	Ci.-S. SE	S.-Cu.
14	S	SSE	NNW	NW	WSW	Calm	14.5	34.1	23.9	12.9	85.4	8	A.-Cu. S	S.-Cu.	7	Ci.-S.	Cu. S
15	SW	SW	E	NW	Calm	S	20.4	15.3	21.1	14.7	71.5	9	A.-Cu.	S.-Cu. SW	10	Ci.-S.	s.-Cu. ssw
16	SSW	SSW	E	Calm	Calm	SSW	20.7	50.5	56.9	14	142.1	5	Ci.-S. NE	Cu.	7	Ci.-S. E	S.-Cu. NE
17	SSW	SW	NbyW	NW	Calm	SSW	19.8	38	28.4	18	104.2	7	Ci.-S. NE	Cu.	5	Ci.-S. NE	Cu.
18	SW	SW	SW	WNW	WbyS	Calm	24.4	45.1	47.5	16.4	133.4	8	A.-Cu.	Cu. SW	4	Ci.-S.	Cu. W
19	SW	SW	SW	W	WSW	SW	31.1	72.4	73.2	48.6	225.3	5	Ci.-S.	Cu. WSW	5	Ci.-S.	Cu. WSW
20	SW	W	W	W	SW	SW	51	80.7	55	21.1	207.8	7	Ci.	S.-Cu. WSW	8	Ci.-S. E	Cu. WSW
21	SW	WSW	SSW	WbyS	Calm	Calm	41.2	44.5	37	14.2	136.9	10	Ci.-S.	S.-Cu. WSW	10	Ci.-S.	s.-Cu. WSW
22	WSW	Calm	WSW	WSW	WSW	SSW	53.4	41.8	75.6	38.1	208.9	10	Ci.-S.	Fr.-N. WSW	10	A.-Cu.	s.-Cu. WSW
23	SSW	WbyS	SW	WbyS	WSW	SW	68.6	70.3	89.6	85.8	314.3	10	Ci.-S.	S.-Cu. SW	10	A.-Cu.	s.-Cu. WSW
24	Calm	S	E	Calm	EbyS	SW	16.9	24.3	17.2	63.4	121.8	10	Ci.-S.	S.-Cu. SW	10	Ci.-S.	S. WSW
25	SSW	SE	SbyE	E	Calm	S	38.8	34.1	39.7	15.6	128.2	10	Ci.-S.	S. WSW	10	Ci.-S.	S.-Cu. SW
26	W	Calm	WNW	WNW	Calm	SSW	25.5	29.5	42.6	21.9	119.5	9	Ci.-S. N	S.-Cu.	8	Ci.-S.	Cu. SW
27	SSW	Calm	SW	WNW	SSW	Calm	23.6	39.6	67.6	21.7	152.5	10	Ci.-S.	S.-Cu. WSW	10	Ci.-S.	s.-Cu. WSW
28	SW	WSW	EbyS	WSW	Calm	SSW	20.1	16.1	38.1	22.5	96.8	8	Ci.-S. NE	S.-Cu.	9	Ci.-S.	S.-Cu. W
29	SSW	SSW	WSW	SbyW	Calm	SSW	15.6	28.5	26.8	21.4	92.3	10	A.-Cu.	S.-Cu. WSW	10	Ci.-S.	S.-Cu. S
30	SSW	SSW	EbyN	E	ESE	SE	21.5	52.5	113.5	38.1	225.6	3	A.-Cu. NE	Cu.	4	Ci.-S.	Cu. EbyS
Mean	------	------	------	------	------	------	25.6	37.7	51.8	28.3	143.5	8.5	----------	----------	7.9	----------	----------
Total	------	------	------	------	------	------	------	------	------	------	4,304.4	----	----------	----------	----	----------	----------

SURIGAO.

[$\phi = 9°\ 48'$ N; $\lambda = 125°\ 29'$ E; barometer above sea, 6 meters; gravity correction not applied, —1.86 mm.]

OCTOBER, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.65	58.62	58.44	56.40	57.80	58.54	58.08	24.2	23.7	32.4	31.9	28.5	27.1	28	33.1	23.3	68	94	47	65	78	82	75.7	------
2	57.98	58.32	58.99	56.65	57.75	58.55	58.04	25.2	24.5	32	30.3	28.3	25.6	27.6	33.1	23.8	87	92	66	64	78	83	78.3	17
3	57.68	59.34	59.29	57.67	59.03	59.94	58.82	24.7	24	26	27.8	26	24.6	25.5	28.6	23	89	96	87	75	88	90	87.5	3.3
4	58.69	58.93	59.54	57.54	58.37	59.89	58.83	23.8	23.6	29.9	30	26.5	24.7	26.4	31.4	23.2	92	95	69	64	86	89	82.5	------
5	58.95	59.31	59.43	57.44	58.37	59.72	58.87	24.4	24.2	31	30.5	27.5	24.8	27.1	32.4	23.2	91	95	69	63	81	85	80.7	------
6	58.40	58.18	58.69	56.26	57.19	58.38	57.85	24.3	24	30.5	30.4	28.5	25.4	27.2	32.3	23.3	91	95	65	66	75	80	78.7	------
7	57.15	57.58	57.56	55.65	56.82	58.12	57.15	24.1	24	29.5	31	27.6	26.4	27.1	32.6	23.3	86	94	70	57	81	86	79	.5
8	56.84	57.16	58.34	56.68	57.67	58.86	57.59	24.4	24.6	30.5	30.8	26.9	24.8	27	32.2	23.7	90	94	68	63	81	84	80	------
9	57.82	58.68	59.11	57.39	58.18	59.82	58.50	24	24.3	31	31.4	28.4	26.1	27.5	32.8	23.6	88	92	63	59	80	83	77.5	------
10	58.96	59.78	60.28	57.85	59	59.50	59.23	24.9	23.9	32.5	29.5	27	24.5	27	34	23.3	87	93	66	79	80	85	81.7	13.2
11	58.69	58.19	59	56.65	57.19	58.38	58.02	24.5	24.5	31	30	27	25.3	27	33.1	23.7	90	96	69	75	88	90	84.7	2.3
12	57.26	57.53	57.90	55.70	56.86	57.97	57.20	24.6	24	31.5	30	28.3	26.1	27.4	33.1	23.6	92	96	68	74	80	83	82.2	------
13	57.18	57.79	58.70	56.70	57.56	58.48	57.74	25.3	24.8	29.6	27.8	25	24.6	26.2	32	24	88	93	72	82	96	97	88	16
14	57.45	57.93	58.50	56.43	56.97	57.58	57.48	24	24.3	30.4	30.4	27.5	24.5	26.8	31.6	23.3	98	97	75	69	83	87	84.8	11.9
15	56.61	56.62	57.12	55.14	56.76	57.66	56.65	24.4	23.9	28.5	29.5	25.2	24.4	26	30.6	23.7	91	97	80	75	94	95	88.7	1.3
16	56.23	57	57.90	55.55	57.04	58.01	56.96	23.9	24	28.1	28	27.1	25.1	26	29.2	23.3	95	96	83	85	83	87	88.2	1.5
17	57.05	57.63	58.11	55.99	57.17	58.58	57.42	24.3	24	30.5	29	26.9	25	26.6	32.4	23.5	91	96	75	78	85	88	85.5	1.9
18	57.43	57.93	58.47	56.16	56.72	58.09	57.47	24.1	24.2	30.9	30	28	26.3	27.2	32.5	23.4	91	94	69	71	81	86	82	.8
19	57.07	57.36	57.64	55.57	56.38	57.42	56.91	25	25	26.9	26.5	25.5	24.8	25.6	31.3	23.9	90	96	91	92	91	92	92	15.5
20	56.68	56.93	57.54	55.69	56.87	58.18	56.98	24.6	23.9	31.5	30	26.4	25.9	27	32.3	23.3	94	97	72	75	89	91	86.3	12.9
21	57.03	57.77	58.51	56.47	57.61	58.81	57.70	24.6	24.5	25.9	27	25.7	24.9	25.4	29.2	23.3	93	95	92	81	90	92	90.5	10.2
22	57.27	57.52	58.36	56.24	57.14	58.68	57.54	24	23	28.5	29.5	28.1	25.9	26.5	31	22.8	93	96	78	70	77	83	82.8	1.8
23	57.44	57.59	58.40	56.30	56.96	58.43	57.52	24.8	24.4	29	25.4	24.8	24.2	25.4	30.7	23.8	89	97	81	93	95	95	91.7	4.1
24	57.55	58.38	59.57	57.73	58.11	60.35	58.62	24.4	24.4	28.5	26.5	24.9	24.3	25.5	29.7	23.3	94	93	81	84	96	96	90.7	7.6
25	59.28	59.61	60.34	57.58	58.86	60.45	59.35	23.9	24.1	29.5	30.6	27.5	25.1	26.8	32	23.4	96	96	73	70	84	88	84.5	2.8
26	59.41	60.17	60.46	57.72	58.51	59.71	59.33	24.3	24.1	30.1	28.8	25.3	23.9	26.1	32	23.4	91	97	74	76	91	93	87	38.6
27	53.60	53.98	59.08	56.87	57.18	58.22	58.16	23.5	23.8	27	27.7	27	25.1	25.7	29	23.2	96	97	88	84	86	89	90	9.8
28	57.03	57.53	58.21	55.84	56.82	57.87	57.22	24.4	24	31.4	29.5	26	25.3	26.8	32.4	23.3	93	97	73	77	90	93	87.2	18.5
29	57.23	57.49	58.56	56.55	57.57	58.59	57.66	23.5	23.3	28.8	29.5	27.5	25.3	26.3	31	22.4	95	97	75	75	84	87	85.5	------
30	57.46	58.12	58.49	56.64	57.35	57.91	57.66	24.2	24	29.1	29.1	26.5	25	26.3	30.8	23.3	91	96	75	73	88	90	85.5	------
31	57.40	57.57	57.41	55.04	56.26	56.99	56.78	24	24.7	29.5	30	26.5	24.7	26.6	31.6	23.7	91	94	68	65	88	90	82.7	------
Mean	57.69	58.11	58.64	56.52	57.49	58.63	57.85	24.3	24.1	29.7	29.3	26.8	25.2	26.6	31.6	23.4	91.3	95.3	73.6	73.5	85.4	88.4	84.6	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	191.5

Day.	Wind.										Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	SSW	SW	E	E	EbyN	SE	21.2	60.6	129.2	41.2	252.2	3	Ci.-S. SE	Cu.	3	Ci.-S. E	Cu.
2	SW	WSW	EbyN	Nbyw	Calm	SE	16.3	43.1	29	23.9	112.3	8	Ci.-S.	Cu.	7	Ci.-S. E	Cu.
3	SE	SW	EbyS	WNW	SbyE	Calm	17.5	24.7	28	12.4	82.6	10	Ci.-S.	N. S	10	Ci.-S.	S.-Cu. SW
4	SW	SW	Calm	Calm	Calm	Calm	22.3	25.1	15.9	16.6	79.9	9	Ci.-S. NE	S.-Cu.	7	Ci.-S. E	Cu.
5	SW	SW	Calm	Nbyw	EbyN	SE	19.1	20.7	17.2	18	75	3	Ci.-S. N	Cu.	6	Ci.-S. N	Cu.
6	SSW	SSW	ENE	NNW	wbyN	SW	21.2	22.7	26	17.7	87.6	3	Ci.-S. SE	Cu.	5	Ci.-S. SE	Cu. NNW
7	W	WbyS	Nbyw	wbyN	Calm	Nbyw	22	29.5	31.2	36.7	119.4	10	Ci.-S.	S.-Cu. N	9	Ci.-S. E	S.-Cu.
8	W	Calm	wbyN	WSW	WSW	SW	21.9	47	32.2	22.3	123.4	8	A.-Cu. W	S.-Cu. W	10	Ci.-S.	S.-Cu. S
9	SW	SbyW	E	NW	SE	ESE	22.7	27.4	40.2	14.5	104.8	10	A.-Cu. SW	Cu.	7	Ci.-S. NE	Cu.
10	S	S	EbyN	E	S	ENE	17.7	53.1	69.2	18.3	158.3	6	Ci.-S. ENE	Cu.	4	Ci.-S.	Cu. ENE
11	SSW	Calm	ENE	EbyN	E	Calm	17.7	49.3	84.3	16.7	168	10	Ci.-S.	S.-Cu. ENE	6	A.-Cu.	Cu. E
12	Calm	S	E	NNW	ENE	SE	15.6	60.4	43.5	27.1	146.6	2	----------	Cu.	4	Ci.-S. S	Cu. SE
13	SW	Calm	E	E	SSW	Calm	17.7	19.6	72.1	17.4	126.8	10	Ci.-S.	S.-Cu. NE	9	A.-Cu.	Cu.-N. E
14	SSW	SE	E	EbyN	EbyN	Calm	19.8	66.2	74	12.9	172.9	8	Ci.-S.	S.-Cu. E	8	Ci.-S. W	Cu.
15	SE	SE	NW	NNW	SSW	S	17.4	26	31.4	20.1	94.9	8	Ci.-S.	S.-Cu. E	10	Ci.-S.	S.-Cu. SW
16	SbyW	SbyW	EbyN	E	EbyN	SSW	22.8	23.8	79.9	40.2	166.7	10	Ci.-S. NE	S.-Cu.	10	Ci.-S.	S.-Cu. ESE
17	SSW	SSW	E	Calm	ENE	SE	19	38	54.1	20.3	131.4	10	Ci.-S.	Fr.-N. ENE	10	A.-Cu.	S.-Cu. ESE
18	S	S	ESE	EbyN	ENE	NE	20.3	49.1	105.7	44.1	219.2	9	A.-Cu. EbyS	S.-Cu.	9	A.-Cu.	Cu. E
19	S	S	ESE	Calm	ESE	SE	16.6	53.1	48.1	33.8	151.6	8	A.-Cu.	S.-Cu. E	7	A.-Cu.	S.-Cu. E
20	S	S	E	ESE	ESE	S	24.7	59.5	72.4	24.7	181.3	6	----------	Cu. E	4	Ci.-S.	Cu. E
21	SSE	SSE	SE	EbyS	ENE	ENE	21.9	56.3	95	73.5	246.7	10	A.-Cu.	S.-Cu. E	10	Ci.-S.	S.-Cu. ESE
22	SSW	SW	NNW	NNW	ENE	S	22.3	26.4	48.8	23.6	121.1	8	Ci.-S. E	S.-Cu.	7	Ci.-S. ENE	Cu.
23	E	Calm	Calm	SE	Calm	S	14	7.8	31.7	13.7	67.2	10	Ci.-S. E	S.-Cu.	10	Ci.-S.	Fr.-N. ESE
24	S	E	ESE	ENE	Calm	S	17.2	26.6	17.7	16.3	77.8	10	Ci.-S.	Fr.-N. E	10	Ci.-S.	S.-Cu. E
25	S	SbyW	EbyN	E	ENE	E	16.3	65.7	70	27.7	179.7	10	A.-Cu. NE	S.-Cu. EbyS	4	A.-Cu.	Cu. NE
26	SSW	SSW	EbyN	NE	SE	SE	16.9	25.4	75.3	22	139.6	10	Ci.-S.	Fr.-N. NNE	8	Ci.-S.	Cu. ENE
27	S	S	S	NE	NE	SE	20.3	7.8	15.3	27.6	71	10	Ci.-S.	Fr.-N. E	10	A.-Cu.	N. N
28	SSE	SSE	E	ENE	SE	Calm	15.9	44.3	41.3	18.2	119.7	9	----------	N. ENE	8	Ci.-S.	S.-Cu. ENE
29	SSW	Calm	E	N	Calm	SW	21.9	17.7	40.2	16.7	96.5	7	A.-Cu. NE	Cu. SW	6	Ci.	Cu. NNE
30	SW	SW	NW	NNW	Calm	SW	22.5	29	33.8	20.3	105.6	3	A.-Cu. N	Cu. SW	4	Ci.-S.	Cu. WSW
31	SW	SW	Calm	NNW	Calm	S	22.3	21.7	15.8	17.4	77.2	7	A.-Cu. W	S.-Cu.	4	Ci.-S. W	Cu.
Mean	------	------	------	------	------	------	19.5	36.4	50.6	24.4	130.9	7.9	----------	----------	7.3	----------	----------
Total	------	------	------	------	------	------	------	------	------	------	4,057	----	----------	----------	----	----------	----------

SURIGAO.

[ϕ=9° 48′ N; λ=125° 29′ E; barometer above sea, 6 meters; gravity correction not applied, —1.86 mm.]

NOVEMBER, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	55.86	56.03	56.80	54.43	55.44	56.81	55.90	24	23.9	30.5	30.4	27	24.5	26.7	31.8	23.4	92	96	68	66	85	87	82.3	0.8
2	56.08	56.24	57.15	55.46	56.76	58.16	56.64	24.2	24.4	29	29.3	26.9	24.8	26.4	31.1	23.5	91	94	78	74	83	87	84.5	9.7
3	57.31	57.26	57.91	55.80	56.98	58.27	57.26	24.4	24.5	29	29	25.4	24.7	26.2	30.5	23.9	92	97	78	77	90	91	87.5	.5
4	56.94	57.21	57.39	54.94	56.25	57.25	56.66	25.8	25	28	29.5	28	24.4	26.8	30.8	23	92	92	85	69	70	75	80.5	------
5	55.71	56.53	57.42	54.85	55.51	56.84	56.14	23.2	23.9	28.8	29.3	27.1	25.3	26.3	31.1	22.4	83	92	67	67	86	88	80.5	------
6	55.81	56.78	57.35	55.09	56.26	57.23	56.42	24.4	24	29.5	30.4	26.5	24.2	26.5	31.3	23.3	91	95	74	60	80	84	80.7	------
7	56.12	56.88	57.61	55.56	56.65	57.60	56.72	23.6	24	30	30.3	28.3	25.9	27	31.6	22.9	88	93	71	70	80	84	81	------
8	56.06	57.41	58.79	56.24	57.84	59.10	57.67	24.8	24.5	28.6	29.5	26.5	25.6	26.6	30.9	24.2	89	95	76	72	88	90	85	1.5
9	58.19	58.09	58.91	56.70	57.94	58.78	58.10	24.3	24	29.8	31.5	27.5	25.8	27.2	32.2	23.7	91	94	69	65	81	85	80.8	------
10	57.75	58.02	58.69	56.24	57.26	58.01	57.66	24.5	24.6	29.9	29.4	26.1	24.8	26.6	33	24.1	90	95	73	74	83	87	83.7	------
11	56.84	57.37	58.17	56.62	56.99	58.35	57.39	24.1	24	27.5	26	26	25.4	25.5	30.2	23.5	91	96	84	91	87	90	89.8	86.1
12	57.74	58.42	58.86	56.62	57.30	58.14	57.85	24.9	23.5	26.3	27.2	26.2	25.5	25.6	29	23.1	92	96	89	83	90	89	89.8	15.3
13	57.51	57.97	58.64	56.94	57.76	58.53	57.89	25.5	25.9	28.2	28.9	27	25.1	26.8	30.4	24	89	88	79	78	88	89	85.2	15
14	57.34	57.27	57.63	56.04	57.17	57.42	57.14	24.8	25.4	27	24.5	24.1	23.4	24.9	30.7	23.3	91	93	85	92	95	96	92	14.7
15	56.45	56.69	56.16	55.02	56.42	56.71	56.24	23.2	23.5	29.5	27	24.4	24.8	25.4	31.5	23	97	97	74	88	93	94	90.5	23.5
16	56.28	56.75	57.26	54.56	56.08	57.21	56.36	23.9	23.9	27.4	29	26	25	25.9	30	22.9	95	96	87	78	91	92	89.8	5.4
17	56.45	56.99	57.64	55.53	57.02	58.07	56.95	24.2	24.8	30	30.7	27.1	24.3	26.8	33	23.8	92	94	67	68	81	85	81.2	5.6
18	57.44	58.82	59.55	57.61	58.06	58.99	58.41	24.2	24.7	28	29	26.9	24.7	26.2	31.5	23.9	90	96	81	75	89	91	87	------
19	58.46	58.73	59.21	56.62	58	59.01	58.34	24.2	23.6	31.5	32	27	25.2	27.2	33	23.1	93	97	69	72	88	90	84	------
20	57.87	58.22	58.54	56.16	57.24	58.35	57.73	24.2	23.6	30.7	30.7	27.2	25.3	27	33.1	23.3	92	95	70	76	83	87	83.8	------
21	57.39	58.22	59.14	56.49	57.82	59.01	58.01	24.3	23.5	30	29.8	28.4	25.4	26.9	32	22.9	91	96	75	79	81	84	84.3	4.5
22	57.95	59.30	59.25	57.03	57.97	59.55	58.51	22.8	23.4	25.6	28.9	25.8	24.3	25.1	29.5	22.3	87	92	86	74	89	91	86.5	1.5
23	58.40	58.65	59	57.02	57.51	58.49	58.18	23	22.5	29.5	29	27.8	25.4	26.2	31	22.1	93	96	71	78	79	84	83.5	------
24	57.61	57.44	58.01	55.91	56.21	57.37	57.09	24.7	23.9	29	28.6	27.7	24.5	26.4	30.6	23.7	89	96	74	80	83	87	84.8	5.1
25	56.05	56.14	57.16	55	55.57	56.18	56.02	23.7	23	23.1	28.5	25.5	23.2	24.5	29.1	22.8	91	97	99	79	90	91	91.2	13.4
26	54.54	54.39	55.25	53.07	54.17	54.67	54.35	22.9	23.5	29	29.3	27.5	26.4	26.4	31.1	22.7	93	94	73	72	81	80	82.2	1.3
27	53.79	54.43	55.02	52.74	54.18	54.74	54.15	27.4	26.5	30	30.1	25.5	26.2	27.6	31.6	24.4	81	81	71	70	84	85	78.7	18.6
28	54.24	54.54	55.87	53.68	53.78	54.98	54.52	25.9	26	26.2	28	27.2	24.8	26.4	29.7	23.9	86	88	90	77	83	85	84.8	108
29	54.13	54.59	55.57	53.40	55.73	57.07	55.08	24.4	24.8	25.1	25.6	23.7	23.8	24.6	26	23.4	88	92	91	88	98	95	92	70.4
30	55.48	56.07	57	55.44	55.82	56.10	55.98	25.7	25.9	27.1	29	27.5	26.5	27	29.5	23.5	92	88	83	77	78	78	82.7	------
Mean	56.61	57.05	57.70	55.56	56.59	57.57	56.85	24.4	24.3	28.5	29	26.6	25	26.3	30.9	23.3	90.4	93.7	77.9	75.6	85.2	87.4	85	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	400.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	SW	SW	NNE	NW	Calm	SW	20.4	17.5	31.4	25.1	94.4	3	Ci.-S.	NW Cu.	3	Ci.-S.	Cu. W
2	SW	SW	NNW	E	ENE	S	19.1	45.4	63.3	21.7	149.5	7	Ci.-S.	S.-Cu. NW	8	A.-Cu.	S.-Cu. E
3	S	Calm	NNW	NW	Calm	SW	11.3	27.2	58.4	22.5	119.4	9	Ci.-S.	S.-Cu. N	7	A.-Cu.	Cu. NW
4	SW	WSW	NNW	NNW	Calm	S	30	47.3	82.6	29.5	189.4	5	Ci.-S.	Cu. NW	5	Ci.-S.	Cu. NNW
5	SW	WSW	W	W	Calm	Calm	30.8	42.9	27.2	16.6	117.5	9	A.-Cu.	S.-Cu. NNW	8	A.-Cu.	S.-Cu.NW
6	SSW	SSW	NNW	NW	Calm	SW	19.8	32.4	28	18.7	98.9	9	Ci.-S.	Cu. E	3	Ci.-S. SE	Cu. W
7	SW	WSW	NNW	NNW	ENE	ENE	21.2	29.5	23.5	14.2	88.4	8	Ci.-S.	Cu. WSW	9	Ci.-S.	S.-Cu. W
8	SW	W	Calm	W	SW	S	19	24.3	18	16.6	77.9	10	Ci.-S.	S.-Cu. SW	10	A.-Cu. E	S.-Cu. W
9	SSE	SW	NW	NE	ESE	SW	24.7	20.9	31.7	17.4	94.7	8	A.-Cu.	E S.-Cu.	6	Ci.-S.	Cu. ENE
10	WSW	WSW	E	NNW	SW	S	20.6	17.7	42.9	21.9	103.1	8	Ci.-S.	SE S.-Cu.	6	Á.-Cu. E	Cu. NE
11	SSW	SSW	NNW	N	Calm	SW	23.1	34.8	23.9	20.9	102.7	9	Ci.-S.	S.-Cu.	10	Ci.-S.	S.-Cu. N
12	S	Calm	ENE	EbyN	EbyN	EbyN	24.7	58.7	133	72.9	289.3	10	Ci.-S.	N. NNE	10	Ci.-S. SE	S.-Cu. NE
13	EbyN	EbyN	ENE	ENE	ENE	ENE	54.4	130	123.9	97.9	406.2	6	Ci.-S.	Cu. ENE	8	Ci.-S.	S.-Cu. ENE
14	ENE	ENE	EbyN	ESE	Calm	S	62	80.8	67.8	18.7	229.3	10	Ci.-S.	S.-Cu. ENE	10	Ci.-S.	Fr.-N. ENE
15	S	S	NW	WNW	SSW	SW	21.7	32	40.8	23	117.6	10	A.-Cu.	SE S.-Cu.	10	Ci.-S.	Fr.-N. ENE
16	SW	WSW	SbyW	WbyN	Calm	SSW	14	20.4	40.7	15.9	91	10	Ci.-S.	Fr.-N. WSW	9	Ci.-S.	S.-Cu. SSW
17	SW	Calm	W	W	Calm	SW	17.9	39.9	54.9	18.5	131.2	9	Ci.-S.	S.-Cu. SW	3	A.-Cu.	Cu.SWbyW
18	SW	WSW	ENE	ESE	Calm	S	18.8	15.5	25.7	16.9	76.9	10	A.-Cu.	N. SW	9	Ci.-S.	S.-Cu.WSW
19	Calm	SW	EbyN	EbyN	Calm	Calm	15	44.1	67.4	9.1	135.6	8	Ci.-S.	E S.-Cu.	6	Ci.-S. NE	Cu.
20	SE	S	ENE	EbyN	EbyN	S	19.1	49.1	51.8	26.2	146.2	6	Ci.-S.	S.-Cu. E	7	Ci.-S.	Cu. ESE
21	S	S	Calm	NNW	ENE	Calm	18.3	13.2	41.6	29.6	102.7	6	Ci.-S.	NE Cu.	5	Ci.-S. NE	Cu.
22	S	W	Calm	Calm	NE	E	29.5	14.7	10.2	16.1	70.5	10	Ci.-S.	Fr.-N. SW	7	A.-Cu.	S.-Cu. SE
23	SE	SE	Calm	NW	Calm	SE	19.5	19.1	43.3	18.2	100.1	8	Ci.-S.	E Cu.	6	Ci.-S. E	Cu.
24	SW	SW	NbyE	NNW	ENE	ESE	19	15.6	44.1	40.8	119.5	4	Ci.-S.	NE Cu.	9	A.-Cu.	Cu.-N. NEbyE
25	S	SW	N	NNW	Calm	SW	26.6	37.3	41.3	23.6	128.8	4	Ci.-S.	S.-Cu. NNW	6	Ci.-S. E	Cu.
26	WSW	WbyS	W	WbyN	WNW	W	33.2	65.5	77.2	48.6	224.5	8	A.-Cu.	E S.-Cu.	7	Ci.-S.	Cu. WbyS
27	WSW	W	SW	SW	WbyS	SW	73.5	88	99	91.2	351.7	9	Ci.-S.	S.-Cu. W	10	Ci.-S.	S.-Cu.WSW
28	WbyN	WNW	WNW	WNW	SW	SW	63.4	72.9	87.2	78.1	301.6	10	Ci.-S.	S.-Cu. WSW	10	Ci.-S.	S.-Cu.WSW
29	SW	W	W	WSW	WSW	SW	67.6	64.4	94.6	81	307.6	10	Ci.-S.	Fr.-N. W	10	Ci.-S.	N. WSW
30	NW	NNW	NbyW	NNW	NNW	NNW	94.8	123.9	88.5	123.9	431.1	10	Ci.-S.	Fr.-N.NbyW	7	Ci.-S.	Cu. NNW
Mean	------	------	------	------	------	------	31.1	44.2	55.5	35.8	166.6	8.1	----------	----------	7.5	----------	----------
Total	------	------	------	------	------	------	-----	-----	-----	-----	4,997.2	----	----------	----------	----	----------	----------

SURIGAO.

[$\phi = 9°\ 48'$ N; $\lambda = 125°\ 29'$ E; barometer above sea, 6 meters; gravity correction not applied, —1.86 mm.]

DECEMBER, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	55.52	55.96	56.27	54.01	54.24	55.71	55.28	25.9	25.5	27.4	27	26.3	25	26.2	28.5	24.4	78	80	69	80	82	84	78.8	1.1
2	54.31	54.84	56.23	54.98	56.22	57.29	55.64	24.8	25	27	28	26.5	25.4	26.1	28.5	24.4	87	92	88	82	90	93	88.7	.5
3	56.26	56.91	58.09	56.28	57.21	58.53	57.21	24.3	23.5	30.2	31.2	28.2	25.9	27.2	32.7	23.3	95	97	76	79	83	87	86.2	.3
4	57.89	57.84	58.22	56.25	56.51	57.29	57.33	25.3	24.6	31.2	29	27.8	25.2	27.2	32.5	23.9	92	97	71	78	81	84	83.8	3.1
5	56.45	55.81	57.42	55.32	55.63	56.22	56.14	24	24.4	26.1	26.5	25.7	25.2	25.3	30.3	24	96	93	92	92	90	92	92.5	8.8
6	55.83	55.84	56.98	55.19	55.78	56.72	56.06	24.4	23.5	28.1	27.9	25.9	24.3	25.7	31.3	23	93	96	79	82	93	93	89.3	4
7	56.15	56.19	56.87	55.15	56.03	57.07	56.24	23.8	23.5	28.5	28.6	25.4	24	25.6	30.4	23	94	96	84	80	91	92	89.5	9.9
8	56.48	56.24	57.07	55.57	55.95	56.98	56.38	24	23.4	30	29.5	25.3	24.2	26.1	31.7	22.9	94	97	75	75	93	94	88	4.5
9	56.47	56.85	58.12	55.65	56.27	57.38	56.79	24.2	24	26.1	26.7	24.5	24	24.9	29.1	23.4	95	96	94	90	96	96	94.5	69.5
10	57.23	57.28	57.85	55.86	56.41	57.38	57	24.4	24.3	29.1	26.4	27.1	26	26.2	32.6	23.7	97	97	81	86	87	90	89.7	9.4
11	56.98	56.67	57.41	55.72	55.96	57.04	56.63	25.1	24.5	27.8	25.4	25.4	24.5	25.4	30.5	23.8	92	96	86	88	88	91	90.2	61.9
12	56.03	56.32	57.77	55.86	56.78	57.24	56.67	24.8	24.4	25.5	26.1	24.5	23.3	24.8	26.7	22.7	93	97	88	89	95	96	93	41.9
13	56.72	56.70	57.48	55.17	56.02	56.19	56.38	23.6	23.5	25.5	26.4	25.5	25.5	25	29.6	22.8	96	97	92	89	92	93	93.2	91.8
14	55.95	56.43	57.32	55.35	55.62	56.45	56.19	24.1	24.5	24.5	24.5	25.3	24.9	24.6	26	23.2	94	96	96	92	89	92	93.2	28
15	55.35	55.35	56.55	55.02	55.46	56.49	55.70	23.8	23.5	25.5	25.8	25.7	24.9	24.9	27.8	23.2	95	98	96	93	90	92	94	8.9
16	55.99	56.19	57.06	54.62	55.18	56.03	55.84	23.9	24	29.1	28	26.8	25.7	26.2	29.9	23.4	94	97	81	85	89	91	89.5	11.1
17	55.49	55.76	56.47	54.42	55.44	56.56	55.69	25.3	24.4	26.9	25	25.5	25.1	25.4	27.5	24.2	93	96	85	96	92	94	92.7	17.7
18	55.97	56.08	56.76	54.44	55.52	56.99	55.96	24.6	24	28.5	29.5	27.3	25.7	26.6	31	23.7	96	96	78	79	82	86	86.2	------
19	55.91	56.53	57.45	55.23	56.12	57.10	56.39	24.8	23.9	29.9	30	27.1	25.1	26.8	31.9	23.3	91	97	75	75	86	89	85.5	1.5
20	56.57	56.83	57.26	55.60	56.86	58.19	56.88	25.1	23.5	29.5	27.6	27	23.6	26	30.8	23.1	92	97	77	84	86	90	87.7	33.5
21	57.52	57.25	57.32	56.02	56.94	57.70	57.12	23.2	22.5	26.6	25.5	24.4	24.6	24.5	27.8	22.3	94	98	86	92	91	92	92.2	22.9
22	56.70	57.29	57.34	54.95	56.65	57.49	56.74	23.6	23	25.8	27.5	26	23.7	24.9	28.8	22.9	94	97	89	77	86	90	88.8	1.8
23	56.64	56.99	57.31	55.59	56.51	57.18	56.70	23.1	22.8	28.4	29	27	23.3	25.6	30.4	22.4	93	97	76	71	77	82	82.7	.3
24	56.37	56.55	57.06	55.84	57.17	57.28	56.71	23.5	22.9	26.5	24.3	23.7	23	24	27.5	22.4	89	97	88	96	97	97	94	46.7
25	56.33	56.93	57.98	56.52	57.48	57.27	57.08	23	23.2	24.4	23.5	24.1	24.1	23.7	25.9	22.4	98	98	92	95	95	95	95.5	44.4
26	56.20	56.13	57	55.55	56.25	56.05	56.20	23.8	23.5	23.5	24.4	23.4	22.6	23.5	25.4	22	96	96	97	92	92	93	94.3	51.5
27	55.48	55.81	56.44	55.11	56.13	56.44	55.90	23.1	22.6	26.7	25.4	24.6	23.6	24.3	27.9	22.2	94	96	85	93	96	94	93	19.3
28	56.07	56.81	56.96	55.44	56.83	57.28	56.56	25.1	26	28	29	26.6	26.5	26.9	30.1	24.4	92	91	82	78	90	89	87	1.3
29	56.69	56.81	57.47	55.21	56.88	57.92	56.83	26.2	25.4	29.5	30	25.9	24.4	26.9	31.5	23.9	87	85	75	75	88	90	83.3	3.6
30	56.98	57.23	57.46	55.47	56.67	57.81	56.94	24.4	24.2	26.5	28	26.1	24.2	25.6	29	23.7	91	94	90	82	90	91	89.7	18
31	57.60	57.78	58.67	56.37	57.51	58.82	57.79	24	24	25.5	27.4	26	24.1	25.2	28.3	22.4	93	96	92	81	88	90	90	------
Mean	56.33	56.52	57.28	55.41	56.27	57.10	56.48	24.3	23.9	27.3	27.2	25.8	24.6	25.5	29.4	23.2	92.8	95.3	84.4	84.7	89.2	91	89.6	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	617.2

Day.	Wind.										Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10.*			*0–10.*		
1	NNW	WNW	W	W	W	SW	108.3	51	79.7	64.4	303.4	9	A.-Cu.	S.-Cu. NNW	10	Ci.-S.	S.-Cu. W
2	SW	S	Calm	NW	Calm	NE	46.4	27.9	24.3	20.9	119.5	10	Ci.-S.	S.-Cu. SW	10	A.-Cu.	S.-Cu. W
3	SE	SE	EbyS	E	EbyS	ESE	13.1	48.6	71.4	27.4	160.5	7	Ci.-S.	Cu.-N. E	6	Ci.-S.	Cu. E
4	SSW	SSW	E	NNW	ENE	Calm	14.7	20.7	38.3	42.4	116.1	5	----------	Cu.-N. ENE	4	Ci. W	Cu. ENE
5	N	W	Nbyw	ENE	EbyN	ENE	52.1	29	45.7	16.6	143.4	9	Ci.-S.	S.-Cu. ENE	9	Ci.-S.	Fr.-N.ENE
6	SSW	SSE	Nbyw	NNW	ESE	SE	21.2	24.3	40.2	21.9	107.6	5	A.-Cu.	Cu. NE	8	A.-Cu.	Cu.-N.ENE
7	SSE	S	E	NNW	SSW	SE	18.3	14.7	49.4	23.6	106	6	----------	S.-Cu. ENE	9	----------	Cu.-N.ENE
8	SE	SE	EbyS	E	SE	ESE	14.5	38.9	85	16.7	155.1	9	----------	Cu.-N. ENE	5	----------	Cu. E
9	SE	SSE	EbyS	EbyN	ENE	S	19.9	31.2	37.6	13.9	102.6	10	Ci.-S.	S.-Cu. ENE	9	Ci.	S.-Cu. ENE
10	S	Calm	EbyS	EbyS	ENE	Calm	27.7	38.8	77.2	29.8	173.5	9	A.-Cu.	Cu.-N. ENE	7	Ci.-S.	Cu.-N.ENE
11	Calm	WNW	Calm	NbyE	ENE	WSW	13.2	13.1	34.1	15	75.4	10	Ci.-S.	Fr.-N. ENE	10	Ci.-S.	Fr.-N. NE
12	SW	Calm	EbyN	EbyN	ESE	SbyE	23	55.7	93.1	49.4	221.2	10	Ci.-S.	N. NE	10	Ci.-S.	Fr.-N. ENE
13	S	Calm	EbyS	E	E	ENE	19	32.8	74	105.9	231.7	10	Ci.-S.	Fr.-N. ENE	10	Ci.-S.	N. NE
14	ENE	EbyN	E	EbyN	EbyN	ESE	80.2	93.9	111.5	52.1	337.7	10	Ci.-S.	Fr.-N.EbyN	10	Ci.-S.	Fr.-N. E
15	Calm	Calm	ESE	EbyN	EbyN	SE	11.8	19.3	75.6	33.5	140.2	10	Ci.-S.	Fr.-N. E	10	Ci.-S.	S. E
16	SE	EbyS	ESE	EbyN	EbyN	ESE	15.9	66.5	123.1	68.4	273.9	10	Ci.-S.	s.-Cu. EbyS	10	A.-Cu.	S.-Cu. E
17	ESE	ESE	EbyS	E	EbyS	ESE	41.6	64.6	86.9	64.6	257.7	10	Ci.-S.	Fr.-N. ESE	10	Ci.-S.	S.-Cu. E
18	SE	SSE	ENE	E	E	ESE	9.4	51.7	101.4	23.1	185.6	10	Ci.-S. NE	S.-Cu.	4	Ci.-S. ESE	Cu.
19	EbyN	EbyN	EbyS	EbyN	ENE	SE	14.5	50.9	104.6	20.1	190.1	5	Ci.-S. E	Cu.	4	A.-Cu.	Cu. E
20	SE	ESE	EbyS	ENE	ENE	ESE	43.1	25.2	46.7	30.1	145.1	8	Ci.-S.	S.-Cu. ENE	10	Ci.-S.	S.-Cu. E
21	SE	S	E	EbyN	ENE	SE	12.3	11.5	41.2	55.2	120.2	10	Ci.-S.	S. ENE	10	Ci.-S.	N. NE
22	SE	Calm	Calm	EbyN	EbyS	SE	21.4	7.7	40.8	19.6	89.5	10	Ci.-S.	S.-Cu. E	10	Ci.-S.	S.
23	S	SbyW	Calm	ENE	ENE	SSE	23.3	18.5	115.1	21.7	178.6	6	A.-Cu.	S.-Cu. NE	2	A.-Cu.	Cu. NE
24	S	S	NNW	Calm	SE	S	15.8	35.7	33.5	24.6	109.6	10	Ci.-S.	S.-Cu. NNE	10	Ci.-S.	s.-Cu. ENE
25	S	S	ENE	ENE	ENE	NE	16.3	26.4	56.9	75.6	175.2	10	A.-Cu. E	S.-Cu. NNE	10	Ci.-S.	Fr.-N. NE
26	ESE	ESE	ENE	NE	ESE	Calm	19	42.8	82.7	23.5	168	10	Ci.-S.	Fr.-N. ENE	10	Ci.-S.	Fr.-N. NE
27	ESE	ESE	ESE	SbyE	Calm	SE	24.1	49.3	47.3	36	156.7	10	Ci.-S.	Fr.-N. E	10	Ci.-S.	Fr.-N.EbyN
28	ESE	EbyN	EbyN	EbyN	EbyN	EbyN	114.6	164.1	157.2	133.3	569.2	10	Ci.-S.	S.-Cu. E	9	Ci.-S.	Cu. E
29	EbyN	EbyN	EbyN	EbyS	SE	SSE	128.7	66.8	106.2	28	329.7	9	A.-Cu.	S.-Cu. ESE	4	A.-Cu.	Cu. EbyS
30	SSE	Calm	E	EbyN	ESE	SE	52.3	63	78.1	30.9	224.3	10	Ci.-S.	N. ESE	10	A.-Cu.	S.-Cu. E
31	EbyN	EbyN	EbyS	EbyN	EbyS	Calm	46.2	44.5	95.6	30.3	216.6	10	Ci.-S.	Fr.-N. E	10	Ci.-S.	S.-Cu. E
Mean	------	------	------	------	------	------	34.9	42.9	72.7	39.3	189.8	8.9	----------	----------	8.4	----------	----------
Total	------	------	------	------	------	------	-----	-----	-----	-----	5,883.9	----	----------	----------	----	----------	----------

CEBU.

[ϕ=10° 18′ N; λ=123° 54′ E; barometer above sea, 9 meters; gravity correction not applied, —1.84 mm.]

JANUARY, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.14	56.38	57.03	53.72	54.37	54.43	55.34	25.9	24	23.5	23.2	20.7	23.4	23.4	26	19.5	85	90	87	75	91	80	84.7	56.6
2	53.75	54.67	55.75	53.94	55.14	56.23	54.91	23	24.5	25.7	27	27.5	26.7	25.7	27.7	21.8	90	87	82	79	77	85	83.3	1.5
3	55.92	56.47	58.15	56.54	57.77	59.13	57.33	26.3	26.4	28.5	30.6	28.5	26.9	27.9	31.5	25.1	86	82	74	67	73	81	77.2	------
4	58.44	59.69	60.88	58.49	59.28	60.04	59.47	25.4	24	28.4	29.5	27.6	26	26.8	30.5	23.1	86	90	77	71	80	85	81.5	3.8
5	59.29	60.31	61.11	58.79	59.02	59.72	59.71	26	24.8	28.7	29.5	28	26.8	27.3	30.9	23.4	84	89	73	68	74	83	78.5	19.8
6	59.04	59.66	60.81	58.54	58.97	59.79	59.47	26	24	28.9	29.8	27.2	25.7	26.9	30.4	22.7	85	90	71	66	80	84	79.3	------
7	59.25	59.72	60.73	58.69	59.12	60.35	59.64	25.3	25.6	27.6	29.1	28	26	26.9	29.5	24.3	83	82	76	70	74	84	78.2	1.3
8	59.69	60.25	61.29	59.23	60.19	60.87	60.25	25.4	25.5	27.9	29.5	26.1	25.7	26.7	31	23.5	87	84	76	67	87	86	81.2	4.8
9	60.31	60.78	61.28	59.17	60.49	61.43	60.58	25.4	25	28.1	29.9	28.5	25.9	27.1	30.6	23.8	83	85	73	64	70	88	77.2	5
10	60.69	61.21	61.72	59.18	59.98	61.59	60.73	25	24.7	28.7	30	29	25.8	27.2	30.8	23.5	92	89	68	62	71	89	78.5	38.9
11	60.07	61.14	61.48	58.94	59.67	60.20	60.25	25.8	24.5	28.1	29.5	28	26	27	30.9	23	85	90	71	63	73	86	78	1
12	58.87	59.23	60.14	59.11	59.30	59.89	59.42	25.8	25	27	23.5	23.8	23.5	24.8	27.4	22.3	85	91	80	91	85	87	86.5	11.4
13	58.80	58.56	59.18	57.19	57.59	58.16	58.25	24	25.4	28	28.4	26	24.3	26	28.6	22.5	87	73	65	64	80	89	76.3	9.4
14	56.38	55.70	56.94	54.31	54.50	54.37	55.37	25	25.5	26.3	25.3	25	24.5	25.3	26.6	23.2	82	84	78	88	92	91	85.8	67.5
15	51.61	52.82	53.61	52.20	52.59	54.33	52.86	24.8	24	26.7	27.5	27	27.1	26.2	28.2	23	91	91	80	81	77	78	83	14
16	53.42	53.76	55.28	53.75	55.67	56.96	54.81	25.2	25.6	27	28.2	26	25.5	26.2	28.6	24.1	90	87	77	66	76	80	79.3	------
17	56.10	56.21	58.32	56.71	57.51	58.89	57.29	25	25	25.9	26	25.5	24.5	25.3	27.2	23.4	77	76	75	69	71	75	73.8	------
18	58	58.26	59.70	57.46	58.77	59.24	58.57	24	24.4	27	28	26	25	25.7	28.3	23.2	78	72	63	61	69	75	69.7	------
19	58.40	58.77	59.87	58.18	59.23	59.89	59.06	24.5	24.3	27	27.4	25.6	24.9	25.6	28.5	23.1	78	80	70	67	71	76	73.7	------
20	59.26	59.11	59.97	57.78	58.34	58.89	58.89	23.9	23.9	27	27	25.9	24.6	25.4	28.5	22.5	80	78	62	63	66	73	70.3	------
21	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
22	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
23	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
24	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
25	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
26	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
27	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
28	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
29	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
30	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
31	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
Mean	57.67	58.14	59.16	57.10	57.88	58.72	58.11	25.1	24.8	27.3	27.9	26.5	25.4	26.2	29.1	23	84.7	84.5	73.9	70.1	76.8	82.8	78.8	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	235

Day.	Wind.										Clouds.				
	Direction.						Total movement in 6 hours.				6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.	Total movement in 24 hours.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	N	SW	S	SW	SW	SW	30.6	56.8	215.2	248.7	551.3	10	----------	Cu.-N. NNE	10	----------	Cu.-N. WNW
2	SW	S	SW	SW	SW	S	58.7	57.9	247.6	214.4	578.6	8	----------	Cu.-N. SW	8	----------	Cu.-N. SW
3	S	S	S	SW	SW	SW	188.4	114.3	126.3	60.7	489.7	5	Ci.	Cu. SW	3	Ci.	Cu. SSW
4	W	N	NE	NE	NE	N	44.5	47	84	56.5	232	3	Ci.	Cu.	3	Ci.	Cu. ENE
5	N	N	NE	NE	N	N	70.3	88.5	81.7	68	308.5	8	----------	Cu.-N. ENE	3	Ci.	Cu. ENE
6	N	NW	NE	NE	N	N	55.2	58.7	96.9	54.7	265.5	3	Ci.	Cu. ENE	3	Ci.	Cu. ENE
7	Calm	N	NE	NE	NE	N	53.5	109.1	82.9	70	315.5	3	Ci.	Cu. ENE	5	Ci.-S.	Cu. ENE
8	N	N	NE	NE	N	N	76.4	85.3	119	60.5	341.2	5	----------	S.-Cu. ENE	4	Ci.	Cu. ENE
9	N	N	NE	NE	NE	N	57.1	100.9	149	89.5	396.5	7	----------	Cu.-N. ENE	7	Ci.-S.	Cu. ENE
10	E	N	NNE	NE	NE	N	63.1	97.2	127.9	56.5	344.7	3	Ci.	Cu. ENE	3	Ci.	Cu. ENE
11	N	N	NE	NE	N	N	73	109.4	132	71.5	385.9	8	----------	Cu.-N. ENE	6	Ci.-S.	Cu. NE
12	N	N	NE	NE	N	Calm	63.8	119.1	127.5	35.8	346.2	9	----------	Cu.-N. NE	9	----------	N. NE
13	N	N	NNE	NNE	N	N	73.3	142.8	113	76.1	405.2	7	Ci.-S. E	Cu. NE	9	----------	Cu.-N. NE
14	N	N	N	W	SW	SW	76.8	71.8	52.2	54.7	255.5	9	----------	Cu.-N. NE	9	----------	Cu.-N. NNE
15	SW	SW	SW	SW	SW	W	239.1	263.2	257.4	139.7	899.4	10	----------	Cu.-N. WSW	8	----------	Cu.-N. WSW
16	SW	SW	NW	NNW	N	N	120.7	79.3	160.6	108.9	469.5	8	----------	Cu.-N. NW	8	Ci.-S.	Cu.-N. NNW
17	N	N	N	N	N	N	94.1	118.3	174.7	115.6	502.7	9	----------	Cu.-N. NNW	8	----------	Cu.-N. NNE
18	N	N	N	N	N	N	96.9	127.9	139.2	90.1	454.1	7	----------	S.-Cu. NE	7	Ci.-S.	Cu. NE
19	N	N	N	NNE	N	N	90.9	121.5	150.4	90.1	432.9	8	Ci.-S.	Cu.-N. NE	8	Ci.-S.	Cu.-N. NE
20	N	N	N	N	N	N	69.7	92.8	127.7	99.2	389.4	7	Ci.-S.	Cu. NE	8	----------	Cu. NE
21	------	------	------	------	------	------	75.2	85.8	53.1	45.1	259.2	----	----------	----------	----	----------	----------
22	------	------	------	------	------	------	45.9	45.7	----	----	----	----	----------	----------	----	----------	----------
23	------	------	------	------	------	------	----	----	----	----	----	----	----------	----------	----	----------	----------
24	------	------	------	------	------	------	----	----	----	----	----	----	----------	----------	----	----------	----------
25	------	------	------	------	------	------	----	----	----	----	----	----	----------	----------	----	----------	----------
26	------	------	------	------	------	------	----	----	----	----	----	----	----------	----------	----	----------	----------
27	------	------	------	------	------	------	----	----	----	----	----	----	----------	----------	----	----------	----------
28	------	------	------	------	------	------	----	----	----	----	----	----	----------	----------	----	----------	----------
29	------	------	------	------	------	------	----	----	----	----	----	----	----------	----------	----	----------	----------
30	------	------	------	------	------	------	----	----	----	----	----	----	----------	----------	----	----------	----------
31	------	------	------	------	------	------	----	----	----	----	----	----	----------	----------	----	----------	----------
Mean	------	------	------	------	------	------	82.6	99.7	133.3	90.8	410.6	6.8	----------	----------	6.4	----------	----------

NOTE.—This station was temporarily closed from January 21 to February 3.

CEBU.

[$\phi = 10°\ 18'$ N; $\lambda = 123°\ 54'$ E; barometer above sea, 9 meters; gravity correction not applied, —1.84 mm.]

FEBRUARY, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.40	56.70	58.15	55.75	56	57.40	56.73	25.6	24.7	28.9	29.2	28.5	26.5	27.2	30.3	24	85	84	71	71	74	86	78.5	
2	56.50	57.15	58.50	56	56.55	58	57.12	25.7	25.2	28.3	29.6	29.1	26.6	27.4	30	24.5	86	88	75	68	70	80	77.8	
3	56.90	57.40	58.55	56.50	56.85	58.20	57.40	26.2	25.6	28.8	30.7	28.7	26.9	27.8	32	24.7	86	86	71	65	77	84	78.2	
4	57.34	57.80	59.19	57.23	57.12	57.87	57.76	26.2	25	30	30.9	28.9	27.2	28	32	24.5	86	88	71	63	75	84	77.8	
5	57.46	58.01	59.34	56.93	57.57	58.29	57.93	26.9	25	28.5	31.4	29.1	27	28	32.5	23.9	89	89	74	59	76	88	79.2	
6	58.06	58.74	59.57	57.22	56.89	57.66	58.02	26	25.6	29	28.5	28	26.5	27.3	30.1	24	83	87	74	78	74	90	81	
7	57.20	57.17	58.12	56.08	56.52	57.31	57.07	26.1	25	29.5	30.5	28.5	26	27.6	31.6	24	88	88	59	64	64	82	74.2	
8	56.41	57.41	58.33	56.72	57.04	58.47	57.40	25.3	23.2	30.1	29.2	27.8	25	26.8	31.6	22.3	83	86	55	63	71	76	72.3	
9	57.96	58.93	60.05	58.07	58.53	60.11	58.94	23.2	22.6	29.5	29	27.5	23	25.8	31.3	21.1	79	80	51	58	41	59	61.3	
10	59.86	59.84	61.08	59.02	58.97	60.22	59.83	22.5	22.7	28	29.5	28.1	25.4	26	30.3	21.3	72	77	57	49	63	80	66.3	2
11	59.25	59.34	61.05	59.08	59.92	61.01	59.94	24.2	23.2	27.5	28.3	27	23.4	25.6	28.9	22.1	90	81	66	65	77	91	78.3	13.5
12	59.24	59.40	61.17	58.98	59.08	60.45	59.72	24.1	24.1	27.5	27.5	25.5	25.5	25.7	28	22.1	86	85	66	70	80	80	77.8	10.2
14	59.91	60.12	61.29	58.86	59.48	60.64	60.05	23.8	23.2	27.5	29	27.1	26.9	26.2	29.3	20.9	87	85	64	58	69	72	72.5	
14	60.29	60.19	61.57	58.89	58.98	60.09	60	25.5	25	29	29.5	27.5	25.5	27	30.5	23.9	78	80	64	58	63	82	70.8	
15	59.08	59.28	60.82	58.39	58.62	60.19	59.40	24.6	24	28.5	29.7	28	26.5	26.9	30	23	82	83	64	58	63	76	71	
16	59.21	59.16	60.84	58.16	58.72	60.19	59.38	25	24.5	29	29.1	28	26	26.9	30.5	23.2	82	78	63	60	76	84	73.8	
17	58.98	59.01	60.07	57.57	57.74	59.17	58.76	25.3	24.2	28.5	29.3	28	25.8	26.8	29.6	23.1	80	79	67	62	70	84	73.7	16.5
18	58.32	57.98	58.48	55.73	56.52	57.06	57.35	24.7	23.6	27.6	28.5	26	25.6	26	30	22.5	90	90	71	73	88	87	83.2	
19	56.51	56.26	58.13	55.52	56.16	57.19	56.63	25.6	24.6	24	26.5	27	25	25.4	27.4	22.8	82	87	91	80	80	90	85	14.2
20	56.72	56.83	57.30	55.58	55.95	56.94	56.55	24.7	24.5	27.8	29.5	27.6	26.8	26.8	30	23.2	92	92	75	66	76	86	81.2	1.5
21	57.17	56.41	58.35	56.14	56.12	57.76	56.99	24.7	24.7	28.5	27.7	25.5	25.9	26.2	29.6	23.3	88	87	70	79	88	88	83.3	12.1
22	56.97	57.16	58.55	57.17	57.66	58.96	57.74	25.1	24.5	27.8	25	26.3	23.5	25.4	30.8	22.2	89	92	83	92	82	89	87.8	15
23	57.77	57.61	59.55	57.17	57.68	58.91	58.12	24.4	23.5	27.1	29	28.4	25.2	26.3	30.5	22.1	91	90	76	63	66	80	77.7	
24	57.84	57.83	58.68	57.28	57.14	58.62	57.90	23.4	23	29.1	30.1	28.5	25.2	26.6	30.9	21.9	88	90	64	61	64	78	74.2	
25	58.30	58.27	59.24	56.82	56.85	58.04	57.92	24.4	24	28.5	28.6	27.5	26	26.5	30	22.5	82	86	64	63	69	78	73.7	
26	57.43	57.28	58.79	56.84	56.69	57.66	57.45	25	24.5	28.8	30	27.3	25.8	26.9	31	23.3	83	75	57	53	66	80	69	
27	56.76	57.46	58.91	56.46	56.93	58.20	57.45	24.5	23.4	28.7	29	27	25.8	26.4	30.6	22.5	75	76	48	58	70	72	66.5	
28	57.11	57.28	58.46	55.86	56.34	57.63	57.11	23.8	24.8	29.8	30.5	28	27	27.3	31.1	22.9	78	75	58	62	73	81	71.2	
29	56.13	57.10	58.49	56.25	56.29	57.59	56.98	26.7	26.6	28.5	26.5	26.2	25.8	26.7	28.8	24.6	81	83	77	91	89	89	85	17.8
Mean	57.83	58.04	59.33	57.11	57.41	58.61	58.06	24.9	24.3	28.4	29	27.6	25.8	26.7	30.3	23	84.2	84.4	67.1	65.9	72.2	81.9	75.9	
Total																								a102.8

Day.	Wind.										Clouds.				
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.		2 p. m.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.	Amount.	Form and direction.
													Upper. Lower.		Upper. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*		*0–10*	
1	------	------	------	------	------	------	------	------	------	------	------	------	------ ------	------	------ ------
2	------	------	------	------	------	------	------	------	------	------	------	------	------ ------	------	------ ------
3	------	------	------	------	------	------	------	------	43.3	19	------	------	------ ------	------	------ ------
4	Calm	NW	SE	SE	NE	N	26	46.4	68.2	40.9	181.5	3	Ci. Cu.	3	Ci. Cu. S
5	W	W	S	S	S	Calm	47.7	40.1	64.1	47.3	199.2	3	Ci. Cu.	3	Ci. Cu. S
6	W	NE	NE	NE	NE	Calm	31.4	63.3	116.7	30.5	241.9	3	Ci. Cu.	3	------ Cu.
7	NE	Calm	Calm	E	N	Calm	35.6	41.8	92.5	38.6	208.5	3	Ci. Cu.	3	------ Cu. W
8	N	Calm	NE	NE	NE	N	26.2	49.9	120.2	46.8	243.1	2	Ci. Cu.	4	------ S.-Cu. WSW
9	NW	NW	NE	NE	N	N	38.2	57.5	123.6	59.9	279.2	2	Ci. Cu.	2	Ci. Cu.
10	NE	Calm	NE	NE	NE	N	31.6	104.4	142.8	65.6	344.4	3	Ci. Cu.	3	Ci.-S. Cu. ENE
11	NW	N	N	NE	SE	N	55.7	105.2	55.2	70.3	286.4	3	Ci. Cu. ENE	8	------ Cu.-N. ENE
12	N	N	NE	NE	N	N	82.8	113.6	131.6	72.9	400.9	8	------ Cu.-N. ENE	7	Ci.-S. Cu.-N. ENE
13	N	N	NNE	NE	NE	NE	75.6	113.3	147.5	101.7	438.1	7	------ S.-Cu. ENE	7	A.-Cu. S.-Cu. ENE
14	N	N	NE	NE	NE	N	71	97.1	110.8	82.9	361.8	6	A.-Cu. S.-Cu. ENE	6	------ S.-Cu. ENE
15	N	NW	NE	NE	NE	NE	64.1	88.5	108.7	97.6	358.9	3	Ci. Cu. ENE	3	Ci. Cu. ENE
16	N	N	NE	NE	NE	N	68.2	87.8	133.6	84.7	374.3	3	Ci. Cu.	6	Ci.-S. Cu. ENE
17	N	N	NE	NE	NE	N	55.4	63.3	85.2	56	259.9	3	Ci.-S. Cu.	8	------ Cu.-N. ENE
18	N	N	N	NE	NE	NE	36.1	67.9	139	71.8	314.8	8	------ Cu.-N. ENE	7	------ Cu.-N. ENE
19	N	NE	N	N	NE	N	66.7	73.2	88.8	57.8	286.5	8	------ S.-Cu. NE	8	Ci.-S. Cu.-N. NE
20	N	N	NE	NE	N	N	70.5	110.4	114.3	87.4	382.6	7	Ci.-S. Cu.-N. NE	5	Ci.-S. Cu. NE
21	NE	N	NE	NE	N	E	59.9	60.4	90.4	52.2	262.9	7	------ S.-Cu. NE	8	------ Cu.-N. ENE
22	SW	SW	NE	SE	Calm	NW	70.3	31.8	83.7	49.2	235	7	Ci.-S. Cu. E	9	------ Cu.-N. ESE
23	Calm	W	Calm	NE	NE	Calm	32.9	25.3	82.6	40.2	181	3	Ci. Cu. SSE	6	Ci.-S. Cu. ESE
24	N	Calm	NE	S	NE	NE	39	51.7	61.5	50.7	202.9	5	Ci.-S. Cu.	5	Ci.-S. Cu. ENE
25	N	N	NE	NE	NE	NE	31.4	63.3	118.8	60.6	264.1	5	Ci.-S. Cu.	8	Ci.-S. Cu. NE
26	N	N	NE	NE	N	N	66	87.7	127.9	58.4	340	5	Ci.-S. Cu. NE	7	Ci.-S. Cu. NE
27	N	Calm	N	NE	N	N	48.9	81.8	101.6	62.4	294.7	6	Ci.-S. Cu. NE	7	Ci.-S. Cu. NE
28	N	N	NNE	N	N	Calm	72.7	81.3	91	58.6	303.6	5	------ S.-Cu. NE	7	A.-Cu. Cu. NNE
29	N	Calm	S	S	SE	N	46.7	64.1	61	48.2	220	7	------ S.-Cu. NE	8	------ Cu.-N. NNW
Mean	------	------	------	------	------	------	51.9	72	100.2	59.3	287.2	4.8	------ ------	5.8	------ ------

NOTE.—The pressure, temperature and relative humidity for February 1 to 3 are taken from a self-recording instrument.

[a] 26 days of observation.

CEBU.

[$\phi = 10°\ 18'$ N; $\lambda = 123°\ 54'$ E; barometer above sea, 9 meters; gravity correction not applied, —1.84 mm.]

MARCH, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.31	57.97	60.35	57.66	57.47	59.13	58.15	25	25.3	27.5	25.1	25.2	25.5	25.6	28	22.8	88	78	68	88	74	82	79.7	7.1
2	58.42	58.21	59.54	57.93	57.84	59.62	58.59	24.3	25	27.5	28.5	26.5	25.7	26.2	29.1	23	77	72	61	64	69	75	69.7	------
3	58.28	58.31	60.68	59.25	59.50	60.56	59.43	25	25	27.5	25.6	24.3	23.9	25.2	28.1	22.8	76	76	65	89	89	89	80.7	23.1
4	60.04	59.94	61.43	58.75	58.87	59.93	59.83	23.6	22.8	26	29.1	26	25.1	25.4	29.6	21.6	91	92	79	60	80	84	81	------
5	58.83	59.22	60.58	58.27	58.07	59	59	23.8	23.2	29.2	29	27.7	25.5	26.4	30.9	22.1	85	87	63	64	79	86	77.3	------
6	58.32	58.28	59.23	56.53	56.93	58.26	57.92	24.2	23.7	28.3	29.7	28.5	25.5	26.6	31.8	22.7	90	87	72	67	74	88	79.7	5.1
7	57.29	57.81	59.23	56.59	57.04	58.10	57.68	25.4	24.5	27.7	28.5	28.3	26	26.7	29.7	23.5	88	91	76	69	68	79	78.5	------
8	57.92	58.56	59.42	57.48	57.72	59.29	58.40	25.1	24.9	28.5	29	29	26.3	27.1	32	23.8	89	89	67	65	62	82	75.7	------
9	59.05	59.25	60.56	57.94	58.07	59.07	58.99	25.2	24	28.5	29.5	29	26.7	27.2	31.1	22.9	88	88	70	60	64	83	75.5	------
10	58.37	58.32	60.16	56.88	57.99	59.10	58.47	25.2	25	28.6	30.1	27.5	26.1	27.1	31	24	83	87	70	59	73	85	76.2	------
11	58.31	58.38	59.34	56.68	57.74	59.23	58.28	24.6	24.5	30	30	27.5	26.5	27.2	31	23	88	82	68	56	77	82	75.5	1.8
12	58.12	58.86	60.38	57.79	58.00	59.47	58.77	25.2	25.4	26.6	30.3	28.5	26.5	27.1	31.1	24.1	90	87	83	66	74	86	81	------
13	58.71	59.20	60.34	58.61	58.79	60.14	59.30	25.6	25.1	28.5	30	29	26.3	27.4	31.5	24	85	87	67	65	61	78	73.8	------
14	58.75	58.56	59.41	57.05	57.69	58.96	58.41	25.5	24.7	29	30.1	29	26	27.4	30.9	23.8	80	78	60	50	62	84	69	------
15	57.44	57.66	59.04	56.96	57.55	59.09	57.96	25.7	25.6	27.5	26.1	25.5	24.5	25.8	27.8	23.4	74	78	66	76	80	87	76.8	2.1
16	57.77	58.38	59.70	57.50	57.75	59.44	58.42	25.1	24.5	27.8	27.8	27.3	26	26.4	28.6	23.4	76	82	69	75	71	80	75.5	1
17	58.51	59.28	60.26	58.07	58.62	60	59.12	24.7	24	28	29.5	28	25.9	26.7	30.8	23.2	87	91	67	58	67	85	75.8	------
18	59.28	59.25	60.32	57.89	58.34	60	59.18	25	24	28	30	28	26.9	27	30.5	23	86	85	66	51	63	75	71	------
19	59.36	59.01	60.20	58.12	58.26	59.19	59.02	24	24.4	26	27.4	26.1	25.3	25.5	29	22.8	86	82	79	74	82	88	81.8	2
20	58.33	58.79	60.28	57.96	57.84	59.22	58.74	25	25	28	29.5	28.5	26.7	27.1	30.8	23.4	90	88	70	58	62	77	74.2	------
21	58.36	59.04	60.31	58.22	58.81	60.29	59.17	26.4	25.2	28.5	29.6	28.1	26.3	27.4	30.6	24.3	81	81	64	61	70	86	73.8	------
22	59.46	59.59	60.93	58.98	58.93	60.37	59.71	25.3	25.6	30.1	30	29	27.1	27.8	31.3	24.4	81	81	64	62	64	83	72.5	------
23	59.84	60.19	61.24	59.27	58.99	60.89	60.07	26	25.6	29	30	28.6	27.3	27.8	30.8	24.5	79	81	71	65	69	82	74.5	------
24	60.50	60.86	62.07	60.01	60.41	61.47	60.89	26.1	25.3	28.5	31	28.5	25.9	27.6	31.6	24.5	85	76	60	53	70	83	71.2	------
25	60.64	60.84	61.34	59.38	59.99	61.51	60.62	25.6	24.6	29.1	26.6	24	24.4	25.7	30	23	81	82	67	81	90	91	82	9.6
26	60.79	61.16	61.61	59.22	59.49	60.94	60.54	24	23.8	28	29.5	29	25.5	26.6	30.1	22.7	91	89	72	58	64	84	76.3	21.8
27	60.39	60.25	61.32	59.32	59.69	61.19	60.36	25.3	25	29.1	29.4	28.7	27.6	27.5	30.3	23.9	88	83	64	64	66	78	73.8	------
28	60.06	60.19	60.93	58.53	58.68	60.09	59.75	25.5	25	28.6	30.5	29	26.5	27.5	31.1	23.5	84	76	64	59	68	82	72.2	------
29	58.81	59.39	59.97	57.33	57.57	59.09	58.69	25.5	24.3	29	30.5	28.4	26.5	27.4	31.2	23	86	89	71	62	68	80	76	3.8
30	58.19	58.78	59.23	57.08	57.42	58.40	58.18	25.9	25.5	29	30.3	28.9	26.5	27.7	31	23.9	85	89	64	59	65	82	74	------
31	57.54	58.06	58.98	56.66	57.07	58.28	57.76	26.2	25.7	30.5	30.5	29	26.7	28.1	31.5	23.5	82	81	65	56	71	83	73	------
Mean	58.77	59.08	60.27	58	58.29	59.66	59.01	25.1	24.7	28.3	29.1	27.8	26	26.8	30.4	23.4	84.5	83.7	68.1	64.3	70.8	82.9	75.7	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	77.4

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Mid-night.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	N	N	N	N	N	NE	76.3	68.9	145.1	121.3	411.6	7	A.-Cu.	S.-Cu. N	9	----------	Cu.-N.NNW
2	N	NNE	NE	NE	N	N	97.6	196.4	177.9	123.1	595	3	Ci.	Cu. NNW	5	Ci.	Cu. NNE
3	N	N	NE	E	NE	NNE	87.7	115.9	80.4	114.5	398.5	7	----------	S.-Cu. NE	9	----------	Cu.-N.NE
4	N	N	NE	NE	NE	N	68	84.5	113	63.6	329.1	8	----------	Cu.-N. NE	7	Ci.-S.	Cu.
5	N	N	NE	NE	NE	NE	52.3	74.8	107.5	60.5	295.1	5	Ci.-S.	S.-Cu.ENE	4	Ci.	Cu. ENE
6	Calm	Calm	S	Calm	NE	N	32.4	56.3	65.2	83.7	237.6	2	----------	S.-Cu.	5	Ci.	Cu. NE
7	N	N	NE	NE	NE	N	47.7	33.5	105.6	49.4	236.2	3	Ci.	Cu. NE	3	Ci.	Cu. NE
8	Calm	Calm	NE	NE	N	N	18.8	47.7	111	45.1	222.6	3	Ci.	S.-Cu. NE	3	Ci.	Cu. NE
9	Calm	N	NE	NE	NE	NE	35.4	55.5	105.4	54.7	251	3	Ci.	Cu.	3	Ci.	Cu. NE
10	Calm	N	NE	NE	NE	NE	27.4	70.1	140.7	44.3	282.5	3	Ci.	Cu. NE	6	Ci.-S.	Cu. NE
11	Calm	N	NE	NE	N	N	35.9	71.2	148.6	78.9	334.6	2	Ci.	Cu. NE	7	----------	Cu. NE
12	N	N	N	NE	NE	N	61.4	92.2	116.4	74.8	344.8	4	Ci.	Cu.-N. ENE	4	Ci.	Cu. ENE
13	N	N	NE	NE	NE	N	59.9	84.2	140	84.4	368.5	4	Ci.-S.	Cu. ENE	3	Ci.	Cu. ENE
14	N	N	NE	NE	N	Calm	62.2	141.6	171	50.2	425	3	Ci.	Cu. ENE	6	Ci.-S.	Cu. ENE
15	N	N	NE	NNE	NNE	N	72.5	113.5	149.7	138.4	474.1	8	----------	Cu.-N. ENE	9	----------	Cu.-N.ENE
16	N	N	NE	NE	NE	NE	53.1	123.9	140	68	385	7	Ci.-S.	Cu.-N. ENE	7	Ci.-S.	Cu. ENE
17	N	N	NE	NE	N	NE	94.5	120.7	117.5	95.5	428.2	7	A.-Cu.	Cu.-N. ENE	4	A.-Cu.	Cu. ENE
18	N	N	N	NE	NE	N	61	126.5	127.7	84.2	399.4	6	----------	S.-Cu.ENE	4	Ci.-S.	Cu. ENE
19	N	N	NE	NE	N	N	75.6	137.4	119.3	66	398.3	5	----------	S.-Cu.ENE	8	----------	Cu.-N.ENE
20	N	NE	NE	NE	NE	N	64.4	107.8	109.4	103	334.6	4	Ci.	Cu. ENE	2	Ci.	Cu. ENE
21	N	N	NE	NE	E	N	65.2	94.9	108.7	81	349.8	3	Ci.	Cu. ENE	6	----------	S.-Cu.ENE
22	N	N	NE	NE	NE	N	66.3	99.9	135	76.4	377.6	6	A.-Cu.	S.-Cu.ENE	3	Ci.-S.	Cu. ENE
23	N	N	NE	NE	NE	NE	57.8	108.6	133.6	100.3	400.3	5	----------	S.-Cu.ENE	3	Ci.	Cu. ENE
24	NE	N	NE	NE	NE	NE	80.8	152.9	128.7	63.6	426	4	Ci.-S.	Cu. ENE	6	Ci.-S.	Cu. ENE
25	N	N	NE	N	NE	NE	68.4	135.2	168	83.1	454.7	5	Ci.-S.	Cu. ENE	4	Ci.-S.	Cu. ENE
26	N	N	NE	NE	NE	NE	65	130.6	162.4	94.3	452.3	9	----------	Cu.-N. ENE	6	A.-Cu.	Cu. ENE
27	NE	N	NE	NE	NE	NE	53.1	117.5	140	93.8	404.4	4	A.-Cu.	Cu. ENE	3	Ci.	Cu. ENE
28	N	N	NE	NE	NE	NE	60.7	103	126	63.5	353.2	3	Ci.	S.-Cu.ENE	3	Ci.	Cu. ENE
29	N	N	NE	NE	N	N	64.6	58.6	133.1	78.9	335.2	7	----------	Cu.-N. ENE	3	Ci.	Cu. ENE
30	N	NE	NE	NE	NE	N	61.2	100.6	124.4	69	355.2	7	----------	Cu.-N. ENE	3	Ci.	Cu. ENE
31	N	N	NE	NE	NE	N	54.3	76	114.1	54.1	298.5	8	----------	Cu.-N. ENE	3	Ci.	Cu. ENE
Mean	------	------	------	------	------	------	60.7	100	127.9	79.4	368	5	----------	----------	4.9	----------	----------
Total	------	------	------	------	------	------	------	------	------	------	11,408.9	----	----------	----------	----	----------	----------

CEBU.

[$\phi = 10^{\circ}$ 18′ N; $\lambda = 123^{\circ}$ 54′ E; barometer above sea, 9 meters; gravity correction not applied, −1.84 mm.]

APRIL, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.34	57.33	58.22	56.29	57.09	58.28	57.42	25.5	24.2	30	30.4	28.5	24.5	27.2	31	22.8	84	84	62	63	68	71	72	------
2	57.45	57.96	59.22	57.41	57.92	59.23	58.20	24.1	23.2	28	30.5	29	25.7	26.8	31.1	21.3	73	80	70	62	68	83	72.7	------
3	59.10	59.64	60.59	58.67	58.47	60.12	59.43	25	24.9	28	30.6	29.5	26.9	27.5	32.5	23.4	78	82	74	66	70	85	75.8	------
4	59.19	60.24	60.61	58.60	58.71	60.33	59.61	25.7	24.4	30.1	30.9	29.5	26.5	27.8	31.5	23.5	86	87	68	54	64	79	73	------
5	59.83	60.24	61.32	58.92	59.62	61.19	60.19	26	24.9	30.1	29.5	29.9	27.1	27.9	31	23.8	84	86	68	66	62	80	74.3	------
6	60.44	60.67	61.82	59.62	60.39	61.47	60.74	25.9	25.9	29.5	30	28	26.9	27.7	31	24.7	83	80	61	65	70	81	73.3	------
7	61.24	61.34	62.03	60.19	61.38	62.86	61.51	26	25.5	29.1	28.4	25.5	23.2	26.3	30	22	84	80	67	66	88	97	80.3	30.7
8	61.60	61.29	61.51	59.08	59.46	60.70	60.61	24.7	24.7	28.8	29.5	29.1	27.1	27.3	30.5	22.9	86	86	69	64	67	80	75.3	.8
9	60.23	60.44	61.03	59.48	59.38	60.65	60.20	26.1	24.4	28.6	27.6	26.5	25.9	26.5	29.8	23.4	86	87	70	80	84	85	82	4.6
10	59.89	60.15	61.17	59.06	59.18	60.24	59.95	25.1	25	27	30.5	29	27.7	27.4	31.1	23.8	90	90	69	62	64	72	74.5	.5
11	59.13	59.59	60.49	58.07	58.84	60.04	59.36	25.6	25.5	28.5	29.4	26.5	25.9	26.9	30	24	84	83	67	59	80	81	75.7	2.3
12	59.33	59.49	60.56	58.70	59.14	60.52	59.62	25.2	25	28.5	31	29	28	27.8	31.8	23.9	86	87	71	62	68	77	75.2	------
13	59.59	59.71	60.59	58.46	59.03	60.45	59.64	25.8	25.2	29	31	29.2	26.8	27.8	31.6	24	83	80	64	56	66	78	71.2	------
14	59.34	59.55	60.76	58.25	58.33	59.84	59.35	25.7	26	29.4	31.2	30	27.2	28.2	31.8	24.5	84	83	62	54	59	78	70	------
15	58.58	58.30	59.08	56.93	57.89	58.94	58.29	25.9	26	29.3	31	29.5	27.5	28.2	31.9	24.3	85	76	60	53	68	77	69.8	------
16	57.79	57.36	58.09	55.88	56.54	57.37	57.17	26.9	26	30.5	30	27.5	27.5	28.1	31.2	25	83	90	65	69	81	78	77.7	.8
17	55.70	55.44	56.39	54.51	55.76	56.65	55.74	27.4	27.7	29.5	31	26.6	26.9	28.2	32	23.8	84	72	68	56	80	79	73.2	31.7
18	55.43	56.09	56.73	54.87	55.26	56.70	55.85	26.8	26.3	28.5	29.4	29	27.7	28	30	25.3	81	80	78	75	77	90	80.2	1.3
19	55.96	56.29	57.42	55.90	56.27	57.56	56.57	26.6	26	28.7	26.5	28	26.4	27	30	24.8	90	90	77	80	80	90	84.5	1
20	56.39	56.86	57.47	55.39	55.83	56.86	56.47	25.9	25.4	29.8	28.7	28	26.3	27.4	30.7	24.4	88	87	69	73	80	90	81.2	2.8
21	56.26	56.74	57.57	55.73	55.92	57.09	56.55	25.4	25	29.3	30.5	29	25.6	27.5	31.2	23.2	88	88	72	62	73	87	78.3	8.6
22	56.70	56.92	57.76	55.96	56.42	57.29	56.84	25.5	25.1	29.5	29.4	27.5	26	27.2	31	24	88	87	73	71	81	90	81.7	------
23	56.37	56.61	57.57	55.57	55.36	57.23	56.45	25.6	24.6	30.5	30.1	29.5	27	27.9	32.5	23.6	81	87	66	68	75	84	76.8	------
24	56.66	57.17	57.49	55.46	55.99	57.24	56.67	26.4	26	30	31	29.2	27	28.3	32.2	24.7	81	84	69	58	68	83	73.8	------
25	56.61	57.34	58.26	56.12	56.53	58.14	57.18	26.1	25.6	29	30.5	29.8	27	28	31.8	24.8	87	81	76	62	63	79	74.7	------
26	57.22	58.14	58.87	56.83	58.62	59.25	58.16	26.3	26	30	30.5	27	26.7	27.8	31.6	25	86	86	67	64	86	88	79.5	.5
27	57.59	58.03	59.31	57.87	58.26	59.74	58.47	25.5	25.4	30	26.5	27	25.5	26.6	32.8	23.9	86	86	68	80	77	85	80.3	.5
28	58.40	58.26	59.27	56.76	57.48	58.64	58.14	25.7	25.2	29.4	31	29	27	27.9	31.5	24.2	84	84	68	55	65	84	73.3	15.5
29	57.53	58.38	59.02	57.34	57.47	58.50	58.15	24.7	23	26	29.5	28.5	26	26.3	30.6	21.4	86	90	78	70	71	88	80.5	.8
30	57.71	58.17	59.15	57.36	57.79	58.94	53.19	25.4	25.8	29.5	31.3	29.1	26.4	27.9	32.1	24.2	84	83	68	49	70	83	72.8	------
Mean	58.16	58.46	59.33	57.31	57.81	59.07	58.23	25.8	25.3	29.1	29.9	28.4	26.5	27.5	31.3	23.8	84.4	84.2	68.8	64.1	72.4	82.7	76.1	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	102.4

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	N	Calm	NE	S	NE	NE	51.4	58.4	68.7	40.2	218.7	7	Ci.-S.	Cu. ENE	7	Ci.-S.	Cu. NW
2	NE	N	S	SE	NE	N	41.8	47.5	65.6	42.4	197.3	3	Ci.-S.	S.-Cu.	5	Ci.	Cu. NW
3	N	Calm	S	S	E	NE	40.1	57.6	67.2	57.5	222.4	4	Ci.	Cu. ENE	4	Ci.	Cu. NE
4	Calm	NE	NE	NE	NE	NE	23.6	124.6	164.8	40.7	353.7	4	Ci.	Cu.	3	Ci.	Cu. NE
5	Calm	N	NE	NE	NE	Calm	33	99.8	129	46.7	308.5	4	Ci.	Cu. NE	3	Ci.	Cu.
6	N	N	NE	NE	N	N	71.6	137.3	150.5	83.7	443.1	3	Ci.	S.-Cu. ENE	3	Ci.	Cu. ENE
7	N	N	NE	NE	NE	NE	60.7	122.8	127.1	71.6	382.2	7	Ci.-S.	Cu.-N. NE	8	----------	cu.-N. NE
8	N	N	NE	NE	NE	NE	94.7	138.4	108.4	87.8	429.3	3	Ci.	Cu. ENE	3	Ci.	Cu. ENE
9	N	N	NE	SE	N	N	75.9	119.9	82.9	90.1	368.8	3	Ci.	S.-Cu. ENE	8	----------	cu.-N. ENE
10	N	N	NNE	NE	NE	NE	78.9	96.6	104.6	127.1	407.2	3	Ci.	Cu. ENE	3	Ci.	Cu. ENE
11	N	NE	NE	NE	N	N	62.5	93.7	147.3	85.8	389.3	6	----------	S.-Cu. ENE	7	----------	S.-Cu. ENE
12	N	N	NE	NE	NE	NE	68.4	106.4	120.1	136.8	431.7	7	----------	cu.-N. ENE	3	Ci.	Cu. ENE
13	N	N	NE	NE	NE	N	84	110	117.3	70.6	381.9	2	Ci.	Cu. ENE	4	Ci.	Cu. ENE
14	N	N	NE	NE	NE	N	67.6	83.1	111	70.8	332.5	3	Ci.	Cu. ENE	3	Ci.	Cu. ENE
15	N	N	NE	NE	NE	N	74	127.1	113.8	63	377.9	4	Ci.	S.-Cu. ENE	6	Ci.-S.	Cu. ENE
16	N	SW	NE	SW	NE	Calm	70.5	86	107.8	37	301.3	6	Ci.-S.	Cu. ENE	8	Ci.-S.	cu.-N. NNE
17	Calm	SW	SW	SW	NW	SW	42.6	152.9	107.7	53.3	356.5	7	Ci.-S.	cu.-N. NNW	8	Ci.-S.	Cu. WNW
18	SW	SW	S	S	SW	Calm	72.7	103.5	144.8	32.2	353.2	7	Ci.-S.	s.-cu. WSW	7	----------	Cu. SW
19	Calm	Calm	S	NW	S	NE	26.4	54.1	55.5	35.6	171.6	3	Ci.	Cu. SW	8	----------	Cu.-N. W
20	Calm	Calm	S	N	NE	Calm	17.1	44.8	45.1	29	136	7	----------	S.-Cu. NW	6	Ci.-S.	Cu.
21	Calm	NW	S	SE	N	Calm	37	70.8	64.1	57.5	229.4	3	Ci.	Cu.	7	Ci.-S.	Cu.-N. W
22	W	Calm	S	NE	NE	NW	27.1	31.8	66.7	38	163.6	3	Ci.	Cu.	4	Ci.	Cu. W
23	Calm	N	NE	S	Calm	W	28.2	33	57.1	36.2	154.5	3	Ci.	Cu.	4	Ci.	Cu.
24	NW	NW	NE	NE	N	Calm	38.6	37	95	40.2	210.8	3	Ci.	Cu. ENE	3	Ci.	Cu.
25	N	N	S	NE	NE	N	41.8	32.2	114.3	58.9	247.2	3	Ci.	Cu. ENE	3	Ci.	Cu.
26	NW	NW	SE	SE	NE	Calm	58.6	61.2	107.8	31.6	259.2	3	Ci.	Cu. ENE	5	Ci.	Cu. ENE
27	Calm	Calm	Calm	N	N	N	30.5	49.1	88.5	53.9	222	7	Ci.-S.	Cu.	8	----------	Cu.N. NE
28	NW	NW	NE	N	N	N	53.6	58.2	73.2	38.5	223.5	6	Ci.-S.	S.-Cu.	6	Ci.-S.	Cu.
29	NW	NE	Calm	SE	NE	NE	62.8	27.6	36.2	37.1	163.7	9	----------	cu.-N. ENE	7	Ci.-S.	cu.-N. ENE
30	NE	Calm	NE	NE	NE	Calm	23.9	94.1	138.1	34.3	290.4	4	A.-Cu.	Cu. ENE	5	Ci.-S.	Cu. ENE
Mean	------	------	------	------	------	------	52	82	99.3	57.6	290.9	4.6	----------	----------	5.3	----------	----------
Total	------	------	------	------	------	------	------	------	------	------	8,727.4	----	----------	----------	----	----------	----------

CEBU.

[ϕ=10° 18′ N; λ=123° 54′ E; barometer above sea, 9 meters; gravity correction not applied, —1.84 mm.]

MAY, 1916.

Day.	Atmospheric pressure, 700 mm.							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.99	58.21	59.07	56.79	57.53	58.19	57.96	25.8	25.5	29.5	30	28	27	27.6	31	24.3	84	80	66	67	82	84	77.2	1.8
2	57.07	57.30	58.93	56.76	55.43	56.43	56.99	26.1	26	25.5	24.4	25.5	24	25.2	26.6	22.4	83	86	91	87	80	90	86.2	26.5
3	55.86	55.30	56.21	54.38	55.03	56.07	55.48	23.6	25	26.8	29	28	26	26.4	30.5	22.4	94	88	78	74	81	89	84	9.4
4	55.56	56.01	57.25	55.99	56.64	57.77	56.64	25.6	25	27.3	28.3	27.5	25.9	26.6	28.6	24.2	84	88	85	79	84	88	84.7	17.2
5	57.06	56.92	57.62	56.55	56.76	58.06	57.16	25	25	25.4	27	26	25.5	25.6	27.4	23.2	92	92	88	80	84	84	86.7	3.3
6	57.81	57.72	57.94	55.46	56.50	57.50	57.16	24	24	27.5	29.5	28	26.1	26.5	31	22.9	88	90	77	70	81	89	82.5	------
7	56.81	57.26	57.97	56.29	57.24	58.34	57.32	25	25	29.6	30.5	28.6	27.1	27.6	31	24	91	90	69	65	77	82	79	------
8	58.12	58.78	59.44	57.62	58.46	59.44	58.64	26.4	25.2	28.9	29.1	28.1	26.2	27.3	30.5	23.9	82	87	69	67	65	82	75.3	------
9	58.89	59.25	60.37	58.89	59.02	60	59.40	25.6	26.8	28.1	27.9	28	25.7	27	29	24.1	87	79	73	71	73	81	77.3	------
10	58.93	59.44	60.04	57.97	58.03	59.37	58.96	25.1	25.5	28	30.5	28.5	26.5	27.4	31.2	23.7	84	86	74	65	67	86	77	3.8
11	58.39	59.18	59.49	56.86	57.16	58.67	58.29	25.2	25.5	28.5	31	29.4	26.7	27.7	31.5	23.7	89	83	74	56	74	86	77	------
12	58.06	58.47	59.52	57.59	58.02	59.17	58.47	26	26	28.8	28.4	28.5	26.1	27.3	30	24.1	90	89	73	80	80	89	83.5	19.6
13	58.16	58.44	58.99	56.39	57.29	58.52	57.96	25.3	25	29.5	30.5	29.5	26	27.6	31	23.6	89	90	75	59	77	85	79.2	1.5
14	57.42	58.29	58.33	55.94	56.48	57.51	57.33	25.4	25.3	28.2	29.5	27.7	26.2	27	30.6	24	88	88	74	68	76	88	80.3	------
15	57.01	57.12	58.01	55.33	56.21	57.87	57.01	25.5	25.7	29.3	30	29	27.1	27.8	31	24.3	88	86	67	65	71	83	76.7	------
16	57.35	58.47	59.82	57.69	58.56	59.62	58.58	26.3	26	31.5	31	30	27.9	28.8	32.3	25.4	86	84	59	53	62	74	69.7	------
17	58.57	59.37	60.16	58.10	58.72	59.84	59.13	26.5	26	29.2	30.8	29.2	28.2	28.3	31.6	25	86	86	75	59	70	80	76	------
18	58.28	58.92	59.48	56.85	57.38	58.33	58.21	26.9	26	29	30	28.5	27	27.9	32.7	25	77	80	73	65	70	84	74.8	------
19	57.63	58.09	58.89	56.87	57.16	58.59	57.87	26.9	25.4	29.4	30	29	26.7	27.9	31.8	24.5	85	84	71	65	69	83	76.2	------
20	57.65	58.02	59.10	57.01	57.33	58.68	57.96	25.9	25.8	30	31	30	27.1	28.3	32.1	24.5	78	81	69	59	62	78	71.2	------
21	57.86	58.33	58.77	56.74	56.89	57.39	57.66	26.6	26.5	29.8	31	29.4	27.2	28.4	33	24.9	84	80	67	53	71	81	72.7	------
22	57.38	57.80	58.18	56.06	57.37	57.94	57.46	26.9	26.8	30	32	29.6	27.2	28.8	32.5	24.8	83	82	69	52	68	78	72	------
23	57.29	57.41	58.03	56.27	56.89	57.59	57.25	26	25.7	30	30.3	29.2	27.2	28.1	32	24.5	82	82	62	57	70	84	72.8	------
24	56.84	57.41	58.01	56.19	56.51	57.65	57.10	26.9	26.2	32	31.5	29	27.5	28.8	33.1	25.5	85	88	59	57	71	76	72.7	------
25	56.91	57.19	57.62	55.82	56.49	56.89	56.82	26.8	26	32	32	29.7	28.5	29.2	34	24.7	78	82	57	57	70	74	69.7	------
26	55.45	55.58	56.85	55.74	56.44	57.78	56.31	26.9	26.2	25.4	26.5	27	26.7	26.4	28.1	24.1?	84	89	93	88	84	86	87.3	36.9
27	57.06	57.17	57.67	55.39	55.89	57.81	56.75	25	25	28.5	30	29.3	26.6	27.4	32	24.2	90	90	75	68	72	86	80.2	.8
28	56.19	56.86	57.72	55.83	56.59	57.29	56.75	25.9	25.7	28.9	30.5	29	27	27.8	31	24.3	82	88	76	68	74	84	78.7	------
29	56.62	56.64	57.57	55.89	56.59	57.40	56.78	26.1	25.9	29	30.5	29	26.7	27.9	32.6	24.5	87	88	76	65	74	85	79.2	2.1
30	56.54	57.51	58.77	56.93	57.23	58.32	57.55	25.8	25.6	25	27.5	27.5	25.7	26.2	30.5	22.3	87	82	92	81	83	90	85.8	64.8
31	57.35	57.66	58.48	57.13	57.77	58.34	57.79	25	24.8	29	29	29	26.8	27.3	31.5	23.5	86	87	74	68	74	86	79.2	------
Mean	57.36	57.75	58.55	56.57	57.08	58.12	57.57	25.8	25.6	28.7	29.7	28.5	26.6	27.5	31	24.1	85.6	85.6	73.5	66.7	74.1	83.7	78.2	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	187.7

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0-10*			*0-10*		
1	N	N	NE	NE	Calm	Calm	56.7	94.7	97.2	17.7	266.3	4	Ci.-S.	Cu. ENE	7	Ci.-S.	Cu. NE
2	N	Calm	NE	SW	SE	SW	42.1	31.4	76.1	170.6	320.2	10	----------	N.	9	----------	Cu.-N. N
3	SW	SW	SW	SW	SW	SW	118.8	158.5	130.5	137.6	595.4	9	----------	cu.-N.WNW	8	----------	Cu.-N.WNW
4	SE	Calm	S	S	SW	Calm	76.9	46.6	87.7	45.1	256.3	8	----------	Cu.-N. SE	7	Ci.-S.	Cu.-N. S
5	Calm	SW	SW	SW	SW	N	41.5	104.9	67.9	73.9	288.2	9	----------	Cu-N. S	8	----------	Cu.-N.
6	NW	W	SE	NE	NE	Calm	41.3	41	85.3	35.9	203.5	8	Ci.	Cu.	4	Ci.	Cu. SSW
7	N	Calm	SE	S	S	S	38.6	35.8	79.7	106.2	260.3	2	Ci.	Cu.	4	Ci.	Cu.
8	SW	NW	SE	SW	S	W	55.5	35.1	141.9	38.8	271.3	7	----------	S.-Cu. ENE	6	Ci.-S.	Cu. WSW
9	Calm	S	SE	E	Calm	N	38.5	57.1	51.9	48.8	196.3	7	----------	Cu.-N. SE	6	Ci.-S.	Cu.-N.
10	N	N	SW	E	Calm	SW	46.3	73.8	35.3	35.9	191.3	4	----------	Cu. S	7	----------	S.-Cu.
11	W	W	S	S	Calm	W	29.8	38.2	54.1	29.6	151.7	8	Ci.	Cu.	4	Ci.	Cu. ENE
12	NW	Calm	SW	Calm	SW	NW	24.7	76.1	62.7	39.3	202.8	6	Ci.-S.	Cu.-N.	7	Ci.-S.	Cu.-N.
13	Calm	Calm	S	S	Calm	NE	25.3	56.8	41.2	39.3	162.6	5	Ci.-S.	Cu.	5	Ci.-S.	Cu.
14	N	Calm	NE	NE	N	N	33	53.6	97.4	47.9	231.9	7	Ci.-S.	Cu.-N. E	4	A.-Cu.	Cu. NNE
15	NW	NW	NE	NE	N	N	53.1	45.1	108.9	57.6	264.7	8	Ci.	Cu. ENE	6	A.-Cu.	Cu. ENE
16	N	N	E	NE	NE	N	60.9	65.5	106.5	56	288.9	8	Ci.	Cu.	4	Ci.	Cu.
17	N	Calm	SE	NE	NE	NE	46.7	49.9	140.8	77.2	314.6	8	Ci.	Cu. ENE	4	Ci.	Cu. ENE
18	SE	N	NE	NE	NE	Calm	53.7	93.3	128.1	30.8	305.9	8	Ci.	S.-Cu. ENE	6	Ci.-S.	Cu.
19	N	N	Calm	NE	NE	NE	35.9	50.5	81.7	29	197.1	8	Ci.	Cu. ENE	4	Ci.-S.	Cu.
20	N	NW	NE	N	NE	N	43.5	51.5	87.7	61.7	244.4	8	Ci.	Cu. E	3	Ci.	Cu. E
21	NE	Calm	S	NE	NE	N	46.7	29.3	106.2	56.3	238.5	8	Ci.	Cu. ENE	4	Ci.-S.	Cu.
22	Calm	Calm	SE	NE	NE	NW	27.4	31.3	111.9	85.8	256.4	4	Ci.-S.	Cu. ENE	6	Ci.-S.	Cu.
23	NW	Calm	NE	NE	NE	N	------	------	------	------	------	8	Ci.	Cu. ENE	7	Ci.-S.	Cu.
24	Calm	Calm	NE	NE	N	N	------	------	------	------	------	4	Ci.-S.	Cu. ENE	3	Ci.	Cu. ENE
25	Calm	Calm	NE	NE	N	NW	------	------	104.6	41.5	------	8	Ci.	Cu. ENE	3	Ci.	Cu.
26	Calm	NW	SW	SW	Calm	SE	28.2	122.8	75.2	88.5	314.7	8	----------	cu.-N. NNE	9	----------	Cu.-N.SW
27	Calm	N	Calm	S	S	S	45.1	26.9	41	30.9	143.9	7	----------	Cu.-N. SW	5	Ci.-S.	Cu. S
28	NW	NW	S	S	Calm	SW	42	36.2	45.1	29.5	152.8	7	Ci.-S.	Cu.-N. E	7	Ci.-S.	Cu.
29	NW	NW	E	Calm	SW	W	46.3	42.3	53.5	50.4	192.5	8	Ci.	Cu. E	5	Ci.-S.	Cu.-N.
30	Calm	W	S	Calm	S	SW	30.3	43.1	29.5	38	140.9	5	Ci.	Cu.	7	Ci.-S.	Cu.-N.
31	W	W	S	NW	S	SW	38.8	30.9	57	52.3	179	5	Ci.	Cu.	6	Ci.-S.	Cu. E
Mean	------	------	------	------	------	------	45.3	57.9	84	57	244	5	----------	----------	5.6	----------	----------

CEBU.

[$\phi = 10°\ 18'$ N; $\lambda = 123°\ 54'$ E; barometer above sea, 9 meters; gravity correction not applied, —1.84 mm.]

JUNE, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.42	57.54	58.28	56.59	56.98	57.95	57.46	25.2	24.9	29.4	27	28.5	26.7	27	31.5	23.7	87	86	74	80	70	83	80	------
2	57.10	56.71	57.72	55.43	55.84	56.87	56.61	25	25.3	29	31	29	27	27.7	31.5	23.5	83	77	73	62	74	84	75.5	------
3	56.26	56.86	57.59	56.07	56.32	57.52	56.77	26	25.1	30	30.5	29.5	26.9	28	31.3	24	86	83	68	65	71	85	76.3	------
4	56.90	56.86	57.25	55.84	56.38	57.53	56.79	26	25.8	29.9	30.8	28.9	27.7	28.2	31.7	24.7	82	84	69	59	71	78	73.8	9.4
5	57.20	57.31	57.47	55.68	56.07	56.96	56.78	26.1	25.8	28.5	30.5	29.3	26	27.7	31.6	24	88	85	74	68	72	89	79.3	8.1
6	56.04	55.96	56.92	55.19	55.66	56.45	56.04	26	25.2	28.4	29.5	28.6	25.6	27.2	31	24.1	87	86	77	71	75	87	80.5	------
7	56.07	56.30	57.13	54.92	55.47	56.33	56.04	25.6	25.6	30.3	30.5	29.9	27.3	28.2	32.8	24.4	87	85	68	60	69	82	75.2	------
8	55.35	55.46	56.28	54.44	55.19	56.21	55.49	26.5	26.6	29.9	28.6	28	26.5	27.7	31.8	24.7	86	84	68	73	81	88	80	9.1
9	56	55.68	56.50	54.84	55.84	56.73	55.93	26.1	24.2	29	30.2	29	26.2	27.4	31	23.3	87	90	74	66	74	90	80.2	4.3
10	55.64	55.54	56.86	54.85	55.68	56.26	55.80	25.9	26.2	29.5	31.3	29.5	27.9	28.4	31.8	24.5	86	85	65	61	70	81	74.7	4.3
11	55.23	56.08	56.74	54.49	54.99	56.17	55.62	27	26.2	29.3	29.2	29	27	28	30.5	24.4	78	85	76	73	74	77	77.2	------
12	55.18	55.34	55.54	53.94	54.74	55.33	55.01	26.5	26.6	29	29.9	28.5	28.3	28.1	30.2	25.5	80	80	74	67	77	78	76	------
13	54.23	54.80	54.66	53.88	54.78	55.92	54.71	27.2	27.2	28.9	30	29.2	28	28.4	30.3	26.2	78	77	71	68	76	80	75	------
14	55.43	55.81	56.76	55.39	55.98	57.07	56.07	27.5	26	29.5	29.8	29	27.6	28.2	30.2	25	77	85	70	66	74	77	74.8	------
15	55.66	56.24	57.02	55.28	56.03	56.82	56.18	26.4	26.4	29.5	30.6	29.5	27.9	28.4	31.5	25.4	82	81	68	65	70	79	74.2	------
16	56.03	55.84	56.67	54.81	55.18	56.44	55.83	27.6	26.5	29.3	30.7	29.5	28.7	28.7	30.9	25.6	73	75	74	69	71	73	72.5	------
17	55.78	55.93	56.73	54.45	55.39	56.46	55.79	27	27	30	32.9	28.5	27	28.7	33.5	24	73	71	62	58	74	77	69.2	22.8
18	56.11	56.64	57.28	55.97	56.94	58.16	56.85	23.4	25.8	26.9	28.3	24.5	24	25.5	29	22	88	91	82	79	89	91	86.7	38.4
19	57.52	57.36	58.24	57.02	57.02	58.41	57.60	24.2	24	28	29	28.1	26.9	26.7	30	22.5	86	88	74	64	70	77	76.5	------
20	57.66	57.94	58.23	56.97	57.12	57.94	57.64	26.5	26.3	28.4	29.1	28.3	27	27.6	29.5	25	73	74	71	65	78	86	74.5	2
21	57.09	57.39	57.72	55.97	57.39	58.85	57.40	26.3	26.4	29.3	30.4	26	23.8	27	31.2	22.6	82	76	66	66	87	90	77.8	42.9
22	58.46	58.30	58.72	57.02	58.29	60.08	58.48	24	25.5	28	29.4	25.9	23.5	26	30.6	22.5	85	85	80	68	77	89	80.7	9.7
23	58.67	58.66	59.27	58.01	58.29	59.29	58.70	23.4	24.5	29	29.3	28.6	26.3	26.8	31.1	22.4	88	87	71	69	72	83	78.3	------
24	58.60	58.80	59.77	57.98	58.78	60.02	58.99	25.3	25	31	31.5	30	26.9	28.3	32.5	23.7	84	83	65	60	65	81	73	------
25	59.19	59.97	60.30	58.60	59.06	60.21	59.56	26	25.5	30.4	31	29.5	26.9	28.2	32.3	24.6	85	87	66	53	70	76	72.8	------
26	59.75	59.47	60.14	58.15	58.87	59.94	59.39	26	26	29	30.3	29	27.3	27.9	31.2	24.8	84	84	71	63	76	87	77.5	38.6
27	59.06	59.47	59.99	58.09	58.33	59.82	59.13	23.5	25.2	28.4	28.3	28	26.7	26.7	29.4	23	89	88	75	77	77	83	81.5	1.8
28	58.80	59.48	59.89	58.28	59.09	60.19	59.29	26	24.2	30	28	26	25	26.5	30.8	24	82	88	68	79	82	90	81.5	2
29	59.05	59.21	60.13	58.17	58.53	60.33	59.24	25.1	24.5	27.5	28	26.9	24.6	26.1	29.5	23.3	88	87	77	77	81	88	83	11.2
30	59.73	59.34	59.38	57.63	58.36	59.87	59.05	24	24.6	27.1	29.3	28.2	25.6	26.5	29.7	23.5	90	85	76	63	80	83	79.5	------
Mean	57.04	57.21	57.84	56.13	56.75	57.87	57.14	25.7	25.6	29.1	29.8	28.4	26.6	27.5	31	24	83.5	83.4	71.6	67.1	74.9	83.1	77.3	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	204.6

Day.	Wind.										Clouds.				
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.		2 p. m.	
												Amount.	Form and direction.	Amount.	Form and direction.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper. Lower.		Upper. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10.*		*0–10.*	
1	NW	Calm	SE	N	Calm	NW	31.4	36.1	62.2	34.8	164.5	4	Ci.-S. Cu.	7	Ci.-S. Cu.-N.
2	NW	NW	SE	SE	SE	SW	41.2	29	48.5	34.1	152.8	3	Ci. Cu.	4	Ci.-S. Cu.
3	SW	NW	SE	S	S	W	34.6	32.7	54.4	36.1	157.8	3	Ci. Cu.	5	Ci. Cu. NE
4	W	W	S	S	Calm	SW	41	42.5	46.3	32.4	162.2	3	Ci. Cu. E	6	Ci.-S. Cu.
5	SW	SW	SE	S	Calm	SW	90.1	42.1	42.1	43.5	217.8	7	Ci.-S. Cu.-N. ENE	3	Ci.-S. Cu. ENE
6	SW	W	E	S	SE	NW	43.8	35.8	47.7	57.5	184.8	2	Ci. Cu. ENE	7	Ci.-S. cu.-N. ENE
7	N	N	NE	N	E	NW	46.3	50.8	66	42.1	205.2	3	Ci. Cu. ENE	4	Ci. Cu,
8	NW	N	Calm	SE	Calm	SE	39.4	59.5	45.3	41.8	186	6	Ci.-S. Cu.-N. ENE	7	Ci.-S. cu.-N. ENE
9	SW	NW	E	S	E	NW	77.2	39.3	41	49.9	207.4	8	Ci.-S. Cu.-N. ENE	7	Ci.-S. Cu.
10	W	SW	S	S	SE	W	54.6	43.9	86.9	40	225.4	8	Ci. Cu.	6	Ci.-S. Cu.
11	SW	SW	S	SW	SW	W	68.4	73.2	127.6	91.7	360.9	4	Ci. Cu. SSW	7	Ci.-S. Cu, SSW
12	W	W	SW	SW	SW	S	55	143.2	222.1	151	571.3	7	Ci.-S. Cu. SSW	5	Ci.-S. Cu. SSW
13	SW	SW	S	S	SW	SW	83.6	108.3	167.4	64.4	423.7	7	Ci.-S. Cu. S	6	Ci.-S. Cu, SSW
14	SW	Calm	S	S	SW	S	45.9	103	152.1	53.6	354.6	7	Ci.-S. Cu. SSW	7	Ci.-S. Cu. SSW
15	S	S	S	SW	SW	SW	49.9	115.5	180.9	75	421.3	3	A.-Cu. Cu. SW	4	Ci.-S. Cu. SW
16	SW	SW	S	S	SW	SW	71.1	139.7	171.4	67.2	449.4	4	Ci. Cu. SW	3	Ci. Cu.
17	SW	SW	S	E	SW	Calm	46.4	54.7	71.8	46.6	219.5	3	Ci. Cu.	7	Ci.-S. Cu. SW
18	N	S	S	S	SW	SW	48.5	73	117.5	78.9	317.9	9	---------- N. WSW	7	---------- Cu.-N. NE
19	SW	NW	SW	S	SW	SW	96.6	46.7	99.2	55.4	297.9	7	Ci.-S. S.-Cu.	7	Ci.-S. Cu. SW
20	SW	SW	S	S	SW	SW	57.9	97.6	151.9	101.4	408.8	7	Ci.-S. S.-Cu. SW	7	A.-Cu. Cu. SW
21	SW	SW	S	S	SW	W	62.8	112.7	126.3	38.1	339.9	3	A.-Cu. Cu.	4	Ci.-S. Cu. WSW
22	Calm	SW	Calm	S	NW	N	33.5	39.4	89.5	58.4	220.8	7	Ci.-S. Cu. SSW	6	Ci.-S. Cu. SW
23	NW	W	Calm	NE	N	NW	48.5	29.8	74.8	39.4	192.5	5	A.-Cu. Cu. SW	6	Ci.-S. Cu. ENE
24	NW	Calm	NE	NE	NE	N	37	78.1	85.5	47.9	248.5	2	Ci. Cu.	3	Ci. Cu. ENE
25	W	W	E	NE	NE	N	35	40.7	90.7	40	206.4	3	Ci. Cu. ENE	4	Ci. Cu.
26	Calm	N	S	S	S	SW	33.6	47.3	66.5	54.4	201.8	3	Ci. Cu. ENE	3	Ci.-S. Cu.
27	W	W	SW	SW	SW	SW	57.1	111.8	131.4	64.3	364.6	7	Ci.-S. Cu. SW	7	Ci.-S. cu.-N. SW
28	SW	N	NE	SE	S	SW	61.5	35.9	61.7	65.6	224.7	6	Ci.-S. S.-Cu.	7	---------- cu.-N. ENE
29	SW	Calm	NE	NE	W	SW	73.4	45	73.2	103	294.6	7	Ci.-S. Cu. ENE	7	---------- Cu.-N. NE
30	SW	SW	S	S	Calm	N	125.2	51.4	66.5	47.3	290.4	7	Ci.-S. Cu.	4	Ci.-S. Cu. SW
Mean	------	------	------	------	------	------	56.4	65.3	95.6	58.5	275.8	5	---------- ----------	5.6	---------- ----------
Total	------	------	------	------	------	------	------	------	------	------	8,273.4	----	---------- ----------	----	---------- ----------

NOTE.—The rainfall on June 18th in our "Monthly Bulletin" must be 38.4 mm. instead of 28.4 mm., and the total rainfall must be 204.6 mm. instead of 194.6 mm.

CEBU.

[$\phi = 10°\ 18'$ N; $\lambda = 123°\ 54'$ E; barometer above sea, 9 meters; gravity correction not applied, —1.84 mm.]

JULY, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.44	58.18	58.52	57.29	57.18	58.58	58.03	25.2	24.6	28.5	25	28	25.6	26.2	30	24	85	82	70	89	74	85	80.8	41.7
2	58.02	57.86	58.49	57.32	57.73	58.73	58.02	25.2	24.7	27.5	25.5	25	24.8	25.4	29.5	23.4	90	87	81	86	88	90	87	39.4
3	57.63	57.46	58.86	56.85	57.20	58.96	57.83	23.7	23.7	23.6	25.9	26	24.2	24.5	26.2	23	89	87	90	81	86	90	87.2	18.1
4	57.76	58.41	59.50	57.52	58.52	59.68	58.56	24.4	25.2	24	28	28	24.7	25.7	29.1	23.5	88	84	91	74	76	90	83.8	40.1
5	59.21	58.92	59.03	58.44	58.62	59.84	59.01	22.5	24	29.9	29	28	26.2	26.6	30.7	22.2	90	87	69	71	77	86	80	------
6	59.02	59.05	60.32	58.57	58.89	60.17	59.34	25.8	25	27.6	30.1	29	26.3	27.3	31.5	24.8	89	90	76	68	65	86	79	6.9
7	58.92	58.77	59.86	58.10	58.37	59.29	58.88	25.3	25.7	30.4	31	30	27	28.2	32.2	24.4	88	82	67	56	61	80	72.3	------
8	58.36	58.34	58.92	57.01	57.17	58.51	58.05	26.1	25.7	30.5	31	29.4	27	28.3	32	25.4	85	84	65	62	68	77	73.5	10.2
9	57.51	58.15	59.20	57.45	57.34	58.20	57.98	26.8	25.8	31.3	31	29.4	27	28.6	32.5	24.9	80	87	62	64	72	80	74.2	------
10	57.98	58.38	59.32	57.61	58.22	59.26	58.46	26.5	25.8	30	31.5	29	27.3	28.4	32.9	25	82	83	70	55	69	78	72.8	------
11	58.29	58.79	59.44	57.38	58.46	59.77	58.69	26.5	25.4	30.5	31	29.4	24.6	27.9	31.8	23.5	88	88	65	61	70	88	76.7	11.9
12	58.14	58.63	59.18	58.12	57.97	59.25	58.55	25.5	26.2	30	28	28	26.7	27.4	31	25	88	85	69	77	80	86	80.8	4.8
13	58.55	58.80	58.83	58.06	58.01	59.74	58.66	25.5	26	30	30.5	29.5	24	27.6	32	23.5	93	90	68	61	68	90	78.3	15.2
14	58.67	58.31	59.19	58.07	58.09	59.49	58.64	25	25.1	28.7	32.5	29.6	27	28	33	24.4	90	91	73	52	65	80	75.2	------
15	58.63	58.29	58.57	56.75	56.60	58.15	57.83	26.5	25.4	30.9	31	30	27.1	28.5	32.1	25.1	83	87	66	59	68	76	73.2	------
16	56.96	56.74	57.38	55.57	56.09	57.56	56.72	26.9	26.1	29.8	31.1	27.5	26.1	27.9	31.5	25.7	77	85	69	65	75	83	75.7	------
17	56.80	56.61	57.14	55.67	56.097	56.39	56.45	26	26.	29.5	30	28.5	26.8	27.8	30.8	25.5	83	85	75	68	74	82	77.8	34
18	56.21	57.35	58.19	56.72	57.27	57.74	57.25	25.2	24.3	27	29	28.1	26	26.6	29.7	24	88	89	77	71	77	89	81.8	------
19	56.79	57.06	58.36	56.13	56.44	57.17	56.99	25.3	25	29	31.3	29.5	26.9	27.8	33.1	24.5	85	88	68	64	61	77	73.8	------
20	56.55	56.74	57.54	56.14	56.98	57.80	56.96	25.9	25.5	30	32.2	29	27.1	28.3	33	24.9	85	85	71	59	74	83	76.2	------
21	56.60	56.79	57.60	55.95	57	57.36	56.88	26.3	26.7	30.3	30.9	28.4	26.8	28.2	31.9	25.2	-----	79	-----	63	-----	80	-----	------
22	56.50	56.59	57.15	56.37	56.50	57.10	56.70	26.1	26	29.2	29	29.5	27	27.8	30.5	24.8	-----	79	-----	74	-----	80	-----	------
23	56.25	56.30	56.65	54.77	55.80	57.64	56.24	26.6	26.9	29.4	31.2	29.8	28.1	28.7	31.4	25.9	-----	77	-----	62	-----	78	-----	------
24	56.60	56.54	56.75	55.37	55.85	57.98	56.52	27.3	27.5	30.2	31	29.8	28	29	32.2	26.2	-----	70	-----	63	-----	77	-----	------
25	57.20	57.64	58	56.25	56.45	58.39	57.32	27.4	27.2	29.7	31.2	29.6	28.5	28.9	31.9	26.5	-----	80	-----	61	-----	78	-----	------
26	57.50	57.45	57.60	56.13	55.90	57.93	57.08	26.9	26	29.3	30.2	29.7	28.2	28.4	31.6	25.3	-----	84	-----	68	-----	76	-----	.3
27	57.20	56.84	57.30	56.06	56.20	57.86	56.91	27.4	27.6	29.4	30.9	29.3	28.7	28.9	31.3	26.5	-----	70	-----	60	-----	75	-----	------
28	57.20	56.74	57.80	56.23	56.40	57.79	57.03	27.4	27	29.2	30.2	29.1	27.4	28.4	30.5	25.5	-----	80	-----	71	-----	78	-----	1.8
29	57.25	56.96	57.60	55.90	56	58.22	56.99	26.9	26.2	28.7	31.2	29.1	27.5	28.3	32.5	25.9	-----	76	-----	60	-----	86	-----	2
30	57.50	57.26	57.80	56.20	56.40	57.92	57.18	26.1	26.4	29.1	30.2	28.3	28	28	30.8	25	-----	81	-----	68	-----	79	-----	------
31	57.60	57.49	57.90	56.13	56.95	58.23	57.38	26.3	25.7	28.7	29	28.7	27.8	27.7	30.6	25.2	-----	88	-----	68	-----	79	-----	.5
Mean	57.61	57.66	58.32	56.78	57.12	58.41	57.65	26	25.8	29.1	30	28.8	26.7	27.7	31.3	24.8	86.3	83.5	72.1	66.5	72.4	82	78	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	226.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Mid-night.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	N	W	S	SW	SW	Calm	52	48.8	51	29.8	181.6	3	Ci.	Cu.	8	----------	N. NE
2	N	SW	N	N	SW	SW	41.8	41.5	64.4	76.4	224.1	7	Ci.-S.	S.-Cu. ENE	6	Ci.-S.	Cu.-N.
3	W	Calm	N	Calm	SW	W	28.7	41.3	37	29.5	136.5	6	Ci.-S.	Cu.-N. ENE	8	----------	Cu.-N.ENE
4	W	Calm	SW	S	S	SE	34.3	96.7	89.7	47.5	268.2	5	A.-Cu.	Cu. SSW	7	Ci.-S.	Cu. SSW
5	S	S	NE	S	Calm	SW	76.2	42.9	36.7	29.9	185.7	8	Ci.-S.	Cu. SW	7	A.-Cu.	Cu. SW
6	SW	NW	Calm	SE	Calm	NW	40.6	39.4	53.1	40.7	173.8	3	Ci.	Cu.	5	Ci.-S.	Cu. SSW
7	N	N	NE	NE	NE	N	41.3	69.2	88.5	55.5	254.5	3	Ci.	Cu.	3	Ci.	Cu. ENE
8	N	N	NE	NE	NE	N	46.6	54.1	88.2	58.6	247.5	3	Ci.	Cu. ENE	4	Ci.	Cu. ENE
9	Calm	N	E	NE	NNE	N	43.5	54.4	112.3	59.9	270.1	4	Ci.	Cu.-N. ENE	3	Ci.	Cu. ENE
10	N	N	Calm	NE	NE	N	46.7	34.6	109.4	53.6	244.3	2	Ci.	Cu. ENE	4	Ci.	Cu. ENE
11	NE	N	NE	NE	NE	NW	48.6	69.2	81.5	51	250.3	3	Ci.	Cu. ENE	5	Ci.-S.	Cu.
12	NW	E	Calm	SE	NE	N	41.8	48.6	51.7	50.1	192.2	7	----------	Cu.-N. ENE	7	Ci.-S.	Cu.-N.ENE
13	NW	N	NE	NE	NE	NW	38.6	49.6	100.1	53	241.3	4	Ci.	Cu.-N. ENE	6	Ci.-S.	Cu.-N.ENE
14	NE	N	Calm	NE	NE	N	33.2	27.4	58.1	50.7	169.4	7	Ci.-S.	S.-Cu.	5	A.-Cu.	Cu. SW
15	N	N	NE	NE	W	N	38.3	71.5	90.9	50.3	251	5	Ci.	Cu. ENE	5	Ci.	Cu. ENE
16	N	Calm	NE	NE	N	NW	47.3	104.4	124.9	38.2	314.8	7	Ci.-S.	Cu. ENE	7	Ci.-S.	Cu. ENE
17	NW	Calm	NE	NE	NE	N	38	69.4	103.3	50.4	261.1	8	Ci.-S.	Cu.-N. ENE	6	Ci.-S.	Cu. ENE
18	NW	N	SW	S	Calm	N	76.4	57.3	51.5	43.9	229.1	9	----------	N. E	7	Ci.-S.	Cu.
19	N	Calm	SW	S	E	N	41.3	28.2	65.7	45.5	180.7	3	Ci.	Cu.	4	Ci.-S.	Cu.
20	Calm	Calm	Calm	NE	NE	Calm	30.6	31.3	67	40.2	169.1	3	Ci.	Cu.	6	Ci.-S.	Cu. E
21	NW	N	SE	S	NW	W	40.2	42.9	48.8	41.3	173.2	7	Ci.-S.	Cu.	6	Ci.-S.	Cu. E
22	W	W	S	SE	SE	SW	33.5	56.8	52.6	35.4	178.3	4	Ci.-S.	Cu.	7	A.-Cu.	Cu.
23	SW	W	S	S	SW	Calm	53.6	73.4	133.9	48.2	309.1	3	Ci.	Cu.	3	Ci.	Cu.
24	W	Calm	SW	S	NE	NW	44.3	123.9	75.6	39.4	283.2	4	Ci.	Cu.	8	Ci.	Cu.
25	W	Calm	S	S	SW	Calm	47.5	96.3	138.4	47.9	330.1	9	Ci.-S.	Cu.	6	Ci.-S.	Cu.
26	W	Calm	S	S	SW	SW	30.1	103.7	127.7	71.2	332.7	2	Ci.-S.	Cu.	8	Ci.-S.	Cu.-N.
27	W	W	S	S	SW	S	72.9	116.7	149.7	135.2	474.5	3	Ci.-S.	Cu.	9	Ci.-S.	Cu.-N. NW
28	SW	SW	S	SW	SW	SE	111	98.7	184.8	64.7	459.2	6	Ci.-S.	Cu. WSW	7	Ci.-S.	Cu. SW
29	SW	W	S	S	SW	SE	67.3	82.1	94.4	59.7	303.5	4	Ci.-S.	Cu.	5	Ci.-S.	Cu.-N.NNW
30	Calm	Calm	S	S	SW	SW	26.8	39	113.7	62.2	241.7	6	Ci.-S.	Cu. NE	6	Ci.-S.	Cu. NE
31	Calm	Calm	S	S	S	S	27.4	42.5	92.2	60.9	223	4	Ci.-S.	Cu. NNE	7	Ci.-Cu.	Cu.-N. SW
Mean	------	------	------	------	------	------	46.5	63.1	88.3	52.3	250.1	4.9	----------	----------	6	----------	----------
Total	------	------	------	------	------	------	-----	-----	-----	-----	7,753.8	----	----------	----------	----	----------	----------

NOTE.—The pressure, temperature and wind direction for July 21 to 31, 2 a. m., 10 a. m. and 6 p. m., are taken from a self-recording instrument.

CEBU.

[ϕ=10° 18′ N; λ=123° 54′ E; barometer above sea, 9 meters; gravity correction not applied, —1.84 mm.]

AUGUST, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.10	58.24	58.70	57.18	58.20	59.19	58.27	-----	26	-----	30	-----	27.2	27.7	31.2	25.7	-----	88	-----	68	-----	78	-----	0.5
2	58.45	58.19	58.85	58.02	58	59.27	58.46	-----	26.7	-----	30.5	-----	27.2	28.1	31.9	25.7	-----	84	-----	57	-----	79	-----	2
3	58.90	59.01	59.20	57.98	58.30	60.18	58.93	-----	26.4	-----	29.5	-----	27	27.6	32.1	24.8	-----	86	-----	59	-----	80	-----	.3
4	59.40	59.68	60	58.37	58.40	60.15	59.33	-----	25.8	-----	30.6	-----	27.4	27.9	31.1	23.5	-----	81	-----	65	-----	77	-----	42.9
5	60.10	59.68	59.80	58.17	58.25	60.32	59.39	-----	26	-----	29.2	-----	26.1	27.1	30	23	-----	82	-----	67	-----	87	-----	.4
6	59.40	58.74	59.60	58.15	58.25	59.47	58.94	-----	26.7	-----	30.2	-----	27.6	28.2	30.8	26.2	-----	74	-----	60	-----	76	-----	-----
7	58.70	59.04	59.80	57.96	58.10	59.68	58.88	-----	25	-----	31	-----	28.9	28.3	31.6	23.2	-----	84	-----	62	-----	75	-----	.3
8	59	59.27	59.50	57.77	57.90	59.41	58.81	-----	26	-----	30.8	-----	28.8	28.5	31.4	25.5	-----	84	-----	59	-----	78	-----	-----
9	58.40	58.49	58.45	56.26	56.45	58.70	57.79	-----	27.6	-----	30.4	-----	28	28.7	31.1	27.5	-----	74	-----	69	-----	67	-----	-----
10	57.70	57.02	57.90	55.63	55.45	57.58	56.88	-----	27.7	-----	30.4	-----	28.8	29	31	27.1	-----	72	-----	70	-----	68	-----	-----
11	56.55	56.49	57.10	55.37	55.85	57.55	56.48	-----	27.4	-----	29.5	-----	28	28.3	31.1	25.1?	-----	70	-----	66	-----	63	-----	.5
12	57.05	56.29	57.20	55.83	55.20	56.89	56.41	-----	27	-----	30.4	-----	28.5	28.6	30.4	26.5	-----	67	-----	65	-----	69	-----	-----
13	56.45	56.45	57.20	55.87	56.35	58.97	56.88	-----	27.2	-----	30.5	-----	28.6	28.8	31.1	25.6	-----	68	-----	65	-----	66	-----	.3
14	58.60	58.29	58.95	57.37	57.70	59.99	58.48	-----	26.8	-----	31	-----	26.4	28.1	31.4	24.4	-----	78	-----	59	-----	92	-----	21.6
15	59.70	59.63	60.63	58.68	58.66	60.79	59.68	25.5	24.6	29.3	30	29.2	27.4	27.7	31.2	23.6	84	88	70	64	74	85	77.5	7.9
16	60.29	59.69	59.56	57.72	58.17	59.91	59.22	24	25.2	28	30.8	27.8	27.6	27.2	31.7	23.3	90	82	75	58	75	64	74	4.1
17	58.59	58.47	59.16	57.23	58.27	60.29	58.67	26.1	26.8	29	30.5	28.9	27	28	33.3	25.8	79	69	74	63	62	83	71.7	3
18	58.73	58.55	59.12	57.64	57.94	59.57	58.59	26.8	26.5	28.9	27.7	27.8	28.9	27.8	31.5	25.9	77	79	66	79	75	69	74.2	-----
19	58.50	58.98	59.97	58.05	57.94	59.24	58.78	26.3	26.3	28.7	30.2	29	27.9	28.1	30.7	25.4	79	74	70	66	71	75	72.5	-----
20	58.17	58.83	58.38	56.99	58.20	59.62	58.36	25.8	25.5	29.7	32.3	29	27.4	28.3	33	24.6	79	80	61	51	74	80	70.8	-----
21	59.11	59.29	59.96	57.99	58.92	60.43	59.28	24.5	24.8	29.6	29.4	29.4	26.5	27.4	32.3	24	84	87	67	70	68	83	76.5	.4
22	59.70	59.89	60.29	58.03	59.06	60.17	59.52	25.9	25.7	28.6	30.3	29	27.5	27.8	32	25	84	84	68	60	69	77	73.7	3.3
23	58.84	58.93	59.24	57.33	57.28	58.74	58.39	26	25.7	29	30	29.5	27.2	27.9	31.5	25.1	89	89	68	62	72	79	76.5	-----
24	57.79	57.86	58.77	56.65	56.84	59.07	57.83	26.1	26	29.8	32.1	29.6	27.4	28.5	33	24.7	87	86	69	60	70	78	75	.5
25	58.19	58.11	58.97	57.12	57.74	59.72	58.31	24.3	26	30	30.5	29.8	29.2	28.3	32.3	23.3	89	84	67	59	68	70	72.8	30
26	58.09	59.09	60.39	58.20	58.04	59.80	58.94	27.5	24.8	23.2	26.3	26	25.5	25.6	28.5	22.9	80	89	99	90	81	80	86.5	35.3
27	58.05	57.90	58.79	56.62	56.92	59.03	57.88	25.7	25	29.5	30.5	28.5	27.5	27.8	31.6	24	78	80	70	60	74	76	73	-----
28	58.22	57.74	58.27	56.01	56.85	58.83	57.65	26.1	26	29.6	30.5	26.5	26.6	27.6	31.8	24.2	85	84	62	57	80	83	75.2	15.2
29	57.92	57.77	58.42	57.27	57.92	59.83	58.19	24	25.2	27.4	29.5	28.9	26.5	26.9	31	23.5	90	87	78	63	71	80	78.2	-----
30	58.64	58.15	59.19	57.67	58.35	59.53	58.59	25.7	25.4	29.5	31	30	27.5	28.2	32.3	24.9	83	85	69	59	60	71	71.2	1
31	58.94	59.13	59.63	57.58	58.47	59.29	58.84	26.4	25.2	30.2	31	28.6	27	28.1	32	25	76	85	67	62	71	77	73	-----
Mean	58.52	58.48	59.06	57.31	57.68	59.39	58.41	25.7	26	28.8	30.2	28.7	27.5	27.9	31.5	24.8	83.1	80.8	70.6	63.7	71.5	76.3	74.8	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	169.5

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Mid-night.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NW	SW	S	S	N	NW	47.5	71.4	100.6	45.5	265	7	A.-Cu.	Cu.-N. ESE	4	Ci.-S.	Cu.-N. NNE
2	W	SW	S	NW	SW	Calm	43.7	60.5	85.9	31.1	221.2	6	Ci.-S.	Cu.	8	A.-Cu.	Cu.-N. NE
3	SW	SW	S	W	S	W	80.9	70.8	76.4	49.1	277.2	6	Ci.-S.	Cu.-N.	8	A.-Cu.	Cu.-N. NW
4	W	SW	S	SW	W	Calm	73.2	101.9	135.2	47	357.3	5	Ci.	Cu.	7	Ci.-S.	Cu. NNE
5	SW	W	S	S	SW	S	99.5	121.9	156.1	204.5	582	7	Ci.-S.	Cu.	8	Ci.-S.	Cu. WSW
6	S	SW	S	S	SW	W	116.8	102	120.3	46.7	385.8	7	A.-Cu.	Cu.	7	Ci.-S.	Cu. WSW
7	W	Calm	S	S	SW	SW	38.6	57.4	132	77.4	305.4	2	Ci.	Cu.	3	Ci.	Cu.
8	SW	Calm	S	SW	SW	SW	49.4	84.9	170.6	107.8	412.7	4	Ci.	Cu.	8	Ci.	Cu. SSW
9	SW	SW	S	S	W	SW	111.9	161.5	212.2	103.3	588.9	6	Ci.-S.	Cu.	6	Ci.	Cu. SSW
10	SW	SW	S	SW	SW	SW	115.9	249.5	236.5	169.2	771.1	9	Ci.	Cu. SW	9	Ci.-S.	Cu. SW
11	SW	SW	S	SW	W	W	111.8	217.7	229.3	82.9	641.7	6	Ci.-S.	Cu. SW	7	Ci.-Cu.	Cu.-N. SW
12	SW	SW	SSW	S	SW	SW	102.7	171.8	203.2	76.8	554.5	8	Ci.-S.	Cu. SW	7	Ci.-S.	Cu. SW
13	W	SW	SW	SW	SW	SW	70	146.4	185.1	100.6	502.1	5	Ci.-S.	Cu. SW	3	Ci.	Cu. SW
14	W	W	S	SW	SW	SW	43.1	83.3	162.5	75.6	364.5	2	Ci.	Cu. SW	3	Ci.	Cu. SW
15	W	N	SE	S	Calm	NE	63.1	39.4	32.7	27.4	162.6	4	Ci.-S.	Cu.	9	Ci.-S.	Cu. SSE
16	WSW	W	S	SE	SW	SW	73.2	74	53.9	90.6	291.7	6	A.-Cu.	Fr.-Cu.	3	Ci.-S.	Cu.
17	SW	SW	S	SW	W	WSW	57.9	97.7	141.6	141.3	438.5	10	Ci.-S.	S.-Cu. WSW	8	A.-Cu.	Cu. WSW
18	SW	WSW	S	SW	SW	Calm	72.7	123.9	136.8	35.4	368.8	2	-----	Cu. W	6	Ci.-S.	Cu. WSW
19	W	W	S	SW	SW	SW	34.5	102.2	110	57.3	304	9	Ci.-S.	Cu.	9	Ci.-S.	Fr.-Cu. WSW
20	W	W	S	S	Calm	SW	33.8	37.8	57.1	26.6	155.3	8	Ci.-S.	S.-Cu.	9	Ci.-S.	S.-Cu.
21	NW	N	SSE	NE	SE	W	62	44.3	50.7	48.9	205.9	4	Ci.-Cu.	S.-Cu. NNE	8	Ci.-S.	Cu.
22	Calm	W	NE	NE	NW	NE	31.9	44	80.9	49.2	206	3	Ci.	S.-Cu.	7	Ci.-S.	Cu. NE
23	N	NNE	NE	NE	NE	NE	42.9	66.8	98.6	33.5	241.8	3	Ci.-S.	Cu.-N. NE	5	Ci.-S.	Cu. ENE
24	N	NNE	S	ESE	NNE	N	40.6	48	46.7	29.8	165.1	7	Ci.-S.	S.-Cu. NE	7	Ci.-S.	Cu. SE
25	N	N	NE	NE	ENE	E	60.2	58.4	109.9	88.5	317	4	Ci.-S.	Cu. NNE	5	Ci.-S.	Cu. ENE
26	N	N	N	NNE	NNE	N	75.2	60.9	69.2	67.3	272.6	10	Ci.-S.	Fr.-Cu. NNE	10	Ci.-S.	Cu.-N. NE
27	N	N	NE	NE	NNE	N	58.2	99	99.8	55.7	312.7	2	Ci.	Cu. NNE	8	Ci.-S.	Cu.
28	N	Calm	N	S	NW	S	46.3	60.9	58.1	32.7	198	9	Ci.-S.	Fr.-N.	8	Ci.-S.	Cu.-N. SSW
29	Calm	WSW	S	SW	SW	W	63.3	57.5	127.9	43.5	292.2	9	Ci.-S.	Fr.-Cu.	8	Ci.-S.	S.-Cu. WSW
30	W	N	S	SE	NE	N	44	37.2	73.8	59.5	214.5	7	Ci.-S.	S.-Cu. N	2	Ci.	Cu. S
31	N	NNW	NNE	NE	NNE	N	55.9	61.2	112.7	58.2	288	6	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu. NNE
Mean	-----	-----	-----	-----	-----	-----	65.2	90.8	118.3	69.8	344	5.9	-----	-----	6.8	-----	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	10,664.1	----	-----	-----	----	-----	-----

NOTE.—The pressure and wind direction for August 1 to 14, 2 a. m., 10 a. m. and 6 p. m., are taken from a self-recording instrument.

CEBU.

[ϕ=10° 18′ N; λ=123° 54′ E; barometer above sea, 9 meters; gravity correction not applied, —1.84 mm.]

SEPTEMBER, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.63	58.82	59.49	57.81	57.54	59.40	58.62	26.1	26	28.5	29.1	23	24.2	26.2	30.5	22.6	83	82	78	72	98	90	83.8	28.9
2	58.94	58.24	58.34	56.43	56.16	58.21	57.72	24.6	25.3	29.3	29.8	29	26.5	27.4	30.9	23.9	88	87	73	69	69	84	78 3	.5
3	57.19	56.59	57.19	55.72	55.99	56.78	56.58	26.9	26.4	29.6	31.2	29.8	28.5	28.7	31.9	25.8	83	78	62	52	66	70	68.5	------
4	56.55	56.44	57.19	55.53	56.10	57.36	56.53	26.2	27.2	30.2	30.6	29.5	26.2	28.3	33	25.9	82	75	60	57	65	74	68.8	------
5	56.54	57.31	58.70	56.50	57.37	58.36	57.46	25.7	25.6	30.2	31	30	27.5	28.3	33.4	24.9	75	83	64	58	69	80	71.5	------
6	57.49	58.26	58.72	56.47	57.34	58.78	57.84	27.8	26.4	30.9	30.5	29.8	27.5	28.8	32.3	25.9	73	82	64	64	63	78	69.8	------
7	57.39	57.72	58.31	55.76	57.06	57.85	57.35	27	26.1	29.9	31	29.5	26.8	28.4	32	25.7	83	85	65	53	64	76	71	4.3
8	57.54	58.33	59.37	56.76	57.56	58.75	58.05	25.3	24.5	27.9	30	28.5	26.5	27.1	31.8	23.1	83	87	75	63	71	82	76.8	14.7
9	57.47	57.80	58.28	56.05	57.80	58.78	57.70	25.4	25.2	30.5	30	24.5	26	26.9	32.6	22.6	82	82	63	62	93	85	77.8	23.9
10	57.38	57.46	58.59	56.70	57.58	59.65	57.89	24.1	24.8	26.1	27.8	27.9	27	26.3	29	23.5	90	86	86	77	76	81	82.7	3.5
11	58.05	58.93	59.92	57.88	58.34	59.79	58.82	26	25	28.5	29.5	28	27.3	27.4	31.9	23.4	80	83	74	61	81	78	76.2	59.7
12	59.50	59.58	61.07	57.79	58.09	59.55	59.26	23.9	23.9	27.4	30.5	27.9	27	26.8	31	22.5	87	87	70	62	74	72	75.3	3.3
13	58.67	57.90	58.37	56.42	56.76	57.79	57.65	26	24.4	27.7	29.5	28.2	26.5	27	31	23	71	87	72	65	76	76	74.5	------
14	56.54	56.75	57.40	55.92	56.61	57.94	56.86	26.3	25.2	26.8	29	26	26	26.6	29.5	24	79	82	82	68	78	84	78.8	.8
15	56.81	57.30	58.28	56.82	57.09	58.84	57.52	25.6	25.2	29.5	29.4	28.6	26.4	27.4	30.9	24.3	83	83	71	72	77	86	78.7	------
16	57.76	57.75	58.78	56.49	57.27	58.14	57.70	25.6	25.3	29.5	30	28.9	27.2	27.8	32.1	24.6	78	88	71	60	77	75	74.8	------
17	57.41	57.40	57.77	55.62	56.49	57.38	57.01	26	25.4	30.2	31.7	28	26.6	28	32	24.5	81	84	66	62	77	81	75.2	------
18	56.89	56.82	57.53	55.16	56.35	58.15	56.82	25.8	25.2	29.3	31	29.6	24.6	27.6	31.6	24	78	82	66	67	74	84	75.2	23.9
19	56.62	56.71	57.19	55.60	56.71	58.17	56.83	26	26.2	29.5	29.5	27.5	28	27.8	31.7	25.1	83	82	70	71	81	74	76.8	------
20	57.23	57.24	57.56	55.92	57.23	57.64	57.14	27.5	27	29.7	31.8	28.5	27.2	28.6	32.5	25.5	73	75	67	60	78	81	72.3	2.8
21	56.29	56.35	57.54	54.74	55.92	56.72	56.26	26.9	26.6	29.4	30.4	29.5	28.2	28.5	31.2	26.2	77	80	68	68	71	80	74	------
22	56.02	56.04	56.23	54.07	54.39	56.14	55.48	27.8	27.5	29.8	31	29.4	28	28.9	32	26.5	73	73	67	64	68	71	69.3	------
23	55.17	55.43	56.11	54.39	54.28	55.90	55.21	27	27	30.1	26.2	27	27.2	27.4	30.4	23.8	74	71	63	78	77	81	74	10.7
24	55.15	55.37	56.08	54.22	54.99	56.96	55.46	27	26.3	29	28.9	28	26.6	27.6	29.3	25.6	75	77	65	73	70	73	72.2	------
25	56.29	56.28	57.13	54.91	55.81	57.52	56.32	26.6	27.2	27.9	29.8	28.9	28.4	28.1	30.1	25.1	77	78	74	67	71	71	73	------
26	56.57	56.41	57.87	55.44	56.49	58.31	56.85	26.2	25.6	29.2	29.9	29.3	28.5	28.1	30.6	24.9	71	71	68	68	72	70	70	------
27	57.35	57.82	58.83	56.64	56.97	57.98	57.60	28.5	26.5	30.2	25.7	27	27.6	27.6	31.1	24.5	67	74	68	80	73	70	72	7.4
28	56.89	56.76	57.78	55.98	56.52	57.74	56.94	27	26.1	29	26.5	24.8	25.5	26.5	30	23.6	70	69	71	80	91	84	77.5	41.7
29	57.15	56.49	57.94	56.18	57.07	58.38	57.20	26.1	25.1	28.5	29	27.1	26.4	27	31.5	24.4	82	86	69	71	77	77	77	------
20	57.91	58.06	58.61	56.97	57.81	59.17	58.09	24.8	26.5	29.5	31.1	29.5	27.5	28.2	32.3	24.1	79	78	68	62	69	81	72	4.8
Mean	57.18	57.28	58.07	56.03	56.72	58.07	57.23	26.2	25.8	29.1	29.7	28.1	26.9	27.6	31.3	24.4	78.7	80.4	69.3	66.2	74.9	78.1	74.6	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	230.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	N	N	S	S	N	N	57.6	51.2	33.2	53	195	9	Ci.-S.	Cu.-N. NNE	10	A.-S.	Cu.
2	N	W	S	SW	WSW	S	41.3	76.4	164	45.1	326.8	10	A.-S.	Cu.-N.	6	Ci.	Cu.-N. WSW
3	SW	WSW	SW	SSW	SSW	SSW	67.9	118.5	146.4	79.9	412.7	8	Ci.-S.	Fr.-Cu.	9	Ci.-S.	Cu. SW
4	Calm	SSW	SSW	SSW	SSW	SSW	51.5	114.7	96.6	43.9	306.7	9	Ci.-S.	Fr.-Cu. SW	9	Ci.-S.	S.-Cu. SW
5	NW	NW	S	NE	E	N	39.9	33	92.9	61	226.8	10	Ci.-S.	Cu.	9	Ci.-S.	Cu. ENE
6	E	NE	ESE	NE	NNE	NNE	43.9	79.9	111.8	56.6	292.2	3	Ci.	Cu. NE	9	Ci.-S.	Cu.-N.
7	N	NNE	NE	NE	NNE	NNE	39.1	66	107	59.2	271.3	3	Ci.-S.	Cu. NE	3	Ci.-S.	Cu. ENE
8	NE	NNW	S	NE	NE	N	52.6	39.4	73.2	52.5	217.7	10	Ci.-S.	S.-Cu. N	8	Ci.-S.	Cu.
9	Calm	Calm	ENE	NE	NNE	NNE	31.3	58.6	106.2	32.9	229	6	Ci.	S.-Cu. NE	8	Ci.-S.	Cu.
10	N	N	SSW	SSW	SW	SSW	38.2	59	61.4	108.1	266.7	10	A.-S.	S.-Cu.	9	Ci.-S.	Cu.-N. SSW
11	SW	SW	Calm	S	E	N	62	34.3	43.5	36.6	176.4	7	A.-Cu.	Cu.-N. SSW	7	Ci.-S.	Cu.
12	NW	N	NE	NE	Calm	N	60.7	48.8	65.4	35.8	210.7	8	----------	N.	7	Ci.-S.	Cu. NW
13	NW	SW	S	SW	SW	Calm	55.9	49.5	50.4	64.1	219.9	8	Ci.-S.	Cu.-N.	7	Ci.-S.	Cu. NW
14	SW	Calm	SW	SW	W	Calm	35.3	91.6	139.3	32.5	298.7	7	----------	S.-Cu. WNW	8	Ci.-S.	Cu. SW
15	W	NW	S	SE	Calm	NW	38.6	33.6	50.1	40.9	168.2	6	Ci.-S.	Cu. SW	6	Ci.-S.	Cu. SW
16	N	W	S	NE	N	NW	42.3	29.8	51.9	37	161	2	Ci.	Cu.	7	Ci.-S.	Cu.
17	NW	Calm	S	S	NW	N	35.6	41.2	61.5	39.1	177.4	5	Ci.-S.	Cu.	4	Ci.-S.	Cu.
18	N	Calm	S	S	SW	SW	33.8	69.4	146.7	78.9	328.8	3	Ci.-S.	Cu.	3	Ci.	Cu.
19	SW	SW	S	N	SW	SW	49	132.3	102.6	60.1	344	3	Ci.	Cu.	8	Ci.-S.	Cu.-N.
20	SW	S	S	S	W	W	119	120.7	59.4	43.7	342.8	7	Ci.-S.	S.-Cu.	5	Ci.-S.	Cu.
21	W	Calm	SW	S	Calm	SW	61.2	117.3	71.8	49.1	299.4	8	Ci.-S.	S.-Cu.	9	Ci.-S.	S.-Cu.
22	SW	SW	SW	SW	SW	SW	86.9	120.5	117.7	131.2	456.3	10	Ci.-S.	Cu. SW	10	Ci.-S.	S.-Cu. WSW
23	SW	SW	SW	SW	SW	SW	168	176.5	217.3	148.1	709.9	10	Ci.-S.	Fr.-Cu. SW	10	Ci.-S.	N. SW
24	SW	SW	SW	S	SW	SW	140	199.6	245.2	228.8	813.6	10	Ci.-S.	S.-Cu. SW	10	----------	Cu. SW
25	SW	S	SW	SW	SW	SW	168.4	247.9	199.6	105.9	721.8	10	----------	cu.-N. SW	6	Ci.-S.	Cu. SW
26	SW	Calm	S	SW	SW	SW	87.2	77.2	158.7	39.4	362.5	10	Ci.-S.	Fr.-Cu.	7	Ci.-S.	Cu. SW
27	SW	N	Calm	S	SW	SW	44	35.2	92.8	91.7	263.7	10	Ci.-S.	S.-Cu.	10	Ci.-S.	N.
28	SW	SW	SW	S	Calm	W	76.4	100.1	95.9	51.2	323.6	6	Ci.-S.	S.-Cu. SW	7	----------	Cu.-N. NW
29	W	Calm	Calm	NE	Calm	SW	55.2	25.9	58.9	36.9	176.9	9	Ci.-S.	S.-Cu.	8	----------	Cu.-N. WSW
30	NW	Calm	SW	S	NE	N	33.5	40.2	56.3	44	174	3	Ci.	Cu.	3	Ci.	Cu.
Mean	------	------	------	------	------	------	63.9	83.1	102.6	66.2	315.8	7.3	----------	----------	7.4	----------	----------
Total	------	------	------	------	------	------	------	------	------	------	9,474.5	----	----------	----------	----	----------	----------

CEBU.

[$\phi = 10°\ 18'$ N; $\lambda = 123°\ 54'$ E; barometer above sea, 9 meters; gravity correction not applied, —1.84 mm.]

OCTOBER, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.72	58.65	58.68	56.59	57.22	58.89	58.12	26.7	26.1	30.5	30	29.5	27.1	28.3	32.3	25.5	81	83	67	67	65	83	74.3	------
2	58.57	58.35	59.12	57.19	57.69	58.67	58.26	26.7	25.6	27	30.5	25.1	25.5	26.7	31	23.3	79	84	76	65	86	86	79.3	49.9
3	58.31	58.77	59.59	57.91	58.74	59.99	58.88	24.7	23.6	25.5	26	26.5	25.1	25.2	26.7	23.2	82	90	86	79	79	83	83.2	19.5
4	58.54	58.80	60.02	57.86	58.27	59.85	58.89	24.9	24.2	28.1	30.2	29.2	26.2	27.1	31.2	23.9	83	86	73	58	60	79	73.2	.3
5	58.74	59.17	59.87	57.89	58.29	59.64	58.93	25.5	25.4	30	30.5	28.9	26.6	27.8	32.4	24.7	81	84	67	62	74	84	75.3	------
6	58.52	57.85	58.94	56.51	57.72	58.78	58.05	26.3	25.1	29.1	30.2	29	26.3	27.7	30.9	24.7	88	87	70	65	78	77	77.5	------
7	57.66	57.55	58.04	56.23	56.75	58.39	57.44	25.2	24.6	29	29	26.5	25.6	26.6	30.2	22.9	86	86	71	74	82	84	80.5	20.6
8	57.27	57.40	58.44	56.72	57.40	58.82	57.68	24.6	24.5	29.4	28.2	27.2	25.5	26.6	31.4	23.9	83	83	66	74	76	93	79.2	19.9
9	58.32	58.72	59.34	57.33	58.13	59.88	58.62	25	24.5	29.5	32	29.4	27.5	28	32.6	24.2	88	87	68	55	64	81	73.8	------
10	59.25	59.97	60.28	57.83	58.77	59.69	59.30	26.4	26	29.6	30.1	30	27.5	28.3	31	25.6	74	84	70	64	68	77	72.8	------
11	58.19	58.08	58.91	56.55	56.98	58.29	57.83	26.4	26.2	29.9	30	29.1	28	28.3	31.7	25.5	75	79	65	67	71	71	71.3	.3
12	57.38	57.70	58.06	55.88	56.76	57.90	57.28	26.8	26.6	29.6	30.9	29.6	27.5	28.5	31.6	25.8	82	83	69	60	71	78	73.8	.8
13	57.44	57.94	58.52	56.48	57.52	58.70	57.77	26.7	25.5	30.2	29.6	26.7	26.5	27.5	32.3	24.6	83	88	68	67	85	85	79.3	6.4
14	57.87	57.71	58.64	56.34	56.87	57.62	57.51	25.5	25.1	26.4	28	27.5	26	26.4	29.9	24.1	89	91	86	77	80	84	84.5	6.6
15	56.96	57.04	57.36	54.91	56.61	57.66	56.76	25.3	25.6	29.1	30.6	26.9	25.5	27.2	32.8	24.5	85	84	71	65	81	92	79.7	25.9
16	57.31	57.42	57.32	55.94	56.78	58.09	57.14	24.3	25	28.5	27	26.5	25.6	26.2	31	24	85	92	73	80	91	86	84.5	39.7
17	57.65	57.90	58.40	55.91	57.14	58.57	57.60	24.2	25	27.6	29.9	28	26	26.8	31.6	23.7	94	91	83	69	78	89	84	11.7
18	57.80	57.89	58.59	56.09	56.93	58.04	57.56	25.3	25.5	30.5	30	28.6	27.6	27.9	31.3	24.8	89	88	65	70	75	74	76.8	------
19	56.96	57.28	57.63	55.21	56.07	57.58	56.79	26.8	26.9	29.9	30.7	29.2	28.3	28.6	31.4	25.4	83	80	65	61	76	74	73.2	3.1
20	56.49	57.05	57.76	55.73	56.83	58.26	57.02	27.9	27.6	30	28.6	28.4	27	28.2	31	23.4	76	76	67	73	75	80	74.5	8.7
21	57.31	57.56	58.51	56.41	57.18	58.69	57.61	26.7	26.1	28.7	28.5	27.5	26.7	27.4	29.6	23.5	77	79	73	67	78	83	76.2	3.5
22	57.74	57.97	58.29	56.13	56.97	58.57	57.61	26.8	25.4	28.6	31.6	28.5	27.1	28	32.3	24.8	77	88	71	56	72	81	74.2	------
23	57.65	57.69	58.48	55.52	56.74	58.14	57.37	26.2	25.6	29.5	31	28.6	27.5	28.1	33.2	25.3	80	88	74	59	77	81	76.5	35.8
24	57.54	57.96	59.42	57.33	58.02	60	58.38	23.7	24.5	24.6	25.5	25.5	25.2	24.8	26.6	23.5	90	96	92	92	83	82	89.2	24.6
25	58.93	59.19	60.52	58.33	58.89	60.59	59.41	25.2	25	28.7	28.7	27.6	26.1	26.9	30.7	24.3	88	88	66	69	77	90	79.7	3.3
26	59.75	59.81	60.56	58.09	58.28	59.68	59.26	25.3	25	29.7	29.4	28.1	26.5	27.3	30.3	24.3	80	89	72	68	73	83	77.5	4.1
27	58.64	58.67	59.15	56.72	57.14	58.49	58.14	25.5	25	26.5	29	27.5	27	26.8	29.5	24.2	88	89	87	68	77	78	81.2	6.1
28	57.34	57.42	58.43	55.96	56.93	58.16	57.37	25.7	26	29.9	29.5	27.6	26	27.4	30.9	24.8	85	81	62	61	72	76	72.8	------
29	57.87	57.55	58.79	56.59	57.73	58.97	57.92	26.1	25.1	29.5	30.2	28	26	27.5	30.9	24.9	77	83	63	59	71	83	72.7	------
30	58.35	58.46	58.47	57.16	57.81	58.15	58.07	25.4	26	27.2	25.4	26	25.1	25.8	30.6	22.9	80	78	80	82	91	91	83.7	13
31	57.43	57.57	57.48	54.94	56.38	56.86	56.78	24.8	25	29	31.8	29	27.1	27.8	32.6	23.3	83	83	76	58	76	80	76	31.7
Mean.	57.95	58.10	58.76	56.59	57.40	58.70	57.92	25.7	25.4	28.8	29.4	27.9	26.5	27.3	31	24.3	82.9	85.4	72.3	67.5	76.2	82.2	77.8	------
Total.	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	335.5

Day.	Wind.										Clouds.				
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.		2 p. m.	
												Amount.	Form and direction.	Amount.	Form and direction.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper. Lower.		Upper. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*		*0–10*	
1	S	NW	E	NE	NE	N	44.2	41.7	100.7	70.1	256.7	4	Ci. Cu. E	3	Ci. Cu. E
2	N	N	SW	S	S	N	48.3	33.8	60	35	177.1	4	Ci. Cu. E	5	Ci. Cu.-N. E
3	NW	S	Calm	NE	Calm	N	74.7	45.7	37	36.9	194.3	10	----------	10	Ci.-S. Cu.-N.
4	W	E	S	S	SW	NW	35.6	38.3	74.7	48.6	197.2	7	Ci.-S. Cu.-N. E	6	Ci. Cu.
5	NW	Calm	SE	SSW	E	N	41.3	28.9	48.2	35.8	154.2	7	Ci.-S. Cu.-N. E	7	Ci.-S. Cu.-N.
6	E	Calm	SW	Calm	E	W	33.4	48.6	45	47	174	4	Ci.-S. Cu. E	7	Ci.-S. Cu.
7	NW	W	S	Calm	Calm	NW	36.2	50.8	65	43.5	195.5	5	Ci.-S. Cu.	6	Ci.-S. Cu.
8	Calm	W	S	NE	Calm	Calm	32.5	42.3	63.1	41.2	179.1	3	Ci. Cu.	6	Ci.-S. Cu.
9	N	N	S	S	E	N	34.9	34.4	61.5	38.3	169.1	7	Ci. Cu.	3	Ci.-S. Cu.
10	N	NW	NE	NE	NE	N	45.3	66.8	85.3	61.2	258.6	3	Ci.-S. Cu.	4	Ci. Cu. ENE
11	N	Calm	NE	NE	NE	N	36.2	69.7	110.4	65.7	282	3	Ci. Cu. ENE	3	Ci. Cu. ENE
12	N	NW	NE	NE	NE	N	55.7	87.6	109.1	36.3	288.7	4	Ci.-S. Cu. E	3	Ci. Cu.
13	NW	NE	E	NE	SE	Calm	49.4	47.5	70.8	38.8	206.5	7	Ci.-S. Cu.	7	Ci.-S. Cu.
14	NW	N	SE	N	NE	N	50.6	76.6	45.6	50.6	223.4	7	Ci.-S. Cu. E	9	Ci.-S. Cu. E
15	N	W	Calm	NE	NW	N	55.2	23.6	61.5	55.2	195.5	4	Ci.-S. Cu.	6	Ci.-S. Cu. W
16	N	Calm	Calm	NW	Calm	NW	37	42.3	47	40.7	167	10	Ci.-S. Cu.-N.	9	---------- cu.-N. SE
17	NW	NW	NE	Calm	N	N	48.2	54.4	62	55.5	220.1	8	Ci.-S. S.-Cu. E	5	Ci.-S. Cu. E
18	N	N	E	NE	N	N	46.1	68.2	85.3	63.1	262.7	7	Ci.-S. S.-Cu. E	5	Ci.-S. Cu. E
19	N	N	NE	NE	NE	NE	67.6	96	92.5	91.2	347.3	4	Ci.-S. Cu. E	5	Ci.-S. Cu. E
20	NE	NE	NE	NE	N	N	95	105.4	110.2	77.2	387.8	6	Ci.-S. Cu. E	3	Ci.-S. Cu. E
21	N	N	E	NE	NE	NE	78.9	80.5	103.8	62	325.2	6	Ci.-S. Cu. E	8	Ci.-S. S.-Cu. E
22	N	N	S	Calm	NE	N	48.6	31.1	52	37.3	169	7	Ci.-S. Cu. E	7	Ci.-S. Cu. NE
23	Calm	N	SE	NE	NE	N	30.6	40.5	74.5	50.7	196.3	3	Ci.-S. Cu. E	9	Ci.-S. Cu. E
24	SW	SE	S	Calm	SW	W	66	61	55.7	64.6	247.3	10	---------- Cu.-N.	10	---------- Cu.-N.
25	Calm	NE	NE	S	S	Calm	42.8	48	50.8	23.9	165.5	4	A.-Cu. Cu.	8	Ci.-S. S.-Cu. E
26	NE	N	NE	NE	N	N	39.4	87.7	109.4	55.2	291.7	7	Ci.-S. S.-Cu.	6	Ci.-S. Cu. E
27	N	N	NE	NE	NE	NE	56	73	85	54.1	268.1	8	Ci.-S. S.-Cu.	7	Ci.-S. Cu. E
28	N	N	NE	NE	NE	Calm	60.5	89.5	97.2	44.3	291.5	2	Ci. Cu. E	5	Ci. Cu. E
29	NW	NW	NE	NE	NE	Calm	59	77.4	107.8	48.2	292.4	5	Ci. Cu. NE	4	Ci.-S. Cu. E
30	Calm	Calm	SW	SW	N	N	32.7	53.6	49.2	38.8	174.3	5	Ci.-S. Cu.	8	Ci.-S. Cu.-N.
31	W	W	Calm	S	S	Calm	35.1	30.1	51.5	50.4	167.1	2	Ci. Cu.	4	Ci. Cu. SE
Mean.	------	------	------	------	------	------	43.9	57.3	73.3	50.4	229.8	5.6	----------	6.1	----------
Total.	------	------	------	------	------	------	------	------	------	------	7,125.2	------	----------	------	----------

CEBU.

[ϕ=10° 18′ N; λ=123° 54′ E; barometer above sea, 9 meters; gravity correction not applied, —1.84 mm.]

NOVEMBER, 1916.

Day.	Atmospheric pressure, 700 mm. +							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56	56.02	56.99	54.62	55.41	56.64	55.95	23.5	24.5	29.7	30.5	29.2	28.4	27.6	33	23.3	87	87	63	66	70	74	74.5	
2	56.01	56.36	57.21	55.46	56.89	58.54	56.74	26.1	25	31	25.8	27.5	25.5	26.8	32.4	24	75	80	60	83	82	88	78	3.8
3	57.21	57.51	57.95	55.76	56.80	58.21	57.24	24.9	24.6	30.4	30.8	28	26.8	27.6	31.6	23.9	85	86	64	64	79	77	75.8	1
4	57.30	57.25	57.31	54.88	55.87	57.36	56.66	26	24.3	29.8	30.7	28.5	26.2	27.6	31.6	23.8	76	88	66	55	74	76	72.5	
5	56.32	56.77	57.91	54.79	55.72	57.06	56.43	25.2	24	28.9	30.6	28.7	26.5	27.3	31.7	23.5	76	79	65	63	73	66	70.3	.3
6	56.22	56.77	57.82	55.34	56.34	57.60	56.68	24.5	24.2	29.5	30.5	28	25.6	27	31	23.2	81	76	66	59	82	75	73.2	8.6
7	56.62	56.66	57.72	55.90	56.57	57.83	56.88	24.5	24.9	28.9	23	26	25.2	25.4	30.9	22.1	89	84	72	96	85	79	84.2	20.5
8	56.73	57.47	59.03	56.62	57.22	59.54	57.77	25	24.9	28.6	29.5	28.5	26	27.1	31.3	23.6	76	83	73	62	77	90	76.8	14.5
9	58.37	58.53	58.92	56.73	57.89	59.83	58.38	25.2	24.6	29.2	30.5	26	25.9	26.9	32.5	23.7	78	84	66	63	80	82	75.5	4.8
10	58.15	58.43	58.69	56.07	57.03	58.26	57.77	25	25.1	31.2	29.8	29.5	27	27.9	32	24.5	80	87	62	63	68	73	72.2	14.2
11	57.31	57.18	58.70	56.47	57.45	58.70	57.64	25	25.2	26.4	27.4	24.1	25.5	25.6	29.8	23.2	84	85	85	80	95	80	84.8	10.6
12	57.84	57.90	58.72	56.84	57.21	58.70	57.87	25.9	25.5	26.4	26.2	26.9	26	26.2	28.6	25	76	80	84	82	75	80	79.5	1.5
13	57.72	58.50	59.58	57.40	57.54	59.42	58.36	26	25.7	25	26.9	27.6	22.2	25.6	29.1	22	80	90	92	80	73	95	85	15.7
14	57.88	57.91	58.13	56.12	57.29	57.74	57.51	24.3	25	28.2	29.1	28.6	25	26.7	29.6	22.2	84	84	68	60	70	88	75.7	14.3
15	56.57	56.73	57.09	54.78	56.55	57.05	56.46	24	24.4	28.5	29.8	24.9	24.5	26	32.3	23	80	82	69	63	87	80	76.8	16.2
16	56.32	56.91	57.06	54.95	55.92	57.27	56.40	24.3	25	27	28	28	26.6	26.5	30	23.8	88	80	76	71	74	77	77.7	.3
17	56.65	56.95	57.95	56.23	56.97	58.13	57.15	25.8	26.5	29.5	25	27.5	27.9	27	30.7	24.2	72	70	91	78	64	74.2	3.6	
18	57.28	58.18	59.48	57.17	58.14	58.85	58.18	26.4	26.3	29.4	29.6	26.9	25.4	27.4	30.6	24.4	70	79	71	64	81	75	73.3	2
19	58.26	58.37	59.04	56.24	57.57	59.24	58.12	24.2	25	29	31	28.9	26.7	27.5	32	23.6	81	81	64	64	68	84	73.7	
20	57.99	57.85	58.94	56.21	56.17	58.45	57.77	25.5	25.6	30.4	30	29	26.4	27.8	31.2	25.2	78	86	68	71	77	86	77.7	3.6
21	57.66	58.39	59.26	56.98	57.97	59.04	58.22	25.9	25	28.5	31	28.4	26	27.5	31.5	24.7	86	89	74	62	69	85	77.5	3
22	58.29	58.60	59.70	57.36	57.83	59.71	58.58	25.9	24	24.9	26.9	26	25	25.4	28.4	23.7	86	98	87	75	80	85	85.2	3.3
23	58.31	59.04	59.34	57.11	57.44	58.85	58.35	24	23.5	29.5	30.5	28.7	25.7	27	31.2	22.9	89	90	65	62	63	75	74	
24	57.61	57.97	58.44	56.16	56.19	57.54	57.32	25.5	25.1	30.5	30	28	25.8	27.5	31.5	24.2	77	87	66	67	79	81	76.2	
25	57.06	56.42	57.16	54.98	55.59	56.39	56.27	25.5	24.4	29.9	29.9	27.6	26	27.2	30.7	24	80	82	62	65	66	72	71.2	
26	55.33	54.91	55.64	53.37	53.99	55.66	54.82	24.2	23.8	29	30.7	28.9	26.2	27.1	30.8	23.5	82	81	64	64	62	75	71.2	
27	54.91	54.70	55.77	53.67	54.39	55.57	54.84	24.5	25.5	29	29.5	28.5	27.5	27.4	30.8	24	79	80	68	68	70	75	73.3	
28	54.74	55.10	56.29	54.48	54.47	55.51	55.10	27	26.5	25.5	29.8	27.5	25.9	27	30.1	24.3	73	76	89	69	75	88	78.3	26.9
29	55.02	55.24	57.06	54.47	55.75	57.57	55.85	25	24.5	23.5	25.5	25	23.8	24.6	26.8	23	92	96	97	89	90	93	92.8	82.4
30	55.76	56.76	57.44	55.60	56.28	57.11	56.49	25.7	24.7	28.4	29	26.6	25	26.6	29.8	24.5	75	75	61	58	65	76	68.3	
Mean	56.92	57.18	58.01	55.76	56.58	57.91	57.06	25.2	24.9	28.5	28.9	27.6	25.9	26.8	30.8	23.7	80.5	83.5	71.2	69.3	75.6	79.8	76.6	
Total																								251.1

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NW	NW	S	Calm	SW	S	51.2	33.3	59.9	80.2	224.6	3	Ci.-S.	Cu.	6	Ci.-S.	Cu.
2	SW	SW	E	W	W	NW	48.9	50.5	41.6	47	188	8	Ci.-S.	Cu.	9	Ci.-S.	Cu.
3	W	NW	E	NE	Calm	Calm	38.8	44.6	50.4	43.9	177.7	4	Ci.-S.	Cu.	4	Ci.	Cu. NNE
4	Calm	N	N	NE	Calm	Calm	33	91.8	121.3	47.3	293.4	2	Ci.	Cu.	3	Ci.	Cu. NNE
5	N	Calm	S	SE	Calm	W	32.7	48.5	67.4	68.9	217.5	5	Ci.	Cu.	5	Ci.	Cu. NNW
6	NW	NW	Calm	SE	Calm	Calm	46.3	38.3	51.5	35.9	172	6	Ci.	Cu.	8	Ci.-S.	cu.-N.NNE
7	NW	NW	S	NW	Calm	NW	46.3	34.8	66.7	35.4	183.2	2	Ci.	Cu.	10		N.
8	W	NW	SW	S	Calm	SE	42.3	51.9	64.4	50.3	198.9	10	Ci.-S.	Cu.	7	Ci.-S.	Cu. WSW
9	SW	N	Calm	Calm	NW	N	49.9	33	58.4	47.3	188.6	8	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.
10	NW	Calm	E	N	W	Calm	30.5	59.2	64.9	41.5	196.1	6	Ci.-S.	S.-Cu.	5	Ci.-S.	Cu.
11	NW	N	NE	NE	N	N	52.6	102.7	138.4	87.8	381.5	4	Ci.	Cu.	9	Ci.-S.	cu.-N.NNE
12	N	N	N	NE	N	N	93.6	95	140.9	61	390.5	10	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N. E
13	N	N	NE	N	N	N	74	95.5	111.9	100.3	381.7	10	Ci.-S.	cu.-N. ENE	7	Ci.-S.	cu.-N.ENE
14	N	N	NE	NE	NE	SW	72.4	137.6	125.5	67.6	403.1	10	Ci.-S.	s.-cu. ENE	6	Ci.-S.	S.-Cu.
15	NW	W	S	NE	Calm	NW	40.7	46.2	50.4	34.3	171.6	10	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu. SW
16	W	SW	NE	SW	SW	W	53.3	40.1	118.1	80.1	291.6	10	Ci.-S.	S.-Cu. SW	10	Ci.-S.	Cu. WSW
17	SW	W	S	SW	SW	SW	56	58.7	110.7	100.9	326.3	3	Ci.	Cu.	10		N. WSW
18	W	W	S	W	W	S	76.4	85.3	105.4	36.2	303.3	5	Ci.-S.	S.-Cu.	10	Ci.-S.	s.-cu.WSW
19	NW	NW	Calm	S	N	NE	40.2	30.9	71.8	54.3	197.2	2	Ci.	Cu.	3	Ci.	Cu.
20	N	NW	Calm	E	NE	NE	36.5	37	51.2	42.8	167.5	4	Ci.	Cu. ESE	5	Ci.	Cu. ESE
21	SW	W	NE	NE	S	Calm	49.5	32.9	51.9	24.6	158.9	7	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu. SSE
22	W	Calm	NE	Calm	Calm	NW	62.6	37.3	30.8	43.5	174.2	10		N.	10	Ci.-S.	Cu.
23	NW	W	N	S	NE	N	52.3	30.3	52.8	48.6	184	3	Ci.	Cu.	3	Ci.	Cu.
24	Calm	Calm	E	NE	NE	N	20.4	58.7	113.3	46.1	238.5	6	Ci.-S.	Cu.	4	Ci.	Cu. NNE
25	NW	Calm	NE	NE	N	NW	32.5	69.7	118.6	29.5	250.3	3	Ci.	Cu.	3	Ci.	Cu. NNE
26	NW	Calm	SE	SE	NW	Calm	33.8	34.6	57.6	41.3	167.3	2	Ci.	Cu.	7	Ci.	Cu. NNW
27	NW	W	S	E	SW	SW	69.2	143.4	90.7	62.8	366.1	5	Ci.-S.	Cu. NNW	8	Ci.-S.	Cu. NW
28	E	SW	Calm	SW	SW	N	23.8	57.5	100.9	50.8	233	10	Ci.-S.	Cu. NW	10		N. NW
29	Calm	SW	SW	SW	SW	NW	35.1	119.7	56.3	51.5	262.6	10		N.	10		Fr.-N.NNW
30	N	N	N	N	N	N	77.7	113.8	127.1	97.2	415.8	8	Ci.-S.	Fr.-Cu.NNE	6	Ci.-S.	Cu. NNE
Mean							49.1	63.8	82	55.3	250.2	6.2			7		
Total											7,505						

CEBU.

[$\phi = 10°\ 18'$ N; $\lambda = 123°\ 54'$ E; barometer above sea, 9 meters; gravity correction not applied, −1.84 mm.]

DECEMBER, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.38	56.58	57.14	54.59	54.50	55.58	55.80	24.3	24.4	28.4	28	27.5	26.6	26.5	29.2	23.5	81	80	66	69	70	79	74.2	0.8
2	54.62	54.71	55.82	54.89	55.86	57.06	55.49	24.5	25.2	27	28	26.2	25.5	26.1	28.5	24	89	90	84	81	86	89	86.5	------
3	56.30	56.63	58.17	56.51	57.10	58.59	57.22	25.4	25.2	29.4	29.6	28.5	27	27.5	30.6	24.7	82	82	62	67	73	79	74.2	------
4	58.06	57.72	58.58	56.34	56.19	57.51	57.40	25.9	25.4	27.4	30	29	26.4	27.4	30.6	25.1	78	81	78	69	70	79	75.8	.6
5	56.59	55.56	57.60	55.11	55.54	56.36	56.13	25.5	25.1	29.5	30	28	26.1	27.4	31.6	24.8	84	85	68	69	70	79	75.8	------
6	55.59	55.78	57.03	55.24	55.64	56.92	56.03	26	25	29.2	30.5	28	26.2	27.5	31	24.7	80	92	65	63	80	79	76.5	------
7	56.36	56.28	57.15	54.94	55.58	57.02	56.22	25.3	24.3	29.5	30	28.5	26.3	27.3	31.3	23.8	83	97	64	71	75	86	79.3	------
8	56.47	56.33	57.43	55.24	55.72	57.02	56.37	25.5	25.2	28.9	30	28.1	26.5	27.4	30.5	24.6	90	90	73	71	73	88	80.8	.3
9	56.21	56.88	58.54	55.83	56.54	57.41	56.90	25.7	25.1	27.1	29	27.9	26.2	26.8	29.7	24.5	88	92	85	75	79	85	84	------
10	56.59	57.22	58.25	55.63	56.17	57.46	56.89	26	25.6	28.4	29.7	28.2	26	27.3	30.2	24.6	90	91	80	72	79	89	83.5	5.3
11	56.55	56.95	57.46	55.29	56.28	57.09	56.60	25.5	24.2	29	30.5	28	26	27.2	31	24	89	98	64	62	67	84	77.3	.8
12	56.42	56.43	57.45	55.59	56.74	57.44	56.68	25.2	25.1	28.5	26	26.1	25.8	26.1	30.1	24.2	83	83	70	92	83	84	82.5	4.4
13	56.47	57.01	57.63	55.28	56.12	57.05	56.59	25.1	24.5	27.8	28.1	27.5	25.5	26.4	30	24.2	85	89	75	72	73	88	80.3	15.7
14	55.93	56.61	57.48	55.19	55.62	56.74	56.26	24.3	24	25.1	26	27.1	26	25.4	27.9	23.9	96	96	92	82	76	84	87.7	4.7
15	55.63	55.61	56.89	54.80	55.60	56.76	55.88	24.8	24.5	25.6	27	25.5	25.5	25.5	27.9	23.9	91	92	91	83	90	87	89	8.9
16	55.65	56.06	56.72	54.59	55.14	56.09	55.71	25.1	25.4	28	28.2	27.5	27.2	26.9	29.6	24.6	88	85	74	73	77	79	79.3	2.8
17	55.15	55.91	56.61	54.78	55.59	56.69	55.79	25.2	24.5	27.4	24.6	26	25.7	25.6	28.7	23.6	90	94	82	94	87	88	89.2	60.3
18	55.67	56.41	56.75	54.69	55.64	56.81	56	25	25	27	28.5	28	26.5	26.7	29.4	24.5	91	92	83	73	77	84	83.3	------
19	55.26	56.75	57.52	55.16	56.39	57.32	56.40	25.8	25	29.8	29.6	28.6	26.3	27.5	31	24.6	87	87	65	67	74	84	77.3	------
20	56.49	57.15	57.09	55.53	56.77	57.98	56.84	25.5	25.6	28.5	28.6	27.9	26.5	27.1	29.8	25	86	84	74	69	69	75	76.2	1.3
21	57.22	57.77	57.44	55.42	56.52	57.89	57.04	25.7	25	28.5	29	24.6	26	26.5	29.6	23.6	90	90	71	65	96	88	83.3	20.5
22	56.92	57.42	57.94	55.15	56.11	57.72	56.88	24.8	24.6	24.	27.4	26.9	24.9	25.4	28	23.2	89	93	87	79	85	86	86.5	1.3
23	56.66	56.86	57.55	55.60	56.39	57.41	56.74	24.8	24.9	28.4	28.7	27	24.6	26.4	30	23.9	86	83	67	59	65	76	72.7	------
24	55.76	56.99	57.35	55.80	57.31	57.71	56.82	23.7	23	29	28	25	24.9	25.6	31	22.8	88	90	63	70	88	88	81.2	1.4
25	56.66	57.37	57.71	56.49	57.62	57.77	57.27	24.2	24	26.6	25.5	24.2	24.2	24.8	28.2	23.6	90	90	76	84	89	83	85.3	4.8
26	56.46	56.23	56.96	55.53	56.78	56.83	56.46	24.9	25.4	27.2	26	25	24.5	25.5	27.6	23.6	83	77	78	80	88	83	81.5	1.1
27	55.91	56.53	56.49	54.69	55.96	56.52	56.02	24.8	24.5	27	28.5	27	26.5	26.4	28.9	23.7	87	87	75	68	78	80	79.2	------
28	55.70	56.89	57.33	55.64	56.49	57.41	56.58	26	26	27.5	28.5	26.5	25.8	26.7	29.4	23.9	80	75	73	70	80	80	76.3	1
29	56.57	56.45	57.64	55.22	56.58	57.69	56.69	25.5	25	27.8	29	27	26	26.7	29.8	24.9	81	83	71	68	80	79	77	------
30	56.21	57.40	57.19	55.38	56.41	57.75	56.72	25.8	25	28.6	28	27.3	25.9	26.8	30	24.5	82	88	66	70	73	78	76.2	.5
31	56.71	57.94	58.52	56.14	57.22	58.39	57.49	25.4	25.5	28.1	27.9	27.6	25.5	26.7	28.7	24.6	80	84	75	71	76	88	79	------
Mean	56.23	56.66	57.40	55.36	56.20	57.23	56.51	25.2	24.9	27.9	28.3	27.1	25.9	26.6	29.7	24.2	86	87.7	74.1	72.8	78.3	83.2	80.4	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	136.5

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	N	N	Calm	S	SW	E	78.3	39.4	68.9	43.5	230.1	4	Ci.-S.	S.-Cu. NNE	10	Ci.-S.	S.-Cu. NNW
2	NW	NW	NW	E	N	N	37.3	87.7	87.2	54.9	267.1	10	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.-N. NW
3	N	N	NE	NE	N	N	47.2	80.4	96.3	64	287.9	5	Ci.-S.	Cu.	4	Ci.-S.	Cu. ESE
4	N	N	N	NE	NE	N	46.7	57	102.4	51.5	257.6	4	Ci.-S.	Cu. ESE	2	Ci.	Cu. ESE
5	N	NW	NE	NE	N	N	57.6	86.5	122.3	37.3	303.7	6	Ci.-S.	S.-Cu.	3	Ci.	Cu. ENE
6	N	N	NE	NE	NE	N	79.4	86.9	128.4	64.4	359.1	2	Ci.	Cu.	4	Ci.	Cu. NNE
7	NW	N	NE	NE	NE	N	55.5	79.7	112.1	84.5	331.8	2	Ci.	Cu.	3	Ci.	Cu. NNE
8	N	NW	NE	NE	NE	N	62.8	83.7	119.9	81.3	347.7	2	Ci.	Cu.	2	Ci.	Cu.
9	N	N	NE	NE	NE	N	49.9	83.3	88.9	66	288.1	4	Ci.	Cu.	3	Ci.-S.	Cu. NNE
10	N	N	NE	NE	NE	NE	60.1	81.2	113.2	57	311.5	8	Ci.-S.	Cu.-N. ENE	3	Ci.-S.	Cu.
11	N	N	NE	NE	N	N	60.1	106.7	132	92.2	391	9	Ci.-S.	Cu.	4	Ci.	Cu. NNE
12	N	N	N	NE	N	N	69.3	121	158.4	74	422.7	4	Ci.-Cu.	Fr.-Cu.	10	----------	N. NNE
13	N	N	NE	NE	N	NE	53.1	97.4	122.3	87.7	360.5	7	Ci.-S.	S.-Cu. ENE	9	Ci.-S.	S.-Cu. ENE
14	N	NE	N	NE	N	N	95.8	138.3	116.1	54.6	404.8	10	----------	N. ENE	10	----------	N. ENE
15	N	N	E	N	N	N	38.8	40.7	96.2	65	240.7	10	Ci.-S.	S.-Cu. ENE	10	Ci.-S.	S.-Cu. NE
16	N	N	E	NE	NE	NE	69.2	125.5	143.9	84.4	423	9	Ci.-S.	S.-Cu. ENE	8	Ci.-S.	S.-Cu. ENE
17	N	N	Calm	N	N	N	60.7	44.6	93.8	65.6	264.7	10	----------	N. NE	10	----------	N. ENE
18	NE	N	NE	NE	N	N	45.1	80.9	83.1	51.9	261	10	----------	Cu.-N. E	6	Ci.-S.	S.-Cu. ESE
19	N	N	E	NE	N	N	64.9	58.7	98.2	54.7	276.5	4	Ci.-S.	Cu.-N. ESE	2	Ci.	Cu. ESE
20	N	N	N	NE	NE	N	66	33.7	123.9	45.1	318.7	6	Ci.-S.	S.-Cu. NNE	2	Ci.	Cu.
21	Calm	Calm	NE	NE	N	NE	39.6	82.8	127.1	40.7	290.2	10	Ci.-S.	S.-Cu. E	8	Ci.-S.	S.-Cu. NNE
22	Calm	SE	Calm	Calm	Calm	Calm	31.8	45.1	27.6	34.9	139.4	10	----------	N. NE	10	Ci.-S.	Fr.-N. NE
23	N	NW	NE	NE	NE	Calm	71.1	62.8	133.6	28	295.5	3	Ci.-Cu.	Cu. NNE	3	Ci.	Cu. NNE
24	N	N	NE	NE	N	N	53.6	43.4	139.7	42.3	279	2	Ci.	Cu.	10	Ci.-S.	Cu.-N. NNE
25	NW	Calm	N	NE	N	N	40.2	77.7	115.1	77.2	310.2	10	Ci.-S.	S.-Cu.	10	----------	N. NNE
26	N	N	NE	NE	N	N	65.9	104.4	129.3	85	384.6	10	Ci.-S.	S.-Cu.	10	----------	N.
27	N	N	NE	NE	N	N	92.8	97.9	155.3	105.2	451.2	10	----------	N. E	9	Ci.-S.	S.-Cu. ENE
28	N	N	NE	NE	N	N	85.5	143.2	176	104.1	508.8	9	Ci.-S.	Cu.-N. ESE	5	Ci.-S.	S.-Cu. ENE
29	N	N	NE	NE	NE	NE	90.6	109.6	86.3	70	356.5	4	Ci.-S.	Cu. ENE	4	Ci.-S.	Cu. E
30	NE	N	NE	NE	N	N	49.1	95.8	104.6	50.4	299.9	8	Ci.-S.	S.-Cu. E	7	Ci.-S.	Cu. E
31	Calm	NW	SE	NE	NE	N	28	39.9	86.9	44.3	199.1	6	Ci.-S.	Cu.-N. E	9	Ci.-S.	Cu.-N. ESE
Mean	------	------	------	------	------	------	59.5	82.8	112.5	63.3	318.1	6.7	----------	----------	6.4	----------	----------
Total	------	------	------	------	------	------	------	------	------	------	9,862.6	----	----------	----------	----	----------	----------

ILOILO.

[$\phi = 10°\ 42'$ N; $\lambda = 122°\ 34'$ E; barometer above sea, 6.5 meters; gravity correction not applied, —1.84 mm.]

JANUARY, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.77	56.49	58.67	55.76	56.80	55.32	56.64	25.5	25	25.1	22.6	21	22.5	23.6	25.9	20.5	88	91	95	90	91	95	91.7	39.1
2	53.13	53.32	54.35	52.66	54.19	55.50	53.86	24	24.5	27.8	28	26	25.5	26	28.5	22.9	87	87	82	78	92	92	86.3	7.4
3	55.40	56.04	57.27	55.71	57.33	59	56.79	25.2	24.6	28.5	29.5	26	24.6	26.4	30.4	23.9	94	92	78	75	89	97	87.5	1
4	58.33	59.31	60.40	57.99	59.04	59.96	59.17	23.4	23.2	30	31.1	27.5	25.6	26.8	31.1	22.7	97	95	74	66	79	91	83.7	------
5	59.40	59.64	61.06	58.34	58.77	59.92	59.52	25.2	24.6	28.1	29.9	28.1	25.2	26.8	30.1	24.4	92	96	85	71	76	88	84.7	------
6	59.58	59.64	60.41	57.95	58.82	59.86	59.38	24.2	24.6	29	30.1	27.8	25.2	26.8	30.6	23.9	90	92	74	65	76	88	80.8	------
7	59.29	59.69	60.26	57.84	58.68	59.68	59.24	23.8	24.1	28.6	30.3	28	25.5	26.7	30.5	23.1	95	93	77	66	76	88	82.5	------
8	59.43	60.06	61.11	58.87	59.94	60.87	60.05	24.8	24.6	28.9	30.5	28.5	25.4	27.1	30.5	24.4	90	93	75	64	73	88	80.5	10.2
9	60.51	60.88	61.55	59.15	60.49	61.52	60.68	24.8	24.5	28.2	29.7	27.5	25.4	26.7	30	24	93	92	76	70	77	87	82.5	------
10	60.44	61.09	61.85	59.05	60.04	61.52	60.66	25	24.6	29	30	27.5	25.8	27	30.3	24	88	91	71	65	79	87	80.2	6.9
11	60.62	61.47	61.95	59.17	59.97	60.23	60.57	24.8	24	26.5	28.5	25.5	25.2	25.8	28.9	23	93	97	85	74	90	92	88.5	.5
12	59.23	59.44	60.58	58.33	59.68	60.07	59.56	24.6	24.5	26.6	27.5	24.3	24.2	25.8	28	23.5	95	92	83	73	97	97	89.5	2.5
13	58.81	59.05	59.90	57.18	58.01	58.03	58.50	24.4	24.1	26.5	28.5	25.7	25	25.7	29.1	23.4	95	94	84	76	86	90	87.5	3.8
14	56.81	56.86	58.04	55.33	55.90	56.35	56.55	24.5	24	26	24.6	24.5	24.4	24.7	26.1	22.9	91	91	87	95	95	93	92	10.4
15	54.36	54.22	55.64	53.18	54.35	55.72	54.58	24	24.5	24.5	26	26.1	25.1	25	27.5	23.6	95	96	97	92	92	94	94.3	10.7
16	54.75	55.50	57.40	55.38	56.60	58.20	56.30	25.2	24.8	26.4	25.5	24.8	24	25.1	26.5	23.4	85	85	78	83	81	85	82.8	------
17	57.81	58.12	59.14	57.09	58.24	59.38	58.30	23.4	23	26	27	24.6	22.9	24.5	27.5	22.2	85	87	73	66	75	85	78.5	------
18	59.10	59.37	60.41	57.91	59.18	60.02	59.33	21.7	21.3	26.7	28	24.5	22.8	24.2	29	21	89	92	64	57	75	86	77.2	------
19	59.26	59.57	60.39	58.48	59.32	59.91	59.49	22.2	22	27	28.1	25.6	23.6	24.8	28.8	21.6	91	91	65	63	71	81	77	------
20	59.31	59.44	60.29	57.69	58.84	59.35	59.15	22.5	21.8	26	27.2	24.4	23.2	24.2	27.9	21.7	85	87	69	62	76	81	76.7	------
21	58.81	58.76	59.14	57.06	57.64	57.84	58.21	23	21.8	25.5	27.1	25.2	24.4	24.5	27.4	21.6	88	86	74	70	80	84	79.5	------
22	57.29	57.16	58.04	56.13	56.75	57.40	57.13	24.2	24.1	25	28.1	25.1	24.5	25.2	28.5	23.1	86	86	87	70	86	91	84.3	1.8
23	56.34	56.80	57.29	55.38	56.80	57.87	56.75	23.6	23.7	28.5	29	26.7	25.2	26.1	29.5	23.4	97	91	74	70	82	90	84	------
24	57.23	57.54	58.46	56.08	57.44	58.75	57.58	24.6	24.5	27	28.2	24.5	24.5	25.6	29	24	91	94	81	73	92	92	87.2	2.5
25	58.09	58.64	59.48	56.95	57.71	58.96	58.30	24	23.6	28.2	29	26.6	24.8	26	30.2	23.3	91	89	74	70	84	92	83.3	3.8
26	57.63	57.70	58.84	56.28	57.23	58.91	57.76	24.8	24.5	27.7	27.5	24.3	24.3	25.5	30	23.9	92	92	76	80	99	96	89.2	17.8
27	57.49	57	58.28	55.62	56.42	57.58	57.06	24.2	24	28	29.1	27.2	25.4	26.3	29.6	23.6	95	96	74	64	75	87	81.8	------
28	57.34	57.38	57.99	55.66	56.62	57.10	57.02	25.2	24.7	28.1	29	27.3	25	26.6	29.4	24.3	88	91	73	67	82	93	82.3	2.5
29	56.63	56.93	57.68	55.11	56.13	58.10	56.76	24.4	24.3	28.5	29	26.2	23.6	26	30.6	23.3	92	91	70	70	85	99	84.5	20.4
30	57.30	57.30	58.15	55.81	56.51	57.73	57.13	23.4	23.3	27.5	30	28	24.4	26.1	31	23.1	98	96	77	68	81	92	85.3	12.7
31	56.49	56.59	57.64	55.15	56.02	57.25	56.52	24.3	24.6	28	32	28.6	24.5	27	32.4	23.9	91	88	75	53	70	87	77.3	------
Mean	57.84	58.10	59.09	56.72	57.72	58.64	58.02	24.2	23.9	27.3	28.4	26.1	24.6	25.7	29.2	23.1	91	91.4	77.6	71.2	82.6	89.9	84	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	154

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NE	NE	NE	NE	S	S	63.8	77.9	36.5	58.2	236.4	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
2	SE	W	SW	SW	SW	SW	71.3	103.2	128.4	86.4	389.3	10	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.
3	SW	SW	S	SW	SW	Calm	71.8	60.6	105.7	30.8	268.9	8		Cu.-N. SW	7	Ci.	Cu.
4	Calm	Calm	SW	SW	SW	SW	10.3	17.2	44.9	12.3	84.7	5	Ci.	Cu.	4	Ci.	Cu.
5	SW	NE	NE	NE	NE	N	42.1	88.8	102.4	73.4	306.7	5	Ci.	Cu.	7	Ci.	Cu.
6	N	N	NE	NE	NE	N	63.6	102	116.9	96.9	379.4	4	Ci.	Cu.	5	Ci.	Cu.
7	N	N	NE	NE	NE	N	73	112.9	139	81.5	406.4	4	Ci.	Cu.	4	Ci.	Cu.
8	N	N	N	NE	NE	N	90.3	105.9	136	95.3	427.5	7	Ci.	Cu.	6	Ci.	Cu.
9	N	N	NE	NE	NE	NE	90.9	147.1	151.5	88.5	478	7	Ci.	Cu.	8	Ci.-S.	Cu.-N.
10	N	N	NE	NE	NE	N	106.7	153.5	159.7	94.3	514.2	6	Ci.	Cu.	4	Ci.	Cu.
11	N	NE	NE	NE	NE	N	103.6	125.5	141.9	103.2	474.2	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
12	N	N	NE	N	NE	N	107	138.2	146.7	78.7	470.6	6	Ci.	Cu.	10	Ci.-S.	Cu.-N.
13	N	N	NNE	N	N	N	116.7	125.5	141.4	126.1	509.7	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
14	N	N	N	N	N	NE	118.1	106.2	101.2	40.8	366.3	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
15	NW	Calm	Calm	SW	SW	Calm	22.2	30	37.5	27.4	117.1	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
16	N	N	N	NE	N	NE	107.2	158.4	174.2	149.7	589.5	9	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
17	NE	NE	NE	N	NNE	NE	151.3	199.1	230.7	144.3	725.4	8	Ci.-S.	Cu.	10	Ci.-S.	Cu.
18	N	NE	NE	NE	N	NE	114.9	150.7	164.1	85.6	515.3	8	Ci.-S.	Cu.	8	Ci.	Cu.
19	N	NE	NE	N	NE	N	89.3	165.8	175.7	106.7	537.5	8	Ci.	Cu.	6	Ci.	Cu.
20	N	N	NE	N	NE	N	104.9	151.9	163.2	78.6	498.6	8	Ci.	Cu.	8	Ci.-S.	Cu.
21	NE	NE	NE	N	NE	N	84	120.4	141.3	77.5	423.2	9	Ci.-S.	Cu.	10	Ci.-S.	Cu.
22	NE	NE	NE	N	NE	NE	56.3	89.5	133.3	81.1	360.2	9	Ci.-S.	Cu.	8	Ci.-S.	Cu.
23	N	NE	N	N	NE	NE	50.7	131.4	120.2	57.4	359.7	8	Ci.-S.	Cu.	9	Ci.-S.	Cu.
24	N	NE	N	N	N	N	77.7	119.6	150.7	91.4	439.4	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N.
25	N	N	NE	NE	N	NE	104.4	146.6	180.3	111.3	542.6	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N.
26	N	N	NE	NE	N	N	117.5	150.7	148.6	118.8	535.6	8	Ci.	Cu.	10	Ci.-S.	Cu.-N.
27	N	N	NE	NE	NE	NE	134.2	165.8	187.8	109.6	597.4	8	Ci.	Cu.	8	Ci.-S.	Cu.-N.
28	N	N	NE	NE	NE	NE	108.8	153.9	133.8	65.4	466.9	7	Ci.	Cu.	8	Ci.	Cu.
29	N	N	NE	E	NE	N	90.9	103	110.5	92.8	397.2	7	Ci.	Cu.	8	Ci.-S.	Cu.-N.
30	N	N	NE	E	E	NE	63.4	98.2	59	59.2	284.8	8	Ci.	Cu.	8	Ci.	Cu.
31	NE	NE	NE	SE	Calm	NE	44	64.9	50.1	53.2	217.2	7	Ci.	Cu.	4	Ci.	Cu.
Mean	------	------	------	------	------	------	85.7	118.2	129.6	83.3	416.8	7.9	------	------	8	------	------
Total	------	------	------	------	------	------	------	------	------	------	12,919.9	------	------	------	------	------	------

ILOILO.

[$\phi = 10°\ 42'$ N; $\lambda = 122°\ 34'$ E; barometer above sea, 6.5 meters; gravity correction not applied, —1.84 mm.]

FEBRUARY, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.47	56.53	57.85	55.34	55.88	57.35	56.57	24.6	23.8	28.4	29.9	27.1	25.5	26.6	30.5	23.8	91	96	77	69	83	89	84.2	
2	56.99	57.04	58.46	55.80	56.32	57.79	57.07	24.8	24.2	28.5	29.6	27.5	24.5	26.5	30.1	23.4	93	92	71	69	84	92	83.5	55.9
3	57.07	57.14	58.64	56.24	57.02	58.20	57.38	24.2	24.4	28	29.5	27.3	26	26.6	31	23.8	94	91	77	72	86	90	85	
4	57.49	58.02	59.15	56.82	56.96	58.12	57.76	24.8	24.5	29.5	30.5	27.1	26.6	27.2	30.6	24	96	97	66	59	80	84	80.3	
5	57.52	57.81	59.11	56.77	57.21	58.41	57.80	25.1	25.3	28.6	29.1	27.5	25.2	26.8	29.9	24	92	92	78	78	84	92	86	2
6	58.20	58.79	59.62	56.71	56.81	57.58	57.95	24.2	24	29.5	31.5	27.7	25.6	27.1	33	23.9	93	91	68	57	76	88	78.8	
7	57.12	57.19	58.40	56.06	56.36	57.47	57.10	24.5	23	28.7	30	27.4	25.2	26.5	31.7	22.8	91	94	69	61	74	88	79.5	
8	57.04	57.12	58.52	56.44	56.66	58.93	57.45	23.6	21.5	28.1	29	27.3	24.2	25.6	30.2	21.3	93	97	68	61	74	91	80.7	
9	58.86	59.16	60.35	58.01	58.98	59.97	59.22	21.8	20.6	27.5	30.1	27.1	23.8	25.2	30.4	20.3	89	92	67	46	69	73	72.7	
10	59.84	60.07	61.29	58.58	58.95	60.52	59.88	22	19.4	27	28.5	27.1	23.6	24.6	29.5	18.9	78	86	61	60	69	85	73.2	
11	59.60	59.64	61	58.50	59.42	60.21	59.73	22.2	22.6	28.5	30	27.5	24.7	25.9	30.5	22	91	87	66	59	68	87	76.3	
12	59.06	59.20	60.80	58.32	59.08	60.71	59.53	24.2	24.4	26	29.1	26.7	24.4	25.8	29.6	23.9	88	87	86	66	74	87	81.3	20.6
13	60.13	60.21	61.57	58.77	59.44	61.37	60.25	23.5	22.6	24.9	28	26.2	24.6	25	28.5	22.4	94	99	84	71	75	85	84.7	5.3
14	60.21	60.43	61.53	58.51	58.71	60.07	59.91	24	24.3	27.7	29	27	24	26	30	23.5	88	87	72	68	70	88	78.8	
15	59.04	59.31	60.65	57.84	58.50	60.16	59.25	23.4	23.3	28	30	27.2	24.2	26	30.5	23	90	87	68	53	68	82	74.7	
16	58.85	59.16	60.95	57.59	58.65	60.38	59.26	23.2	22.8	28.8	30.4	28	25.8	26.5	32.2	22.4	87	90	67	60	70	85	76.5	
17	58.78	58.91	60.12	57.14	57.95	59.07	58.66	23.8	23.8	28.7	30.1	27.7	25.6	26.6	31.4	23.4	93	91	69	61	71	85	78.3	
18	57.83	57.90	58.48	55.71	56.38	57.72	57.34	24.6	24	28.1	30	26.5	24.2	26.2	30.5	23.7	92	91	77	68	84	94	84.3	33.8
19	56.62	57.33	57.68	55.08	56.18	57.54	56.74	24.2	22.5	26	27.5	24.7	24.2	24.8	27.8	22	94	97	82	80	96	95	90.7	9.6
20	56.75	56.75	57.07	55.21	55.78	57.20	56.46	24.2	24	27.5	28.3	26.3	25.4	26	29.4	23.8	95	97	80	75	86	92	87.5	5
21	56.22	56.21	58.09	55.10	55.83	57.54	56.50	24.8	24.6	27	28.7	25.3	25	25.9	29.4	24.2	95	96	82	75	91	91	88.3	13.5
22	56.88	57.33	58.23	55.91	57.19	58.52	57.34	24.2	24	27	27.9	24	24	25.2	29.6	23.6	97	96	84	78	97	96	91.3	26.1
23	57.53	57.34	59.04	56.47	57.63	58.87	57.81	23.7	23.7	27.5	29.5	24.5	24.4	25.6	30.6	23.4	98	96	81	61	92	88	86	27.9
24	58.15	58.41	59.02	56.85	56.97	58.76	58.03	22.6	22.3	27.6	29.6	27	25	25.7	29.7	22	95	93	73	57	80	88	81	
25	58.03	58.60	59.11	56.61	57.13	58.15	57.94	23.6	24	27.6	29	27	24.3	25.9	29.9	23.4	91	91	79	70	72	86	81.5	1.3
26	57.96	58.14	58.96	56.46	56.63	58.13	57.71	23.2	23	28.9	29	27.1	24	25.9	30	22.6	88	91	65	64	75	96	79.8	
27	57.15	57.65	58.98	56.56	56.80	58.35	57.58	23.2	22.8	28.5	28.5	27	23.8	25.6	30	22.4	89	92	58	66	73	86	77.3	
28	57.31	57.82	59.13	55.89	56.40	58.37	57.49	22.8	22.5	28.4	30.3	28	25.2	26.2	31	22	89	90	69	60	70	83	76.8	
29	57.42	57.83	59.30	56.72	56.71	58.53	57.75	24.8	24.8	29.3	27.5	27.5	26.2	26.7	29.9	24.4	87	92	66	84	77	84	81.7	8.4
Mean	57.94	58.17	59.35	56.76	57.33	58.76	58.05	23.8	23.3	27.9	29.3	26.8	24.8	26	30.3	22.9	91.4	92.3	72.8	65.8	78.2	87.9	81.4	
Total																								209.4

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NE	NE	E	ENE	NE	N	44.5	81.3	115.3	84.2	325.3	4	Ci.	Cu.	4	Ci.	Cu.
2	N	NE	NE	NE	E	Calm	78.6	107.6	77.5	42.8	306.5	5	Ci.	Cu.	8	Ci.	Cu.
3	Calm	N	Calm	SW	SW	SW	16.6	21.7	86.1	44.5	168.9	8	Ci.-S.	Cu.	4	Ci.	Cu.
4	Calm	Calm	SW	SW	SW	SW	12.4	34.4	77.4	57.7	181.9	5	Ci.	Cu.	7	Ci.	Cu.
5	Calm	Calm	SW	SW	SW	W	17.4	46.2	94.6	55	213.2	7	Ci.-S.	Cu.	4	Ci.	Cu.
6	Calm	Calm	W	SE	SW	W	14	18.5	62	41.3	135.8	6	Ci.	Cu.	3	----------	Cu.
7	W	W	N	SW	SW	SE	43.3	51.8	83.4	37	215.5	3	Ci.	Cu.	3	----------	Cu.
8	Calm	Calm	SE	SW	SW	Calm	10.5	25.2	70.8	20.4	126.9	3	----------	Cu.	2	----------	Cu.
9	Calm	Calm	NE	E	S	NE	23	48.3	66.5	47.5	185.3	10	Ci.-S.	Cu.	4	Ci.	Cu.
10	NE	NE	NE	NE	NE	NE	62.6	72.1	148.6	83.4	366.7	7	Ci.	Cu.	8	Ci.-S.	Cu.-N.
11	N	N	NE	NE	NE	N	81.8	131.4	149.7	91.1	454	3	Ci.	Cu.	5	Ci.	Cu.
12	N	N	NNE	NE	NE	N	111.5	112	163.4	95.8	482.7	8	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.
13	NE	N	NNE	NE	NE	N	66.6	119.1	133.8	93	412.5	10	Ci.-S.	Cu.-N.	7	Ci.-S.	Cu.-N.
14	N	N	NNE	NE	NE	N	78.1	111.5	125.3	96	410.9	10	Ci.-S.	Cu.-N.	5	A.-Cu.	Cu.
15	N	N	NE	NE	NE	N	106.2	149.7	149.9	64.1	469.9	7	Ci.	Cu.	6	Ci.	Cu.
16	N	N	NE	NE	NE	NE	70.8	102.7	126.9	82.4	382.8	6	Ci.	Cu.	6	Ci.	Cu.
17	N	N	NE	NE	NE	N	79.1	108.4	142.7	70.3	400.5	8	Ci.-S.	Cu.	8	Ci.	Cu.
18	NE	N	NNE	N	NE	N	69.7	102.8	108.8	88.8	370.1	10	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.
19	NE	N	N	N	NE	N	74.2	120.9	110.2	101.2	406.5	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
20	N	N	NE	NE	NE	N	68.9	123.7	116.1	91.1	399.8	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
21	N	NE	NE	NE	E	SE	58.7	106.8	120.4	40.2	326.1	10	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.
22	SE	SE	S	SW	NE	NE	21.4	30.3	58.1	27.7	137.5	7	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N.
23	NE	Calm	NE	NE	S	SE	22.8	34.1	57.7	27.6	142.2	9	Ci.-S.	Cu.	9	Ci.-S.	Cu.-N.
24	Calm	E	NE	E	E	E	27	47.5	50.1	34.3	158.9	9	Ci.-S.	Cu.	8	Ci.	Cu.
25	NE	NE	NE	NE	NE	NE	54.5	85.6	104.3	78.4	322.8	8	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.
26	N	N	N	E	NE	NE	78.9	85.5	126.6	77.5	368.5	6	Ci.	Cu.	8	Ci.-S.	Cu.
27	N	N	NE	NE	NE	NE	68.4	115.4	124.2	73.4	381.4	6	Ci.	Cu.	9	Ci.-S.	Cu.
28	NE	N	NE	NE	NE	NE	73.4	120.1	142.6	80.5	416.6	4	Ci.	Cu.	9	Ci.-S.	Cu.-N.
29	NE	NE	NNW	SW	NE	NE	63	63.9	60	67.8	254.7	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
Mean							55.1	82	105.3	65.3	307.7	7.2			6.9		
Total											8,924.4						

ILOILO.

[$\phi = 10°\ 42'$ N; $\lambda = 122°\ 34'$ E; barometer above sea, 6.5 meters; gravity correction not applied, —1.84 mm.]

MARCH, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.83	58.60	60.03	58.95	58	59.41	58.80	25	24.1	27	23	23.6	23.6	24.4	27.1	21.9	89	95	85	97	91	91	91.3	57.7
2	58.56	58.42	59.95	57.82	57.89	59.96	58.77	23.5	23.5	26.9	27	26.1	24.2	25.2	28	22.9	90	86	70	77	75	85	80.5	------
3	58.90	59.05	60.62	58.41	58.70	60.18	59.31	23.3	23.6	27.4	29.5	26.6	25	25.9	29.7	23.2	87	86	71	61	76	83	77.3	------
4	59.73	59.82	61.16	59.11	58.90	60.38	59.85	24.4	24.2	26.1	25.8	25.2	23.5	24.9	26.5	22.8	87	87	80	76	86	91	84.5	------
5	59.05	59.91	60.57	57.91	57.82	59.48	59.12	22.4	23	28.8	29	27	24.5	25.8	29.6	22.3	95	95	65	69	81	91	82.7	------
6	58.29	58.44	59.35	56.09	57.03	58.40	57.93	23.6	23.5	29	30	27.6	25.4	26.5	30.6	23.5	90	94	71	65	80	87	81.2	------
7	57.23	57.75	59.03	55.90	56.87	58.22	57.50	24.2	24	29	31.5	28.5	26.2	27.2	32.9	23.9	91	91	71	60	78	85	79.3	------
8	57.90	58.52	59.32	56.65	57.91	59.53	58.30	25.6	25.3	29.5	32.5	28.4	26	27.9	32.5	24.9	87	91	68	58	78	87	78.2	------
9	59.07	59.13	60.30	57.31	58.07	58.94	58.80	25.2	24.1	29	30.5	28.2	24.8	27	31.5	23.8	90	91	67	58	69	88	77.2	------
10	58.44	58.70	60.05	56.60	57.50	58.50	58.30	24.2	23.5	29	30	28	25.4	26.7	30.4	23	91	92	71	59	69	85	77.8	------
11	57.58	58.01	59.16	56.26	57.39	59.36	57.96	24.4	23.6	29.5	31	28.3	25	27	31.5	23.2	87	87	68	59	73	88	77	------
12	58.62	58.75	60.04	56.61	57.87	59.44	58.56	24.5	24	29	30.6	28	25.8	27	31.1	23.6	92	94	71	65	77	89	81.3	------
13	58.77	59.28	60.42	57.91	58.30	60.30	59.16	24.8	25	29.5	31	28.5	25.2	27.3	31.2	24.6	88	88	72	56	64	85	75.5	------
14	58.93	58.75	59.23	57.05	57.57	59.51	58.51	24.2	23.5	29.1	30.2	28.1	24.5	26.6	31	23.5	91	92	64	52	65	87	75.2	------
15	58.19	58.30	58.81	56.04	57.64	59.08	58.01	23.4	23.4	28.9	29	23.1	23.8	25.3	31	22.4	85	85	62	68	99	93	82	11.7
16	58.21	58.55	59.62	56.95	57.56	59.68	58.43	24	23.8	28	29	27.3	25.1	26.2	29.9	23.2	90	88	69	62	76	86	78.5	1.3
17	58.63	59.26	60.28	57.77	58.41	60.08	59.07	24.2	23.2	27	30.1	26.5	25.2	26	30.5	22.9	91	92	80	58	77	83	80.2	------
18	59.22	59.44	59.91	57.49	57.84	60.31	59.04	24.8	23.5	29	30.5	28.2	24.4	26.7	31.1	23.3	87	94	64	50	56	78	71.5	------
19	58.99	58.66	59.72	57.64	57.58	58.86	58.58	24.3	24.2	28.5	29.5	27.2	25.8	26.6	30.5	23.9	82	83	64	58	70	78	72.5	------
20	58.17	58.38	59.78	57.34	57.26	58.88	58.30	24.6	24.4	28	30.5	28.5	25	26.8	31.1	24.4	87	88	75	62	63	79	75.7	------
21	58.53	58.85	60.19	57.81	58.49	60.05	58.99	23.5	24	29	31	28.6	26.2	27	31.5	23.3	89	87	64	50	64	78	72	------
22	59.40	59.58	60.70	58.51	58.35	60.38	59.49	25.5	24.3	30	30.5	29.2	25.6	27.5	31.9	24	83	92	71	62	68	88	77.3	------
23	59.67	59.86	60.85	58.81	58.85	61.38	59.90	25.2	24.7	29.5	30.5	28.7	25.5	27.4	31.1	24.5	91	92	72	59	69	84	77.8	------
24	61.01	61.02	62.24	59.70	60.60	61.72	61.05	24.2	24	29.2	29.6	26.7	24.4	26.4	30.5	23.9	91	91	66	62	76	90	79.3	------
25	60.71	60.89	62.01	59.40	59.46	60.98	60.58	24.5	23.6	25.5	28.2	27.6	25.6	25.8	30	23.4	92	95	88	63	68	78	80.7	.3
26	60.51	60.93	61.82	59.10	59.04	60.60	60.33	24	24	28.2	30	27.8	25.3	26.6	30.9	23.7	86	86	66	62	75	84	76.5	------
27	59.88	59.92	61.27	58.74	59.29	61.27	60.06	24.3	24.1	29.5	31.5	29	24.8	27.2	31.6	23.4	87	86	61	54	68	93	74.8	4.6
28	60.21	60.03	60.84	58.01	58.43	60.06	59.60	24.6	24	30	31.5	29	26	27.5	31.9	23.6	90	91	65	56	64	84	75	------
29	58.90	58.94	59.60	56.82	57.09	59.13	58.41	25.5	24.5	29.5	31.5	29	26.4	27.7	31.7	24.4	86	91	67	48	68	82	73.7	------
30	58.30	58.74	59.20	56.51	56.57	58.32	57.94	25.1	25	30	31.5	29.4	25.4	27.7	31.8	24.3	92	92	64	52	62	85	74.5	------
31	57.87	58.29	59.07	55.98	57.11	58.26	57.76	24.2	25	28.6	31	28.5	25.5	27.1	32	24	95	90	67	56	68	84	76.7	------
Mean	58.88	59.12	60.17	57.59	58.04	59.70	58.92	24.4	24	28.6	29.9	27.6	25.1	26.6	30.7	23.5	89	90.1	69.6	61.1	72.7	85.5	78	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	75.6

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	N	NE	NE	NE	NE	N	65.4	91.7	98.5	114.3	369.9	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
2	N	N	NNE	NE	NE	NE	122.5	162.3	138.2	117.3	590.3	9	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
3	N	N	NE	NE	NE	N	121.8	160.6	181.9	119.1	583.4	10	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.
4	N	N	NE	NE	E	N	105.1	112.1	108	99.5	424.7	10	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N.
5	NE	NE	N	E	NE	N	49.6	100.9	131.5	75.8	357.8	6	Ci.	Cu.	5	Ci.	Cu.
6	NE	N	NE	NE	E	N	67.8	100.4	113.7	66	347.9	4	Ci.	Cu.	6	Ci.	Cu.
7	N	N	NE	E	S	E	78.3	71.4	42.4	51.2	243.3	5	Ci.	Cu.	5	A.-Cu.	Cu.
8	E	E	ENE	E	Calm	N	36.2	61.2	61.2	49.7	208.3	6	Ci.	Cu.	7	Ci.	Cu.
9	N	N	NNE	NE	NE	N	37	69	126.6	68.4	301	7	Ci.	Cu.	8	Ci.	Cu.
10	NE	N	NE	NE	NE	N	64.6	114.3	134.9	82.3	396.1	5	Ci.	Cu.	6	Ci.	Cu.
11	N	N	NNE	NE	NE	NE	60	108	141.4	84.5	393.9	8	Ci.	Cu.	5	Ci.	Cu.
12	N	N	NE	NE	NE	N	84.2	138.9	157.4	103.6	484.1	8	Ci.	Cu.	6	Ci.	Cu.
13	N	N	NE	NE	NE	N	85.8	110.2	151.9	77.7	425.6	8	Ci.	Cu.	8	Ci.-S.	Cu.
14	N	N	NE	NE	NE	NE	89.9	158.2	170.7	67.9	486.7	6	Ci.	Cu.	7	Ci.	Cu.
15	N	N	NE	NE	NE	NE	90.1	138.6	200.1	104.6	533.4	5	Ci.	Cu.	8	Ci.	Cu.
16	N	N	NE	NE	NE	N	123.7	158.9	161.2	121	564.8	9	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
17	NE	N	N	NE	N	N	109.6	146.1	176.5	109.6	541.8	10	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.
18	N	N	NE	NE	NE	N	100.8	145	169.5	79.4	494.7	6	Ci.	Cu.	4	Ci.	Cu.
19	N	N	NE	NE	N	N	104.1	144.6	154.8	71.9	475.4	5	Ci.	Cu.	9	Ci.-S.	Cu.-N.
20	N	N	NE	NE	NE	NE	85.1	130.4	131	65.7	412.2	8	Ci.	Cu.	6	Ci.	Cu.
21	N	N	NE	NE	NE	N	90.1	129.8	143.7	61.8	425.4	5	Ci.	Cu.	8	Ci.	Cu.
22	N	N	N	NE	NE	N	85.3	122.9	152.3	93.3	453.8	7	Ci.-S.	Cu.	5	Ci.	Cu.
23	N	N	NE	NE	NE	NE	95.8	156.8	191.6	82.7	526.9	4	Ci.	Cu.	4	----------	Cu.
24	N	N	NE	E	N	NE	109.7	172.4	193	107.6	582.7	4	Ci.	Cu.	6	Ci.	Cu.
25	N	N	NNW	NE	NE	NE	124.5	162.1	185.6	133	605.2	8	Ci.-S.	Cu.	9	Ci.-S.	Cu.-N.
26	N	N	NE	NE	NE	N	131.7	169	189	136	625.7	8	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.
27	N	N	NE	NE	NE	NE	138.6	184.5	178.2	84.5	585.8	6	Ci.	Cu.	7	Ci.	Cu.
28	N	N	NE	NE	NE	N	94.8	137.3	157.1	77.2	466.4	9	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.
29	N	N	NE	NE	NE	NE	90.4	150.8	185.3	102.8	529.3	5	Ci.	Cu.	3	----------	Cu.
30	N	N	NE	NE	NE	N	83.4	149.1	185.4	106.2	524.1	5	Ci.	Cu.	5	Ci.	Cu.
31	N	N	NE	NE	N	NE	73	84.8	134.1	85.1	377	9	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.
Mean	------	------	------	------	------	------	90.3	130.4	151.5	90.3	462.5	6.9	----------	----------	7	----------	----------
Total	------	------	------	------	------	------	------	------	------	------	14,337.6	----	----------	----------	----	----------	----------

ILOILO.

[$\phi = 10°\ 42'$ N; $\lambda = 122°\ 34'$ E; barometer above sea, 6.5 meters; gravity correction not applied, —1.84 mm.]

APRIL, 1916.

Day.	Atmospheric pressure, 700 mm. +							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.48	57.53	58.51	56.41	56.96	58.26	57.52	23.6	23.6	29	31	28.5	25.4	26.8	31	23.4	95	94	64	59	64	80	76	------
2	57.29	57.94	59.06	56.66	57.87	59.88	58.12	23	22.5	29	30.5	28.3	24.2	26.2	31.5	22.1	93	91	64	62	70	86	77.7	------
3	59.76	59.96	60.27	58.10	58.34	60.27	59.45	23.1	23.2	29.7	32	29	25.8	27.1	32.4	22.9	91	91	63	54	71	87	76.2	------
4	59.73	60.18	60.72	58.19	58.92	60.91	59.78	24.6	23.5	30.6	30.5	28.4	24.9	27.1	32.1	23.4	87	89	65	62	68	81	75.3	------
5	60.21	60.39	61.30	58.63	59.49	61.72	60.29	23.5	23.6	29.6	31.4	28.8	25.8	27.1	31.5	22.9	88	88	67	52	68	85	74.7	------
6	60.75	60.81	61.64	59.24	60.20	61.61	60.71	24.6	24.5	30	30.5	29	26.4	27.5	31	24	92	92	64	58	67	80	75.5	------
7	61.21	61.39	61.90	60.08	60.66	62.30	61.26	24.8	25.3	29	31	28.6	26.6	27.6	31.9	24.2	84	85	67	53	73	81	73.8	1.3
8	61.18	60.91	60.87	58.67	59.09	60.75	60.24	25.2	25	29	31	28.4	25.2	27.3	31.5	24.4	85	83	68	56	68	88	74.7	------
9	59.72	60.12	60.67	58.60	59.22	60.55	59.81	24.6	24.5	30	30.7	28	26	27.3	31.9	24.4	91	92	65	56	70	79	75.5	------
10	59.70	60.01	60.77	58.49	58.71	60.40	59.68	24.5	24.6	30.2	32	29.5	25.8	27.8	32.5	24.3	87	89	61	41	59	81	69.7	------
11	59.10	59.47	60.32	57.80	58.09	60.04	59.14	24.6	24.6	30	31.2	28.5	27.2	27.7	32.4	24.2	90	89	59	51	70	79	73	------
12	59.30	59.34	60.34	58.40	58.51	60.69	59.43	25	25	30	30	29	26.2	27.5	31.3	24.3	84	88	65	62	71	87	76.2	------
13	59.82	59.42	60.47	57.80	58.44	60.62	59.43	25	24.8	29.5	31.5	29.8	27.2	28	32.4	24.5	90	91	64	52	56	68	70.2	------
14	59.49	59.30	60.28	57.61	57.83	59.81	59.06	25	24.7	30.6	32.6	30.1	26.5	28.2	33.2	24.5	85	90	60	46	53	79	68.8	------
15	58.33	58.32	59.06	56.71	57.60	59.25	58.21	25	24.8	30.5	31.3	29.4	26.4	27.9	31.8	24.3	87	91	61	54	62	78	72.2	------
16	57.84	58.02	58.74	56.42	56.82	57.93	57.63	25	24.6	30.2	30	29.3	27.2	27.7	31.8	24.2	85	82	62	66	63	75	72.2	------
17	56.43	56.47	56.96	55.12	56.05	56.92	56.82	26	25.4	31.2	29.5	27	25.8	27.5	32.8	24.8	81	84	62	76	80	87	78.3	15.5
18	56.18	56.41	56.74	54.74	55.05	57.05	56.03	24.4	23.8	30	30.8	29	26.8	27.5	31.5	23.4	95	97	68	71	74	86	81.8	------
19	55.90	56.27	57.59	55.40	56.12	57.57	56.48	26.4	25.5	29.5	28.8	28.5	25.5	27.4	30.1	24.9	87	91	78	76	78	88	83	------
20	56.84	56.90	57.56	55.12	55.30	57.12	56.47	24.6	24.5	30	30.2	28.6	26	27.3	31.8	23.6	90	88	68	69	75	89	79.8	------
21	56.62	56.77	57.60	55.25	55.71	57.28	56.54	24.6	23.6	30.5	30.2	29	26	27.3	31.5	23.3	92	95	65	69	71	80	78.7	------
22	56.78	56.99	57.71	55.43	55.95	57.20	56.68	24.2	23.6	31.1	31	29.2	26.6	27.6	31.9	23.5	88	90	62	59	70	81	75	------
23	56.65	56.76	57.41	54.93	55.20	57.22	56.36	25.4	24.5	31.1	30.8	28.6	25.8	27.7	33	24.4	87	92	54	67	75	84	76.5	------
24	56.48	56.87	57.19	54.87	55.98	57.27	56.44	25.4	24.5	31	32.7	29.5	27.2	28.4	33.5	24.2	87	89	61	57	66	78	73	------
25	56.82	57.22	57.85	55.63	56.35	58.14	57	25.5	25	31	32	29.9	26.8	28.4	33.1	24.2	86	88	59	61	60	78	72	------
26	57.45	58.03	58.92	56.55	58.35	59.44	58.12	25.6	25	30.5	31.5	26.4	26.6	27.6	33.1	23.4	84	88	65	66	77	74	75.7	------
27	57.67	58.14	59.04	56.70	57.58	59.16	58.05	25	24.4	31	32	28.6	26	27.8	32.9	24.1	82	90	59	55	71	79	72.7	------
28	58.15	58.18	58.79	56.04	57.39	58.77	57.89	25	24.5	29.8	31.8	28.4	27	27.8	32.5	24.3	83	86	69	61	70	78	74.5	------
29	57.72	58.34	58.97	57.66	57.63	58.92	58.21	26	24.6	30.5	28.3	26.2	25	26.8	31.3	24.4	82	92	65	68	78	82	77.8	------
30	58.07	58.48	59.17	57.10	57.76	59.35	58.32	24.6	24	31	31	29.2	26.2	27.7	32.3	23.5	85	84	62	56	67	78	72	------
Mean	58.29	58.50	59.21	56.95	57.57	59.21	58.29	24.8	24.4	30.2	30.9	28.7	26.1	27.5	32	23.9	87.4	89.3	63.9	59.8	68.8	81.2	75.1	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	16.8

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Mid-night.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0-10*			*0-10*		
1	N	N	NE	E	E	NE	58.2	95.8	94.1	37.3	285.4	4	Ci.	Cu.	8	Ci.-S.	Cu.
2	NE	N	E	E	NE	N	56.1	91.4	122.5	44.6	314.6	6	Ci.	Cu.	7	Ci.	Cu.
3	N	NE	NE	NE	NE	NE	64.2	91.1	119.6	53.7	328.6	5	Ci.	Cu.	7	Ci.	Cu.
4	NE	NE	NE	NE	NE	NE	61.4	95.6	137.8	58.9	353.7	4	Ci.	Cu.	8	Ci.-S.	Cu.
5	NE	NE	E	NE	NE	NE	56.9	114.3	146.4	97.4	415	4	Ci.	Cu.	4	Ci.	Cu.
6	N	N	NE	NE	NE	N	93.5	171	198.8	112.3	575.6	4	Ci.	Cu.	8	Ci.	Cu.
7	N	N	NE	NE	NE	N	115.7	172.6	165.8	119.9	574	4	Ci.	Cu.	8	Ci.-S.	Cu.
8	N	N	NE	NE	NE	NE	129.3	172.6	188.1	81.1	571.1	8	Ci.-S.	Cu.	7	Ci.	Cu.
9	N	N	NE	NE	NE	N	65.8	138.1	178.2	112.1	494.2	8	Ci.-S.	Cu.-N.	3	Ci.	Cu.
10	N	N	NE	NE	NE	N	91.9	133.6	175.2	96.6	497.3	7	Ci.	Cu.	2	Ci.	Cu.
11	N	N	NE	NE	NE	NE	80.5	146.4	203.9	113.2	544	4	Ci.	Cu. NE	7	A.-Cu. E	Cu.
12	N	N	NE	NE	NE	N	124.4	156.9	174.4	96.1	551.8	5	A.-Cu.	Cu.	7	A.-Cu.ESE	Cu.
13	N	N	NE	NE	NE	NE	115.6	159.7	184.8	94.3	554.4	6	Ci.	Cu.	5	Ci.	Cu.
14	N	N	NE	NE	NE	N	106.2	120.9	154	91.7	472.8	5	Ci.	Cu.	5	Ci.	Cu.
15	N	N	NE	NE	NE	NE	78.4	155.6	190	89.9	513.9	7	Ci.	Cu.	5	Ci.	Cu.
16	NE	N	N	E	N	N	100.8	124.7	131	58.4	414.9	8	Ci.-S.	Cu.	9	Ci.-S.	Cu. NNE
17	Calm	Calm	SW	SE	NE	Calm	20.7	75.1	52.6	27.6	176	7	Ci.-S.	Cu.	8	Ci.-S.	Cu.
18	Calm	Calm	SW	SW	SW	N	12.9	63.4	112.5	35.2	224	6	Ci.-S.	Cu.	7	Ci.-S.	Cu.
19	N	Calm	SW	SW	Calm	Calm	11.6	80.2	93.3	32.5	217.6	4	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N.
20	NW	Calm	NW	SW	SW	NE	18.8	34.8	102.8	45.6	202	7	Ci.	Cu.	8	Ci.	Cu.-N.
21	Calm	Calm	SW	SW	SW	NW	21.4	38.8	84.3	32.7	177.2	6	Ci.-S.	Cu.	7	Ci.	Cu.-N.
22	Calm	Calm	S	SW	S	S	12.1	31.6	95.3	39.1	178.1	4	Ci.	Cu.	2	------	Cu.
23	NE	Calm	NE	SW	SW	N	37.6	36	90.3	51	214.9	7	Ci.-S.	Cu.	2	------	Cu.
24	N	N	E	SW	SW	W	27.2	46.5	59.5	33.6	166.8	5	Ci.-S.	Cu.	3	------	Cu.-N.
25	N	N	NE	NE	NE	N	44.6	70.3	123.7	72.1	310.7	3	Ci.-S.	Cu.	3	Ci.	Cu.
26	N	N	NE	NE	W	N	68.9	88	115.9	57.3	330.1	8	Ci.-S.	Cu.	8	Ci.-S.	Cu.
27	N	N	NE	NE	NE	N	60.2	107.3	161.9	87.4	416.8	7	Ci.-S.	Cu.	7	Ci.-S.	Cu.-N.
28	N	N	E	NE	NW	N	64.1	86.4	99.2	49.9	299.6	7	Ci.	Cu.	8	Ci.-S.	Cu.-N.
29	N	N	NE	NW	Calm	N	66.2	84	74.3	46.7	271.2	7	Ci.	Cu.	9	Ci.-S.	Cu.-N.
30	N	N	NE	NE	NE	N	53.1	106.8	175.6	83.4	418.9	6	A.-Cu. E	------	5	Ci.	Cu.
Mean	------	------	------	------	------	------	63.9	103	133.5	68.4	368.8	5.8	------	------	6.2	------	------
Total	------	------	------	------	------	------	------	------	------	------	11,065.2	----	------	------	----	------	------

ILOILO.

[$\phi = 10°\ 42'$ N; $\lambda = 122°\ 34'$ E; barometer above sea, 6.5 meters; gravity correction not applied, —1.84 mm.]

MAY, 1916.

Day.	Atmospheric pressure, 700 mm. +							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.40	58.53	59.30	56.60	57.55	58.50	58.11	24.8	24.5	30.8	30.6	30.2	27.7	28.1	32.2	23.5	84	86	60	62	61	68	70.2	------
2	57.32	57.43	58	56.77	56.43	57.44	57.23	25	24.6	29	24.8	26.5	25.7	25.9	30.1	24.3	83	85	69	90	86	90	83.8	14
3	56.19	55.62	57.18	55.29	55.34	56.87	56.08	24.6	24	24.5	27.6	25.7	25	25.2	27.9	23.7	92	96	96	81	86	90	90.2	11.7
4	55.53	55.71	56.79	55.78	56.44	58.09	56.39	25.2	25.2	24	24.5	24.5	24.4	24.6	25.9	23.6	90	92	98	97	99	99	95.8	120.4
5	56.91	57.04	57.64	56.22	57.09	58.53	57.24	24.1	24	26	26.6	23.5	23	24.5	27.6	22.7	99	97	92	87	97	97	94.8	4.1
6	57.71	57.35	57.92	55.21	56.17	58.14	57.08	22	22.5	27	30.2	28	25.5	25.9	30.5	21.7	98	96	78	65	83	91	85.2	------
7	56.80	56.92	57.44	55.78	56.77	58.61	57.05	25	25.5	30.3	31.5	27.6	25.4	27.6	32.1	24.4	92	92	64	62	80	88	79.7	1.8
8	57.97	58.72	59.05	56.85	58.40	59.32	58.38	24.4	23.8	29.5	28.5	24	24	25.7	31.2	23.7	92	93	68	71	95	96	85.8	3.6
9	58.10	58.72	59.67	58.19	58.73	59.82	58.87	23.9	24.4	29	27.7	26.4	25.4	26.1	31.6	23	96	90	69	76	87	88	84.3	2
10	58.87	58.95	59.67	57.65	58.25	59.27	58.78	24.8	24.9	29.5	29	26	26	26.7	30.9	24.3	92	91	68	69	89	88	82.8	1
11	58.10	58.88	59.29	56.44	57.40	58.92	58.17	24.5	24.5	29.5	32.7	28.3	25.5	27.5	33.5	23.7	92	92	68	54	74	88	78	------
12	58.18	58.92	59.65	57.40	57.55	59.14	58.47	25.4	24.7	29.8	29.5	28	26.6	27.3	30.5	24.4	90	94	65	70	77	87	80.5	------
13	58.25	58.42	58.96	56.55	57.35	58.55	58.01	25.4	24	30	30	28.3	25	27.1	30.5	24	93	93	69	68	75	88	81	------
14	57.58	57.82	58.07	55.50	56.05	57.87	57.15	24.4	24	30.2	30.8	28.5	25.1	27.2	31.8	23.8	93	94	67	67	78	87	81	4.6
15	56.54	56.74	57.64	55.33	56.11	57.65	56.67	25	24.4	29.5	30.4	28.5	26.2	27.3	31.5	24.2	90	93	74	66	73	88	80.7	------
16	57.72	58.10	59.60	57.55	57.86	59.50	58.39	25.6	25.3	27.5	29.2	28.6	26.3	27.1	30	24.8	88	86	78	73	76	87	81.3	------
17	59.20	59.12	60.17	57.75	58.22	59.40	58.98	25.5	25.1	30	32	28.6	25.7	27.8	32.6	24.8	90	94	75	57	71	81	78	.8
18	58.69	58.72	59.02	56.68	56.61	58.10	57.97	24.6	24.5	30.4	32	29.2	26.8	27.9	32.5	23.8	88	88	65	57	71	84	75.5	30
19	57.67	57.87	58.59	56.89	57.37	58.74	57.86	25.2	24.7	30.5	29	25.4	24.6	26.6	31.8	23.8	93	97	68	79	90	90	86.2	1.5
20	57.87	58.10	58.94	56.59	57.13	58.44	57.84	23.6	24	30	32.3	27.8	26.5	27.4	32.5	23	95	91	65	56	79	83	78.2	------
21	57.78	57.88	58.49	56.43	56.40	57.87	57.48	25.2	24.5	30.2	31.7	30	26	27.9	31.8	24.2	85	87	69	59	65	81	74.3	------
22	57.34	57.58	57.95	55.89	56.90	57.97	57.27	25	25	30	31.5	29.6	26.6	28	32	24.2	82	83	68	65	61	80	73.2	------
23	57.22	57.34	58.05	55.83	56.66	57.56	57.11	25.8	25.2	30	32	29.2	26.6	28.1	32.5	24.7	85	90	67	60	70	81	75.5	------
24	56.68	57.11	57.86	55.83	56.40	57.71	56.93	26	25.5	31	31.8	29	26.8	28.4	33	25.2	85	88	65	65	76	86	77.5	------
25	57.12	57.04	57.82	55.97	56.28	57.66	56.98	26.2	26	30.8	32	29.2	27	28.5	33	25.5	89	89	67	60	71	84	76.7	------
26	56.02	55.97	56.77	55.69	55.72	57.40	56.26	26.4	26	28.3	24	25	25	25.8	28.3	23	89	92	80	95	95	96	91.2	46.5
27	56.22	56.64	57.12	55.01	55.57	57.40	56.33	24.6	24.2	29	30.8	26.4	25.6	26.8	31.2	24	99	98	71	61	88	92	84.8	1.5
28	56.04	56.57	57.50	55.70	56.46	57.95	56.70	24.5	24.1	29.7	30.2	28	26.5	27.2	31	24	96	97	70	74	79	89	84.2	------
29	56.54	56.55	57.15	55.23	56.80	58.11	56.73	25	25	30.7	31.1	27	26	27.5	32.7	24.2	92	92	65	71	78	87	80.8	2.3
30	57.10	57.79	58.32	57.17	57.45	58.87	57.78	24.6	24	30	26.8	26.2	25.6	26.2	31	23.4	90	88	68	82	84	88	83.3	------
31	57.60	57.59	58.70	56.72	57.60	59	57.87	24.6	23.4	30.2	30.5	28	25.8	27.1	33.3	23	93	92	70	68	77	85	80.8	------
Mean	57.40	57.60	58.33	56.34	56.93	58.34	57.49	24.9	24.6	29.3	29.7	27.5	25.7	26.9	31.2	23.9	90.8	91.5	71.5	69.9	79.7	87.3	81.8	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	245.8

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	N	N	NE	NE	NE	N	69.2	116.9	123.6	68.7	378.4	3	Ci.	Cu.	7	Ci.	Cu. NE
2	N	N	NE	NE	NE	NE	57.4	89.8	77.4	33.5	258.1	9	Ci.-S.	Cu.	10	Ci.-S.	cu.-N.ENE
3	Calm	Calm	WNW	NW	N	N	22.2	19.9	66.3	49.3	157.7	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N.
4	N	NW	NW	Calm	Calm	Calm	81.1	126.3	30.1	37.8	275.3	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
5	N	N	NNW	N	NW	NW	41	52	83.4	33.3	209.7	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.
6	N	N	NE	NE	NE	N	29.2	63.8	81.9	79.4	254.3	5	Ci.	Cu.	3	Ci.	Cu.
7	N	N	N	SW	SW	S	42.6	38.9	68.2	41.5	191.2	2	Ci.	Cu.	5	Ci.	Cu.
8	N	NE	NNE	SW	Calm	Calm	30.9	40.4	55	20.6	146.9	5	Ci.	Cu.	9	Ci.-S.	Cu.-N.
9	S	NW	NE	SW	Calm	W	37.3	35.4	46.1	20.7	139.5	4	Ci.	Cu.	10	Ci.-S.	Cu.-N.
10	Calm	W	NE	SW	NE	E	22.7	28	89.5	29.3	169.5	2	Ci.	Cu.	5	Ci.	Cu.
11	NE	Calm	NE	Calm	SW	Calm	21.4	45.3	62.3	33.3	162.3	9	Ci.-S.	S.-Cu.	3	Ci.	Cu.
12	Calm	NW	SW	SW	SW	SW	16.4	47.3	77.9	28.2	169.8	5	Ci.	Cu.	9	Ci.-S.	Cu.
13	Calm	Calm	SW	SW	SW	N	19	50.1	122.3	35.9	227.3	4	Ci.	Cu.-N.	7	Ci.-S.	Cu.-N.
14	Calm	Calm	Calm	SW	SW	N	17.1	32.2	86.4	45.6	181.3	6	Ci.-S.	Cu.	7	Ci.-S.	Cu.-N.
15	NE	N	NE	NE	NNW	N	28.7	60	72.1	49.7	210.5	9	Ci.-S.	Cu.	9	Ci.-S.	Cu.-N.
16	N	N	N	NNE	N	N	69.2	83.7	72.4	62.6	287.9	9	Ci.-S.	Cu.	10	Ci.-S.	Cu.
17	N	N	NE	NNE	NE	N	59.7	70.6	97.1	72.1	299.5	8	Ci.	Cu. NE	4	Ci.	Cu.
18	N	N	NE	NE	NE	N	62	114.1	109.1	100	385.2	4	Ci.	Cu.	7	Ci.-S.	Cu.-N.
19	Calm	Calm	W	SW	NE	NE	19.8	34.8	58.7	26.2	139.5	7	Ci.	Cu.-N.	9	Ci.-S.	Cu.-N.
20	Calm	N	NE	E	W	N	20.6	34.1	52.6	36	143.3	2	Ci.	Cu.	3	------	Cu.-N.
21	N	N	NE	E	ENE	NW	46.9	67.1	85.8	62	261.8	2	Ci.	Cu.	7	Ci.-S.	Cu.
22	N	N	NE	NE	NE	N	46.7	69.4	99.5	89.3	304.9	2	Ci.	Cu.	7	Ci. E	Cu.-N.
23	N	N	NE	NE	NE	NE	61	107.8	147.8	92.5	409.1	9	Ci.-S.	Cu.	3	Ci.	Cu.
24	NW	N	NE	N	N	NE	56.5	106.4	127.3	90.6	380.8	2	Ci.	Cu.	7	Ci.-S.	Cu.-N.NE
25	N	N	NE	NE	N	N	93.8	117.5	120.1	65	396.4	2	Ci.	Cu.	4	Ci.	Cu.
26	N	N	NW	SW	ESE	SW	56.3	73	47.7	50.5	227.5	10	Ci.-S.	Cu. NNE	10	Ci.-S.	Cu.-N.
27	Calm	Calm	SW	SW	SE	Calm	19.9	20.7	55.2	24.4	120.2	10	Ci.-S.	Cu.-N.	7	Ci.-S.	Cu.
28	Calm	NE	ENE	SW	S	SW	15.9	25.5	58.5	23	122.9	8	Ci.-S.	Cu.	9	Ci.-S.	Cu.-N.
29	Calm	NW	NE	SW	W	Calm	22.2	38.8	54.2	17.4	132.6	7	Ci.-S.	cu.-N. ENE	10	Ci.-S.	Cu.-N.
30	W	Calm	S	NW	Calm	Calm	27.2	36.2	58.9	9.3	131.6	7	Ci.	Cu.	9	Ci.-S.	Cu.-N.
31	Calm	N	Calm	SW	SW	W	21.1	20.7	64.4	27	133.2	4	Ci.	Cu.	7	Ci.-S.	Cu.-N.
Mean	------	------	------	------	------	------	39.8	60.2	79.1	46.9	226.1	6	----------	----------	7.3	----------	----------
Total	------	------	------	------	------	------	------	------	------	------	7,008.2	----	----------	----------	----	----------	----------

ILOILO.

[$\phi = 10°\ 42'$ N; $\lambda = 122°\ 34'$ E; barometer above sea, 6.5 meters; gravity correction not applied, —1.84 mm.]

JUNE, 1916.

Day.	Atmospheric pressure, 700 mm. +							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.94	57.65	58.27	56.30	57.05	58.57	57.63	24.4	23.6	30.2	29.5	26	25.6	26.6	31.2	23.1	93	95	73	71	84	87	83.8	------
2	57.40	57.02	57.65	55.47	55.63	57.42	56.76	24.2	23.7	29.4	32.5	29.2	27	27.7	32.9	23.3	93	92	70	49	64	77	74.2	------
3	57.20	57.02	57.77	55.72	55.80	57.95	56.91	26	25	30.6	32	28.5	25.8	28	32.6	24.8	84	88	58	57	74	90	75.2	------
4	57.06	56.92	57.42	55.73	56.45	58	56.93	24.8	24.5	30.5	31.1	28.3	24.8	27.3	31.6	23.5	95	94	65	61	80	93	81.3	17.3
5	57.35	57.35	57.46	55.60	56.05	57.47	56.88	24.8	25.5	28	29	27.6	26.4	26.9	31.5	24.7	93	93	80	78	84	90	86.3	3.8
6	56.50	56.22	56.54	54.90	55.57	56.47	56.03	25.8	25.5	29	29.4	28	26.2	27.3	31	25.1	93	94	76	64	81	90	83	------
7	56.12	56.24	56.75	55.09	55.27	56.55	56	25	24.5	29.6	30.5	27.5	26	27.2	31.5	24	92	94	75	65	82	92	83.3	------
8	55.67	55.54	56.25	54.42	55.30	57	55.70	25.2	25	28.5	29	27.6	24	26.6	30	23.8	97	96	74	78	84	97	87.7	12.2
9	55.93	55.78	56.21	54.23	55.34	56.88	55.73	24	23.8	29.5	29.1	28	26	26.7	31.5	23.5	98	97	68	74	81	90	84.7	20.3
10	56.10	56.31	56.51	54.67	55.50	57.36	56.08	24.2	23.9	29	30.9	28.1	24.6	26.8	31.2	23.5	93	92	73	60	74	92	80.7	10.4
11	56.47	56.84	57.06	54.43	55.27	56.31	56.06	25.6	25.5	24.5	28.6	25.1	25.5	25.8	29.1	24	92	95	99	77	90	88	90.2	57.3
12	55.60	55.42	55.35	53.82	54.65	55.42	55.04	25.3	25	29	29	28	27.6	27.3	30.5	24.2	91	92	80	75	81	84	83.8	2.3
13	54.62	55.03	54.80	54.54	55.29	57.19	55.24	27.5	26.5	28.7	24	25.5	23.6	26	30.5	23	82	85	80	97	92	99	89.2	61.7
14	56.07	55.75	56.38	55.41	55.94	57.39	56.16	24.6	25.3	28.8	30	28.5	27.2	27.4	31	23	98	97	80	71	80	89	85.8	19
15	56.22	56.03	56.79	55.49	55.96	56.99	56.25	26	26.6	29.3	30.6	28.5	27.7	28.1	31.1	25.9	89	89	73	67	78	84	80	------
16	55.74	55.70	56.35	54.80	55	56.67	55.71	27.6	28	30	30.5	28.6	28.2	28.8	31.4	27.1	81	80	75	74	80	80	78.3	------
17	55.64	56.10	56.69	54.43	55.25	56.77	55.81	27.8	27.8	29.9	30	25.5	25.2	27.7	31.1	24	79	79	77	68	96	94	82.2	18.8
18	53.52	56.95	57.49	55.99	56.42	58.09	56.91	25.6	25.5	30	28	26.7	24.8	26.8	30.5	24	92	92	74	78	86	90	85.3	28.7
19	57.70	56.80	57.72	56.65	57	58.37	57.37	24.1	24	28.5	29.5	27.5	25.4	26.5	29.5	23.8	95	97	70	68	77	88	82.5	2
20	57.86	57.86	58.10	56.43	56.86	58	57.52	25.6	24.5	29	30.2	28	27.5	27.5	30.6	24.2	91	96	71	67	78	81	80.7	------
21	57.36	57.48	57.56	55.83	57.05	58.57	57.31	25.6	26	29.3	30.5	26.5	25.2	27.2	31.4	24.5	88	92	76	72	84	90	83.7	11.4
22	58.22	58.18	58.24	57.16	57.62	59.65	58.18	24.6	25	28.6	25.5	26.4	25.2	25.9	30.5	23.6	91	92	80	87	91	90	88.5	3.8
23	58.20	58.35	59.02	57.30	58.90	59.66	58.57	24.5	24.9	29	31	27	25	26.9	31.5	23.9	89	88	68	59	77	82	77.2	------
24	58.54	58.89	59.49	58.65	58.95	60.14	59.11	24.2	23.5	29.5	23.5	27.5	25.8	25.7	32	22	90	91	71	96	81	92	86.8	12.4
25	59.56	59.85	60.59	58.15	59.82	60.57	59.76	24.6	24.5	29	33	24	24	26.5	33.3	23	93	87	78	56	96	95	84.2	38.1
26	59.50	59.39	60.02	57.99	58.57	60.19	59.28	24.2	24	29.5	29	28	26.4	26.8	31	23.6	98	96	71	71	76	85	82.8	.5
27	58.95	58.99	60.01	57.84	58.50	59.81	59.02	25.6	25.2	28.8	28.5	27.5	25.5	26.8	30.1	24.5	87	92	75	74	76	84	81.3	5.6
28	58.68	58.99	59.60	57.77	58.90	60.21	59.02	25.2	25.4	28.6	28.5	26	24.6	26.4	30.4	24.1	87	88	73	81	88	93	85	5.3
29	59.34	59.43	59.90	58.21	58.62	60.27	59.30	25	24.1	28.3	27	24	23.6	25.3	28.5	23.1	92	95	75	82	91	95	88.3	40.1
30	59.40	59.37	58.62	57.84	57.76	59.77	58.79	22.2	23	26.8	26.7	26.8	25.6	25.2	28.5	21.9	98	97	78	80	82	89	87.3	------
Mean	57.25	57.25	57.69	56.03	56.68	58.12	57.17	25.1	25	29	29.2	27.1	25.7	26.9	30.9	23.9	91.1	91.8	74.5	71.9	82.3	89	83.4	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	371

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	W	W	W	SW	NW	NW	23.1	24.4	61.7	33.8	143	6	Ci.	Cu.	8	Ci.-S.	Cu.-N.
2	Calm	Calm	NE	SSW	Calm	N	14.5	28.7	50.7	39.7	133.6	2	Ci.	Cu.	4	Ci.	Cu.
3	SE	Calm	ENE	W	SW	NW	40.7	35.6	59.5	41.6	177.4	5	Ci.	Cu.	7	Ci.	Cu.
4	Calm	Calm	Calm	SW	SW	Calm	18.8	31.2	79.2	30.1	159.3	5	Ci.	Cu.	6	Ci.	Cu.
5	Calm	ESE	SE	SW	N	E	22.5	35.1	62.6	27.9	148.1	10	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N.
6	Calm	Calm	W	S	Calm	SW	21.2	29.2	52.9	19	122.3	9	Ci.-S	Cu.	9	Ci.-S.	Cu.-N.
7	Calm	Calm	E	W	S	S	15.5	41.2	55.2	17.2	129.1	8	Ci.-S.	Cu.	8	Ci.-S.	Cu.-N.
8	S	S	SW	SW	S	NW	14.8	37	71.6	44.9	168.3	5	Ci.-S.	Cu.-N.	5	Ci.-S.	Cu.-N.
9	Calm	Calm	SW	SW	SW	NE	23.1	19.9	55.5	40.4	138.9	9	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N.
10	W	W	SW	SW	SW	S	53.3	36.4	52.9	50.5	193.1	10	Ci.-S.	Cu.-N.	8	Ci.-S. ENE	Cu.
11	Calm	SE	SW	SW	S	SW	23.1	64.2	65.4	60.2	212.9	10	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N.
12	SW	S	SW	SW	SW	SW	55.5	80.2	112.9	78.6	327.2	10	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.-N.
13	SW	SE	SSW	SW	S	SW	69.8	77.9	101.9	52.6	302.2	8	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.SW
14	SW	S	SW	SW	SW	Calm	31.1	59.2	97.4	48.1	235.8	10	Ci.-S.	N.	9	Ci.-S.	Cu.-N.
15	Calm	Calm	SW	SW	SW	SW	31.1	75.3	121.2	68.2	295.8	8	Ci.-S.	Cu.-N.	6	Ci.	Cu.
16	SW	SW	SW	SW	SW	SW	66.5	95.6	127.9	90.3	380.3	6	Ci.	Cu.	6	Ci.	Cu.
17	SW	SW	SW	SW	NE	N	65.7	78.9	100.3	27.7	272.6	8	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.
18	N	Calm	NE	SW	SW	Calm	17.1	30.6	83.5	28.4	159.6	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
19	S	Calm	SW	SW	SW	SW	57.9	72.2	103	55.5	288.6	10	Ci.-S.	Cu.-N.	5	Ci.	Cu.
20	S	Calm	SW	SW	SW	SW	34.3	38.6	82.6	82.9	238.4	9	Ci.-S.	Cu.	9	Ci.-S.	Cu.-N.
21	SW	Calm	SW	SW	SW	E	34.6	61.5	113.3	41.3	250.7	8	Ci.-S.	Cu.-N.	7	Ci.	Cu.
22	E	SW	SW	SW	Calm	N	18.8	67.4	60	31.1	177.3	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
23	Calm	NW	NE	NE	W	N	16.6	31.6	41.8	31.9	121.9	9	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N.
24	N	N	NE	NW	NW	Calm	30.6	62.3	61.7	13.4	168	3	Ci.	Cu.	10	Ci.-S.	Cu.-N.
25	Calm	N	NE	N	NW	NW	20.1	30.6	72.7	31.7	155.1	9	Ci.	Cu.	8	Ci.-S.	Cu.-N.
26	Calm	Calm	Calm	SW	SW	SE	15.3	20.6	57.1	30.6	123.6	9	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N.
27	SW	Calm	SW	SW	SW	SW	25.1	54.1	109.1	63.9	252.2	7	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.
28	SW	SW	SSW	SW	Calm	Calm	74.8	59	70.5	28.2	232.5	9	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N.
29	SW	SW	SW	S	N	Calm	34.9	42.8	55.2	30.1	163	8	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.-N.
30	S	Calm	S	N	SW	E	30.8	30	33.3	25.2	119.3	10	Ci.-S.	Cu.	9	Ci.-S.	Cu.-N.
Mean	------	------	------	------	------	------	33.4	48.4	75.8	42.2	199.7	8	----------	----------	8	----------	----------
Total	------	------	------	------	------	------	------	------	------	------	5,990.1	----	----------	----------	----	----------	----------

ILOILO.

[$\phi = 10°\ 42'$ N; $\lambda = 122°\ 34'$ E; barometer above sea, 6.5 meters; gravity correction not applied, —1.84 mm.]

JULY, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.99	57.89	58.62	56.55	57.42	58.57	57.84	24.2	24	29.5	29.5	25.5	25.5	26.4	31	23.3	90	91	71	68	88	88	82.7	------
2	57.54	57.82	58.84	56.64	58.16	58.57	57.93	24.9	25	27	29.5	23.5	23.8	25.6	30.5	23.4	92	92	83	68	91	93	86.5	18.1
3	57.87	57.59	58.38	56.61	56.89	58.24	57.60	23.6	23.5	28.2	28.2	24	24.4	25.3	29	23	93	90	76	77	91	93	86.7	6.4
4	57.44	57.75	58.77	57.62	58.15	60.15	58.31	24.5	25	26	27.5	26.5	24.3	25.6	28	23.6	94	88	88	77	84	89	86.7	23.6
5	59.67	59.27	58.95	57.59	58.79	59.43	58.95	24.2	24.5	28	29.5	27.5	25	26.4	30.4	23.5	93	92	76	71	77	88	82.8	------
6	59.20	58.77	60.04	58.54	58.97	60.21	59.29	24.8	24.5	28.2	29.5	26	25.2	26.4	31.5	24.3	93	96	80	68	80	88	84.2	------
7	58.80	58.92	59.57	57.85	58.25	59.61	58.83	24	23.8	29.5	31.5	29.2	26.6	27.4	31.8	23.5	92	93	71	60	70	81	77.8	------
8	58.34	58.44	58.82	56.48	57.03	58.72	57.97	25	24.5	30.1	31.2	29	26.8	27.8	32.4	24.3	85	87	68	59	76	81	76	------
9	58.16	58.78	58.79	56.81	57.03	58.55	58.02	25.8	25.7	31.5	32	29.8	26.8	28.6	33	25	84	82	62	63	73	87	75.2	------
10	58.35	58.55	59.11	56.89	57.85	59.10	58.31	26.1	25.3	31	32.5	29.5	26.8	28.5	33	25	89	91	65	50	64	81	73.3	------
11	58.32	58.44	59.26	58.06	58.09	59.55	58.62	25.6	25.2	29	26.6	27.6	26.4	26.7	31	25	88	90	74	83	81	87	83.8	6.6
12	58.24	58.34	58.74	57.20	57.36	59.42	58.22	25.4	25.5	30	32.5	26	25.8	27.5	32.5	24.4	88	84	70	52	82	85	76.8	.8
13	58.34	58.47	58.64	57.30	57.61	60.10	58.41	24.6	25	31	32	28.5	23.5	27.4	32.5	23.2	92	90	61	60	74	94	78.5	74.4
14	58.48	58.61	58.78	57.99	58.05	59.66	58.60	23.5	24	27.5	28.5	27.5	26.2	26.2	29.5	23.2	96	96	77	74	77	87	84.5	------
15	58.40	58.04	58.66	57	56.49	58.26	57.81	24.5	24	29.2	31.5	28	26.6	27.3	31.8	23.5	92	96	71	63	71	80	78.8	------
16	57.84	57.37	57.27	56.08	55.75	57.55	56.98	25.2	25	28.5	29	26.5	25	26.5	29.5	24.5	92	92	78	74	85	92	85.5	5.6
17	56.63	56.65	56.72	55.70	56.17	58.04	56.65	24.8	24.5	29	28.8	25.2	24.6	26.2	30.5	24.2	92	92	78	77	90	92	86.8	13.7
18	57.20	57.69	57.83	56.49	57.05	58.61	57.48	25	24.5	27.5	29.5	27.5	25.5	26.6	30	24	93	96	84	75	81	89	86.3	------
19	57.62	57.40	58.09	56.10	55.95	58.50	57.28	24.6	24.3	30	32	29	24	27.3	32.5	23.5	93	93	65	57	72	95	79.2	38.9
20	57.42	57.43	57.49	55.48	57.28	58.35	57.24	24.6	24.5	29	32	25	24.5	26.6	32.7	23.8	95	94	74	63	94	91	85.2	1.8
21	57.28	57.47	58.19	56	57.04	57.55	57.26	24.8	24	29	30	27	25.2	26.7	31	23.5	89	91	74	68	80	88	81.7	------
22	56.46	56.66	57.46	56.10	56.23	57.20	56.68	24.4	24	30	31	29	27.8	27.7	31.5	23.6	91	91	68	69	76	79	79	------
23	55.97	55.89	56.39	55.01	55.49	56.81	55.93	27.5	27.5	30	31	29	27.6	28.8	31.7	27	81	78	69	72	71	77	74.7	------
24	56.24	56.60	57	55.70	55.85	57.80	56.53	27	27	30	31	29	27	28.5	31.5	26.5	84	84	72	69	74	86	78.2	------
25	57.47	57.74	57.66	56.44	56.62	58.20	57.36	25.2	24.5	30	31.5	29.4	26.5	27.8	31.5	24.5	94	96	68	63	72	83	79.3	------
26	57.20	57.24	57.53	56.09	56.15	57.77	57	25.2	24.5	30	31.4	29	26.8	27.8	31.5	24.4	92	96	69	63	68	83	78.5	------
27	56.97	56.82	57.22	56.10	56.16	57.69	56.78	25	24	29.5	31	28.5	27.5	27.6	31.5	23.5	88	87	70	69	78	84	79.3	.5
28	56.90	56.46	57.73	56.26	56.52	58.17	57.01	27	26.5	26	29.5	28.2	25.6	27.1	30.5	23	88	88	90	75	80	88	84.8	24.9
29	57.55	57.54	57.45	55.97	56.12	58.25	57.15	25.4	24.4	29	28.5	27.8	25.8	26.8	30.5	24	90	91	76	78	79	87	83.5	------
30	57.24	57.10	57.52	56.07	56.17	57.75	56.98	25.8	25.5	30	28.5	28	27	27.5	31.1	24.5	88	88	71	74	77	83	80.2	------
31	56.92	57.04	57.64	55.94	56.60	57.77	56.98	26	24.8	29.5	28	26.5	26	26.8	31	24.5	88	93	71	81	88	90	85.2	6.1
Mean	57.68	57.70	58.17	56.60	57.01	58.51	57.61	25.1	24.8	29.1	30.2	27.5	25.8	27.1	31.2	24.1	90.3	90.6	73.2	68.4	78.8	86.7	81.3	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	221.4

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	Calm	Calm	SW	NW	Calm	11.1	21.9	60	11.4	104.4	4	Ci.	Cu.	8	Ci.-S.	Cu.-N.
2	Calm	NE	NE	E	Calm	SW	23	33.7	74.5	27.1	158.3	9	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N.NE
3	NW	NE	NE	NE	SW	Calm	22.7	66.3	66	16.7	171.7	7	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N.
4	SW	S	SE	SW	S	SW	27.2	65.2	65.4	43.8	201.6	8	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N.
5	W	SW	SE	SW	S	N	46.7	33.3	63.1	31.6	174.7	9	Ci.-S.	Cu.-N.	6	Ci.-S.	Cu.-N.
6	Calm	Calm	NE	E	NW	Calm	9.2	30	47.3	19.8	106.3	9	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N.
7	Calm	N	ENE	NE	NE	NE	18.8	84.3	93.9	46.1	243.1	5	Ci.-S.	Cu.-N,	5	Ci.	Cu.
8	N	N	NE	NE	NE	N	46.7	43.8	75.3	41.5	207.3	5	Ci.	Cu.	4	Ci.	Cu.
9	Calm	Calm	NE	SW	NE	NW	27.2	31.1	64.2	37.2	159.7	4	Ci.-S.	Cu.-N.	5	Ci.-S.	Cu.-N.
10	N	N	NE	NE	NE	N	45.9	76.2	121.5	72.2	315.8	3	Ci.	Cu.	3	Ci.	Cu.
11	NW	N	W	NW	N	N	40.5	61.4	62.3	42.4	206.6	5	Ci.	Cu.	8	Ci.-S.	Cu.
12	N	Calm	NE	E	NE	NNE	41.8	67.8	86.1	43.7	239.4	5	Ci.-S.	Cu.	6	Ci.-S.	Cu.-N.
13	N	N	NE	E	N	NW	50.4	58.9	85.3	71.3	265.9	5	Ci.	Cu.	7	Ci.-S.	Cu.-N.
14	NW	NW	N	SW	SW	Calm	44.8	28.4	47.8	26	147	10	Ci.-S.	Cu.	7	Ci.-S.	Cu.-N.
15	Calm	NW	NE	N	NE	N	21.4	46.4	88.5	58.9	215.2	5	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N.
16	NE	NE	N	N	N	N	74.2	62.5	69.2	62.6	268.5	9	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N.
17	N	N	N	N	NW	W	53.1	74.3	62.8	25.9	216.1	9	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N.
18	SW	N	NE	SW	SW	N	15	22.5	38.8	30	106.3	9	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N.
19	Calm	Calm	NE	SE	SW	N	13.4	37.8	41.2	31.6	124	5	Ci.-S.	Cu.-N.	7	Ci.-S.	Cu.-N.
20	Calm	Calm	N	SW	N	NE	15.5	43.8	55	43.3	157.6	5	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.-N.
21	Calm	N	NE	SW	N	Calm	22.2	27.6	68.6	28	146.4	5	Ci.-S.	Cu.-N.	6	Ci.-S.	Cu.-N.
22	Calm	Calm	SW	SW	SW	SW	16.9	37.3	96.9	63.6	214.7	3	Ci.	Cu.	5	Ci.-S.	Cu.-N.
23	SW	SW	SW	SW	SW	SW	80	81.9	121.8	73.7	357.4	3	Ci.	Cu.	5	Ci.-S.	Cu.-N.
24	SW	SW	SW	SW	SW	Calm	58.7	99.6	109.7	56.6	324.6	5	Ci.-S.	Cu.-N.	7	Ci.-S.	Cu.-N.
25	Calm	Calm	SW	SW	SW	Calm	16.3	72.1	118.5	21.1	228	7	Ci.-S.	Cu.	7	Ci.-S.	Cu.-N.
26	Calm	W	SW	SW	SW	Calm	15.9	57.3	129.5	42.8	245.5	4	Ci.-S.	Cu.-N.	6	Ci.-S.	Cu.-N.
27	W	Calm	SSW	SW	S	S	14.5	58.4	123.3	66.2	262.4	3	Ci.	Cu.	5	Ci.-S.	Cu.-N.
28	S	SW	W	SW	SW	SW	42	70.6	111.3	74	297.9	8	Ci.-S.	Cu.	8	Ci.-S.	Cu.-N.
29	S	SW	SW	SW	SW	Calm	45.7	95.3	118.5	31.1	290.6	5	Ci.-S.	Cu.	7	Ci.-S.	Cu.-N.
30	Calm	NE	SW	SW	S	S	23.5	54.5	61.8	45.9	185.7	5	Ci.-S.	Cu.	8	Ci.-S.	Cu.-N.
31	Calm	S	W	SW	S	Calm	14.7	39.1	65.8	18.7	138.3	5	Ci.	Cu.	8	Ci.-S.	Cu.-N.
Mean	------	------	------	------	------	------	32.2	54.3	80.4	42.1	209.1	5.9	----------	----------	7.1	----------	----------
Total	------	------	------	------	------	------	------	------	------	------	6,481	----	----------	----------	----	----------	----------

ILOILO.

[$\phi = 10°\ 42'$ N; $\lambda = 122°\ 34'$ E; barometer above sea, 6.5 meters; gravity correction not applied, —1.84 mm.]

AUGUST, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.78	57.99	58.72	57.37	57.89	59.04	58.13	25.5	25	28.5	28	28	27	27	30.4	24.5	94	96	81	80	81	86	86.3	4.6
2	58.52	58.18	58.96	57.48	57.80	59.41	58.39	25.6	25	29	30	28.5	27.2	27.6	30.5	24.5	92	92	75	68	75	78	80	------
3	59.06	58.92	58.97	58.03	58.11	59.90	58.83	27.2	26	29.5	28.5	29	26.2	27.7	31.5	25.5	77	82	72	70	68	79	74.7	2.3
4	59.60	59.62	59.69	58.45	58.62	60.21	59.36	27	25	29.4	30.4	28.5	26	27.7	30.7	24.5	77	88	70	63	73	84	75.8	6.1
5	59.84	60.05	60.29	58.52	58.39	59.99	59.51	26	25	27.3	29.5	27.5	27	27	29.7	24.2	85	88	73	68	73	83	78.3	11.9
6	58.83	58.76	59.29	57.81	58.17	59.31	58.70	26.4	24.5	29	30.5	28	27.5	27.6	31.2	24.5	82	94	74	72	80	81	80.5	3
7	58.62	58.76	59.40	58.44	58.26	59.73	58.87	25.7	25.7	30.4	30	28.5	27.4	28	31	25.1	93	90	69	71	70	80	78.8	------
8	59.10	59.23	59.65	57.85	57.91	59.71	58.91	27.4	25.5	30	31	28.5	28.4	28.5	31.3	24.9	81	88	71	69	79	75	77.2	------
9	58.44	58.45	58.61	56.65	57.05	58.74	57.99	27.7	28	30	31	29	28	29	31.2	26.5	72	76	68	64	68	76	70.7	------
10	57.67	56.29	57.64	55.89	55.88	57.07	56.74	27.4	27.5	30.2	31.2	28.2	28	28.8	31.7	23	81	81	71	68	77	77	75.8	22.8
11	55.90	56.09	57	55.17	55.35	57.40	56.15	27.5	25.7	29.5	29.2	28	26	27.6	30.6	23.6	84	90	78	80	79	85	82.7	16
12	57.06	56.52	57	55.59	55.25	57.17	56.43	24	25.3	30	30	28	27.2	27.4	30.7	23.1	91	89	75	73	76	83	81.2	.5
13	56	56.11	57.51	56.17	56.96	58.82	56.93	27.2	27.5	25	25.5	27	26.6	26.5	30	24	83	84	93	88	84	87	86.5	34.1
14	58.33	58.19	58.90	57.51	58.14	59.72	58.46	25.9	25.5	28.4	30	28	27.2	27.5	30	25.5	89	88	77	68	77	81	80	5.3
15	59.62	59.44	60.26	58.69	58.62	60.71	59.56	25.4	25.2	28.5	28	28	25.6	26.8	30.2	24.3	90	87	78	81	81	88	84.2	2.3
16	60.02	59.65	59.55	57.74	57.50	59.67	59.02	24.8	25.5	28.5	29.1	28	27.4	27.2	30.5	24.3	92	88	78	77	79	80	82.3	2.3
17	58.62	58.48	59.43	57.62	57.89	59.85	58.65	25	25.7	24.8	29.5	27.5	25.2	26.3	30.2	23.8	87	86	98	71	77	83	83.7	39.4
18	59.16	58.63	59.36	57.84	57.82	59.37	58.70	24.8	26	29	28.3	27.5	27.4	27.2	29.7	23.6	89	88	71	74	81	84	81.2	14.7
19	58.62	58.79	59.42	57.96	57.81	59.09	58.62	27	25.5	29	29.6	27.8	27.4	27.7	30.7	23.2	86	92	74	77	79	84	82	15
20	58.36	58.27	58.44	56.35	58.22	59.61	58.21	25.5	26.5	30	30.5	26	24.2	27.1	31.7	23.8	89	84	72	72	88	93	83	3.3
21	59.14	59.12	59.80	57.73	58.07	61	59.14	24	23.5	29.2	30.5	27.8	24.5	26.6	31	23	93	96	71	66	80	89	82.5	3.3
22	59.83	59.80	60.04	57.75	58.64	60.31	59.40	24	24.5	29.1	31.5	28.7	24.5	27	32.1	23	93	93	67	60	74	87	79	28
23	59.19	59.14	59.15	57.06	57.42	58.20	58.36	24.5	24.5	29.5	29.5	28.5	26.2	27.1	32.5	23.8	88	92	75	69	74	85	80.5	------
24	57.86	57.92	58.40	56.35	56.51	59.05	57.68	25	24.5	30	30.5	28.5	25.4	27.3	32	24	92	89	66	72	85	88	82	1.5
25	58.22	57.94	58.71	56.75	57.25	59.43	58.05	24.2	24	30	31	30	27.6	27.8	31.7	23.5	93	91	62	65	68	80	76.5	1.8
26	58.30	58.82	60.03	57.86	57.73	59.77	58.75	26.2	24.6	27	28	26.5	25.4	26.3	29.3	24.5	89	94	82	74	80	85	84	.8
27	58.14	57.69	58.58	56.50	56.47	58.97	57.72	24.8	24	28.6	31	29	26.2	27.3	31.5	23.6	85	87	79	65	72	81	78.2	------
28	57.98	57.62	58.50	55.85	56.87	57.91	57.46	25.4	24.6	31.5	30.5	25	25	27	32.1	22.4	90	88	62	68	96	90	82.3	33.5
29	57.84	57.77	58.51	57.39	58.09	59.71	58.22	22.8	23.2	28	29.5	27.5	26.6	26.3	30.2	22	95	95	70	75	76	83	82.3	------
30	58.18	57.97	59.05	57.65	58.16	59.56	58.43	25.5	24.5	28.8	30.5	28.7	26.2	27.4	32	23.2	88	85	72	63	66	81	75.8	------
31	58.47	58.99	59.60	57.68	58.35	59.21	58.72	25	24.5	29.6	30.9	29.5	26.6	27.7	32	24.3	88	92	72	60	64	83	76.5	------
Mean	58.46	58.36	58.98	57.28	57.59	59.28	58.33	25.6	25.2	28.9	29.8	28	26.5	27.4	31	24	87.4	88.8	74.1	70.7	76.8	83.2	80.1	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	252.5

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0-10*			*0-10*		
1	Calm	Calm	SW	SW	SW	SW	9.2	42.6	74.3	43.8	169.9	6	Ci.	Cu.	8	Ci.-S.	Cu.-N.
2	Calm	Calm	SW	SW	SW	SW	17.1	62.6	109.9	65.5	255.1	5	Ci.-S.	Cu.-N.	7	Ci. ENE	Cu.-N.
3	SW	SW	SW	NW	SW	W	64.6	75.6	82.9	42.3	265.4	8	Ci.-S.	Cu.	8	Ci.-S.	Cu.-N. SE
4	SW	SW	SW	SW	SW	SW	62.3	86.7	113.5	65.2	327.7	9	Ci.-S.	Cu.-N. SW	8	Ci.-S.	Cu.-N.
5	S	SW	SW	SW	SW	SW	78.3	123.4	128.9	68.9	399.5	10	Ci.-S.	Cu.-N. SW	9	Ci.-S.	Cu.-N.
6	SW	W	SW	SW	SW	SW	42.8	56.9	93.3	45.6	238.6	9	Ci.-S.	Cu.-N. SW	7	Ci.-S.	Cu.-N.
7	Calm	Calm	SW	SW	SW	SW	18.7	64.1	106	54.7	243.5	7	Ci.	Cu.	6	Ci.-S.	Cu.-N.
8	SW	W	SW	SW	SW	SW	37	48.5	105.4	77.9	268.8	5	Ci.-S.	Cu.-N.	5	Ci.-S.	Cu.-N.
9	SW	SW	SW	SW	SW	SW	72.9	108.4	141.3	93.9	416.5	5	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.-N.
10	SW	SW	SW	SW	SW	SW	87.1	127.7	145.9	130.6	491.3	8	Ci.-S.	Cu.-N. SW	6	Ci.-S.	Cu.-N.
11	SW	SW	SSW	SW	SW	SW	133.1	114.9	127.4	73.5	448.9	8	Ci.-S.	Cu.-N.	7	Ci.-S.	Cu.-N.
12	W	S	SSW	SW	SW	SW	70.2	81.3	126.1	102.7	380.3	8	Ci.-S.	Cu.-N.	7	Ci.-S.	Cu.-N.
13	SW	S	W	SW	SW	S	99.2	78.3	115.7	71	364.2	8	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.-N.
14	SW	S	SW	SW	SW	SW	41.6	79.2	122	87.2	330	7	Ci.-S.	Cu.	7	Ci.-S.	Cu.-N.
15	SW	SW	SW	SW	SW	N	40	44.3	60.4	33	177.7	8	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.-N.
16	Calm	SW	SW	SW	SW	SW	38.3	72.6	108.1	90.4	309.4	5	Ci.	Cu.	8	Ci.-S.	Cu.-N.
17	S	SW	SE	SW	SW	SW	61.8	63.1	104.1	48.1	277.1	6	Ci.-S.	Cu.-N.	8	A.-Cu.	Cu.-N.
18	SW	SW	SW	SW	S	S	42	106	96.8	37.6	282.4	5	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.-N.
19	Calm	SW	SW	SW	SW	S	35.1	61.8	94.3	54.1	245.3	9	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.-N.
20	SW	SW	SSW	SW	NW	Calm	44.3	60.4	88.8	49.6	243.1	6	A.-Cu.	Cu.-N.	5	Ci.-S.	Cu.-N.
21	NW	N	S	SW	SW	N	23	43.1	75.4	56.8	198.3	7	Ci.-S.	Cu.-N.	6	Ci.	Cu.-N.
22	NW	E	NE	NE	S	SE	28.5	34	50.5	51.3	164.3	5	Ci.-S.	Cu.-N.	4	Ci.-S.	Cu.-N.
23	Calm	Calm	NNE	S	W	S	18.2	35.7	38.6	24.4	116.9	5	A.-Cu.	Cu.-N.	8	Ci.-S.	Cu.-N.
24	Calm	NW	NE	SW	SW	N	16.7	22.8	73.8	46.1	159.4	5	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.-N.
25	N	Calm	E	NE	NE	N	20.4	26	67.9	56.1	170.4	4	A.-Cu.	Cu.-N.	5	Ci.	Cu.-N.
26	N	Calm	NE	NE	N	N	40.7	36.4	96.8	67	240.9	10	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.-N.
27	N	N	NE	NE	N	E	70.2	101.2	123.4	53.3	348.1	5	Ci.-S.	Cu.-N.	7	Ci.-S. E	Cu.-N.
28	N	N	E	SW	SW	SW	45.6	34.9	63	44.9	188.4	5	A.-Cu.	Cu.-N.	8	Ci.-S.	Cu.-N.
29	Calm	Calm	SW	SW	SW	Calm	19	39.2	95.6	82.4	186.2	6	A.-Cu.	Cu.-N.	8	A.-Cu.	Cu.-N.
30	Calm	Calm	Calm	SW	Calm	NW	10.3	24.9	56	23.3	114.5	5	A.-Cu.	Cu.-N.	5	Ci.	Cu.-N.
31	N	NNE	NNE	N	NE	NE	41	76.9	103	62	282.9	7	Ci.-S.	Cu.	9	Ci.-S.	Cu.-N.
Mean	-----	-----	-----	-----	-----	-----	46.1	65.6	96.4	59.8	267.9	6.6	----------	----------	7.2	----------	----------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	8,305	-----	----------	----------	-----	----------	----------

ILOILO.

[$\phi = 10°\ 42'$ N; $\lambda = 122°\ 34'$ E; barometer above sea, 6.5 meters; gravity correction not applied, —1.84 mm.]

SEPTEMBER, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.78	58.92	59.36	57.76	58.64	59.56	58.84	24.8	24.5	28.5	28	25	24.6	25.9	30.6	24	85	90	74	74	92	93	84.7	4.1
2	58.60	58.04	58.13	56.21	56.95	57.90	57.64	24.2	23.5	28.7	29	27.4	27	26.6	30.4	23.5	95	97	69	70	81	83	82.5	1.3
3	56.86	56.31	57.12	55.76	56.04	56.67	56.46	27.2	27.5	28.6	30	27.8	27.2	28	30.2	26	78	73	77	68	79	78	75.5	8.4
4	55.98	56.13	56.81	55.34	55.81	57.32	56.23	26.8	26.5	30.4	31.5	28.3	26	28.2	31.7	23.6	80	79	66	60	71	82	73	------
5	57.20	57.06	58.30	56.39	57.05	58.02	57.34	25.4	25.6	30	30.4	28.7	27	27.8	31.4	25.3	88	92	68	70	75	84	79.5	------
6	57.62	57.87	58.41	55.98	57.37	58.90	57.69	25.2	25.1	31	32.5	24.8	25	27.3	32.7	24.4	87	87	62	55	82	87	76.7	------
7	57.59	57.73	58.16	55.99	56.83	58.16	57.41	24.4	24.6	30.1	30	27	26.2	27	32.4	24.1	90	91	68	68	80	85	80.3	2.5
8	57.48	58.22	59.40	56.81	57.30	58.93	58.02	25	24.4	28.6	29	28	26	26.8	30	24.3	93	94	75	68	73	85	81.3	------
9	57.40	57.57	58.34	55.91	57.21	58.79	57.54	25	24.5	30	30	27.5	25.5	27.1	31.7	23.9	90	89	71	69	77	85	80.2	2.3
10	57.10	57.38	57.95	56.26	57.54	59.34	57.60	25	24.5	29	25.8	25.5	25.4	25.9	30	24	88	92	71	89	93	90	87.2	18
11	58.37	58.42	59.35	58.19	58.38	60.52	58.87	25.4	24.5	28.8	25.5	25	25.2	25.7	29.3	22.7	88	92	73	88	88	90	86.5	36
12	59.75	59.43	60.73	58.07	58.23	59.47	59.28	24.2	24.8	26.2	28.4	26.1	25	25.8	29	23.1	91	92	90	75	86	92	87.7	.8
13	58.49	58.19	58.46	56.42	56.97	58.20	57.79	24.5	24	28.2	29	25.2	23.2	25.7	31.2	22.5	92	93	69	69	88	95	84.3	19.1
14	57.07	56.63	57.12	55.56	56.43	57.59	56.73	23.8	23.6	27.5	27.8	25.5	25.7	25.6	29	22.8	91	93	81	76	88	89	86.3	12.4
15	56.87	57.04	57.92	56.42	57.03	58.83	57.35	25	24.5	25	28.7	26.8	26	26	29	23.5	92	92	96	73	82	92	87.8	2.3
16	57.70	57.57	58.46	56.13	57.44	58.72	57.67	25	24.5	29.7	31.2	28.5	25.4	27.4	31.6	24	93	96	69	64	74	84	80	------
17	57.79	57.72	57.62	55.43	56.57	58.06	57.20	24.5	23.8	28.8	30.2	28.2	25.6	26.8	32	23.4	92	91	72	73	72	85	80.8	------
18	57.04	56.53	57.54	55.40	56.17	57.88	56.76	24.6	23.7	29.5	31	26.7	25.2	26.8	31.4	23.5	91	94	72	65	83	86	81.8	------
19	56.90	56.53	57.50	55.20	56.52	58.29	56.82	24.5	23.5	30	30.7	28.3	27.6	27.4	31.8	23.3	91	87	69	65	77	84	78.8	------
20	57.21	57.18	57.57	56	56.42	57.86	57.04	27	26.3	30.5	31.5	28.5	25.5	28.2	31.6	24.8	88	94	75	69	79	88	82.2	------
21	56.34	56.52	57.42	54.76	55.77	56.93	56.29	24.2	23.5	27.2	30.5	28.6	26	26.7	30.7	23.2	95	96	84	68	75	84	83.7	------
22	55.77	55.73	56.27	54.70	54.57	56.05	55.52	25	26.5	28.5	28.2	27.5	26.5	27	29.5	24.4	92	84	75	74	81	84	81.7	15
23	55.54	55.77	56.04	54.22	54.28	55.25	55.18	24	24.2	26.4	28	25.5	26.6	25.8	29	23.5	93	91	73	77	89	86	84.8	19.1
24	54.20	54.66	55.75	53.22	54.38	56.09	54.72	26.2	25.5	26	28	26	26.2	26.3	28.2	22.5	82	88	88	74	89	81	83.7	104.1
25	55.17	55.10	56.16	55.17	55.12	57.38	55.68	27.2	27.5	29.5	29	27.4	26.2	27.8	29.6	23.8	77	77	72	78	77	85	77.7	4.3
26	56.24	55.99	57.26	55.38	56.49	58.23	56.60	25.8	26.2	28.4	25	23.1	22.8	25.2	29.7	21.6	81	86	75	96	99	95	88.7	69.1
27	57.17	57.48	59.58	56.69	56.32	58.09	57.56	23.9	24	24.7	27.5	26.5	26	25.4	28	23.5	96	96	87	76	85	81	86.8	2.3
28	56.74	56.01	57.83	55.87	55.89	57.81	56.69	26.6	26	28.1	30.1	28.2	25.4	27.4	31	25.2	77	80	73	69	70	84	75.5	.8
29	57.18	57.10	57.75	55.45	56.51	58.50	57.08	25.2	24.5	28.5	29	27.2	25	26.6	29.7	24.4	90	96	67	68	72	85	79.7	------
30	56.83	57.29	58.27	56.57	57.55	59.11	57.60	24.4	23.2	29.6	20	28.3	27	27.1	30.5	23	88	94	69	69	70	83	78.8	------
Mean	57.10	57.07	57.89	55.91	56.59	58.08	57.11	25.1	24.8	28.5	29.2	26.9	25.7	26.7	30.4	23.7	88.5	89.9	74.3	71.9	80.9	86.2	81.9	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	321.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NE	N	N	SE	NE	NE	76.7	86.9	47.7	25.1	236.4	8	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N.
2	Calm	Calm	Calm	SW	W	W	16.3	23.3	79.9	52.9	172.4	9	Ci.-S.	Cu.	9	Ci.-S.	Cu.-N.
3	SW	SW	WSW	SW	SW	SW	81.5	92.2	97.4	71	342.1	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
4	SW	S	S	SW	SW	SW	54.5	87.5	120.2	42.6	304.8	8	Ci.-S.	Cu.-N.	7	Ci.-S.	Cu.
5	SW	Calm	SW	SW	SW	Calm	14.2	44.5	87.7	22.4	168.8	10	Ci.-S.	Cu.	6	Ci. ENE	Cu.
6	Calm	Calm	NW	NE	NW	Calm	14.6	28.2	62.8	22	127.6	8	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.-N. SE
7	N	NE	NE	NE	NE	NE	28.5	47.5	78.1	37.5	191.6	9	Ci.-S.	Cu.	8	Ci.-S.	Cu.-N.NE
8	NE	N	NNE	NE	NE	NE	34.9	74.2	55.3	40	204.4	10	Ci.-S.	Cu.	9	Ci.-S.	Cu.-N.
9	NE	NE	NE	NE	N	N	29.3	67.1	54.7	44.8	195.9	5	Ci.	Cu.	8	Ci.-S.	Cu.-N.
10	N	Calm	NE	SW	W	S	36	38.8	43.3	49.4	167.5	7	Ci.	Cu.	10	Ci.-S.	Cu.-N.
11	SW	W	Calm	SW	Calm	Calm	54.9	33.8	39.1	26.9	154.7	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N. S
12	SW	S	W	NNE	NW	N	41	37.8	42.1	32.2	153.1	10	Ci.-S.	Cu.	9	Ci.-S.	Cu.-N.
13	Calm	NW	NE	S	NW	NE	24.9	52.8	51.8	42.8	172.3	10	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N.NE
14	Calm	N	NW	SW	SW	SW	22.8	41.2	78.4	33	175.4	10	Ci.-S.	Cu.-N.	7	A.-Cu. WSW	Cu.-N.
15	S	S	S	SW	SW	Calm	35.4	48	57.4	16.1	156.9	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
16	Calm	Calm	Calm	SW	Calm	NE	9.7	34.1	46.9	45.4	136.1	8	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.-N.
17	NE	Calm	E	SW	SW	NE	22.2	33.2	67.1	33.7	156.2	8	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.-N.
18	NE	Calm	SW	SW	NW	Calm	18.2	45.7	98.5	15.5	177.9	5	Ci.-S.	Cu.	5	Ci.-S.	Cu.-N.
19	Calm	Calm	SW	SW	SW	SW	18.2	61.7	134.7	98	312.6	5	Ci.	Cu.-N.	3	Ci.	Cu.
20	SW	SW	SW	SW	SW	Calm	96	75.1	101.9	24.7	297.7	5	Ci.	Cu.-N.	5	Ci.-S.	Cu.-N.
21	NW	Calm	N	SW	NW	Calm	17.5	22.7	69.7	19.3	129.2	8	Ci.-S.	Cu.	8	Ci.-S.	Cu.-N.
22	Calm	SW	SW	SW	SW	SW	31.1	129.2	134.4	127.9	422.6	6	A.-Cu.	Cu.-N. SW	10	Ci.-S.	Cu.
23	WSW	W	SW	SW	SW	S	134.4	102.4	141.8	111.5	490.1	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. SW
24	SW	SW	SW	SW	SW	SW	109.2	105.7	158.4	156.6	529.9	10	Ci.-S.	Cu.-N. SW	10	Ci.-S.	Cu.-N.SW
25	SW	SW	SW	SW	SW	SW	182.8	155.3	149.9	116.4	604.4	8	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.SW
26	S	S	SW	NW	W	Calm	105.1	85.3	65.2	49.3	304.9	8	A.-Cu.	Cu.-N.	9	Ci.-S.	Cu.-N.
27	E	SW	S	SW	S	SW	31.4	39.1	45.4	44.1	160	9	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N.
28	SW	SW	Calm	SW	SW	SW	67.3	31.1	65.5	61.8	225.7	8	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.-N.
29	SW	Calm	SW	SW	W	Calm	37	64.6	81.8	24.1	207.5	8	Ci.-S.	Cu.	9	A.-Cu. S	Cu.
30	Calm	Calm	SW	SW	SW	Calm	14.8	36	69	17.7	137.5	5	A.-Cu.	Cu.	5	Ci.-S.	Cu.
Mean	------	------	------	------	------	------	48.7	60.8	80.9	50.2	240.5	8.2	----------	----------	8.2	----------	----------
Total	------	------	------	------	------	------	-----	-----	-----	-----	7,216.2	----	----------	----------	----	----------	----------

ILOILO.

[$\phi = 10°\ 42'$ N; $\lambda = 122°\ 34'$ E; barometer above sea, 6.5 meters; gravity correction not applied, —1.34 mm.]

OCTOBER, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.48	58.36	58.37	56.20	56.91	58.94	57.88	25.6	2b	30.5	31.2	28.5	24.7	27.6	32.5	24.5	91	92	68	68	78	94	81.8	7.9
2	58.42	58.53	59.07	57.17	58.12	58.83	58.36	25.5	25.5	30.1	31	24	24.5	26.8	32.3	23	94	93	71	65	93	94	85	38.6
3	58.38	58.41	59.37	57.61	58.72	59.44	58.66	24.4	24	27.5	27.5	26.5	24.5	25.7	28.8	24	95	97	84	75	84	92	87.8	1.8
4	58.89	58.47	59.57	57.52	58.37	59.70	58.75	25	24.5	29	29	27.5	25.5	26.8	30.5	24.1	92	96	75	74	77	86	83.3	19
5	58.92	59.07	59.80	57.55	58.20	59.49	58.84	24.2	24	28	29.6	28	26.5	26.7	30.2	23.8	93	91	75	70	76	86	81.8	------
6	58.34	58.02	59.10	56.51	57.59	58.70	58.04	25	24	29.2	29.5	27.5	26	26.9	30	23.8	95	96	77	71	79	89	84.5	------
7	57.60	57.43	58.30	56.01	57.31	58.57	57.54	25.2	24	29	29.7	27.6	25	26.8	31.5	23.6	90	96	72	64	74	88	80.7	9.9
8	57.10	57.73	58.57	56.54	58	59.12	57.84	24	23.5	29.2	29	26.2	25.2	26.2	31.5	23.3	93	89	70	69	84	90	82.5	------
9	58.17	58.54	59.20	57.47	58.05	60.05	58.58	24.2	23.5	29.5	29.2	28.2	25.6	26.7	31.1	22.7	97	96	71	66	70	85	80.8	------
10	59.19	59.68	60.01	57.36	58.21	59.51	58.99	24.8	23.6	30	30.5	27	25.5	26.9	32.5	23.5	90	95	71	65	79	86	81	------
11	57.97	58.12	58.69	56.05	56.61	58	57.57	24.8	24.1	30	31.2	29.3	26.6	27.7	31.7	23.7	89	91	75	58	66	82	76.8	------
12	57.14	57.04	58.09	55.91	56.45	57.71	57.06	25.5	25.2	30	31.6	28.5	26.8	27.9	32	24.7	88	90	69	62	78	86	78.8	------
13	57.38	57.57	58.49	56.65	57.21	58.43	57.62	25.6	25.4	30	27.5	27.2	26	27	31.5	24	89	93	71	77	84	92	84.3	25.9
14	57.10	57.25	58.30	56.26	56.52	57.71	57.21	24	24.5	29.4	26	25.6	25	25.8	31.5	23	93	96	74	96	91	93	90.5	4.6
15	56.57	56.83	57.50	54.91	55.36	57.45	56.60	24.5	24	29	30.8	27.2	26.2	27	31.4	23.8	94	96	74	67	85	89	84.2	------
16	56.47	56.85	57.41	55.17	56.86	57.89	56.78	25.2	24.5	28.5	30	24.7	24.5	26.2	31	24.2	93	92	74	71	86	92	84.7	13.7
17	57.17	57.24	58.30	55.51	56.54	58.26	57.17	24	24.2	29	31.1	28.2	26.4	27.2	31.5	23.2	98	98	74	66	78	85	83.2	------
18	57.53	57.68	58.35	55.74	56.77	58.03	57.35	25	25.2	31.6	31	28.5	26.5	28	32.5	24.4	92	91	62	69	81	86	80.2	------
19	56.87	56.93	57.30	54.80	55.57	57.30	56.46	26	25.5	30.2	31.1	29.4	27	28.2	31.7	25.2	88	88	70	68	70	81	77.5	------
20	56.15	56.54	57.34	55.20	56.30	58.11	56.61	25.8	25.5	31	31.5	29	26.7	28.2	32.6	25.2	88	92	62	63	72	83	76.7	------
21	57.24	57.33	58.45	56.19	56.87	58.44	57.42	25.2	25.5	30	28.5	28	26	27.2	31.6	24.7	90	88	75	71	74	82	80	2.3
22	57.60	57.98	58	55.77	57	58.40	57.46	24.6	24.3	28.5	29.5	27.5	26	26.7	32	24	90	89	67	68	78	87	79.8	2.8
23	57.73	57.93	58.25	55.34	56.52	58.55	57.39	25.2	25	30.5	31.7	25	24.5	27	33	24.2	93	93	70	62	88	94	83.3	45
24	57.86	58.20	59.40	57.04	57.48	59.57	58.26	24.6	24	25.5	25.5	25.2	25	25	27	23.6	95	97	88	90	94	92	92.7	54.8
25	58.87	58.93	60.08	57.34	59.19	60.56	59.16	24.8	24.5	28.6	29.5	23.5	24.2	25.8	31.5	23.4	90	92	69	71	96	93	85.2	51
26	59.75	59.64	60.40	57.49	58.16	60.07	59.25	23.8	23.5	29	30	28	25.4	26.6	30.5	23.2	97	96	74	62	75	88	82	1.5
27	58.97	59.39	59.29	56.63	57.17	58.72	58.36	25	24.7	27	27.5	27.5	25.8	26.2	29	24.3	92	94	80	78	83	89	86	------
28	57.25	57.49	58.63	55.82	56.65	57.88	57.29	24.9	25	26.4	31.6	28	26.4	27	31.6	24.5	92	93	84	58	82	85	82.3	------
29	57.97	57.58	58.50	56.90	57.76	58.97	57.95	25	24.5	29.6	29.7	27.2	25.2	26.9	31.2	24	90	92	67	67	81	87	80.7	2.8
30	58.47	58.41	58.83	56.86	57.66	58.52	58.12	24.5	24	28.4	25.5	25.4	25	25.5	30.5	23.5	88	91	77	92	88	92	88	7.4
31	57.49	57.38	57.38	54.81	55.90	57.03	56.66	24.4	24.5	28.4	30	27	25.2	26.6	30.8	23.5	93	92	78	68	80	90	83.5	10.2
Mean	57.84	57.96	58.66	56.33	57.26	58.64	57.78	24.8	24.5	29.1	29.6	27.1	25.6	26.8	31.2	23.9	92	93.1	73.2	70	80.8	88.3	82.9	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	299.2

Day.	Wind.										Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Mid-night.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NW	N	Calm	SW	SW	SE	21.5	32.4	66.3	38.3	158.5	5	Ci.-S.	Cu.	5	Ci.-S.	Cu.
2	N	Calm	E	N	Calm	Calm	29	32.5	57.9	9.2	128.6	5	Ci.-S.	Cu.	5	Ci.-S.	Cu.-N.
3	Calm	W	SW	SW	Calm	Calm	15	41	30.9	27.4	114.3	9	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N.
4	Calm	Calm	SW	SW	Calm	N	12.4	33.2	51.2	32.4	129.2	8	Ci.-S.	Cu.-N.	5	Ci.-S.	Cu.-N.
5	NW	Calm	SW	SW	SW	Calm	26.2	27.2	76.2	28	157.6	8	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.-N.
6	Calm	Calm	SW	SW	SW	SW	14	37.8	80.5	29	161.3	3	Ci.	Cu.	8	Ci.-S.	Cu.-N.
7	SW	SW	Calm	SW	NW	N	19.1	24.4	54.4	30.9	128.8	5	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.-N.
8	N	N	NE	N	NE	Calm	22.5	32.8	57.3	15.5	128.1	5	Ci.-S.	Cu.	8	Ci.-S.	Cu.-N.
9	Calm	Calm	SW	SW	SW	N	10.8	32.8	79.7	41.8	165.1	5	Ci.-S.	Cu.-N.	7	Ci.	Cu.-N.
10	Calm	Calm	NE	NE	N	Calm	17.5	87.2	76.6	40	171.3	5	Ci.-S.	Cu.	5	Ci.-S.	Cu.-N.
11	N	N	NE	ENE	NE	N	38.6	91.5	118.3	71.6	320	5	Ci.-S.	Cu.-N.	5	Ci.-S.	Cu.-N.
12	N	N	NE	N	Calm	N	66	119.6	94.4	51.5	331.5	4	Ci.-S.	Cu.-N.	5	Ci.-S.	Cu.-N.
13	N	N	ENE	Calm	NE	Calm	54.7	64.9	61.2	17.2	198	5	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.-N.
14	Calm	N	NE	NW	N	N	32.5	52.8	62.5	60.7	208.5	7	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N. NE
15	N	N	NE	NE	N	Calm	39.6	60.4	70.3	15.1	185.4	6	Ci.-S.	Cu.	8	Ci.-S.	Cu.-N.
16	Calm	Calm	N	SW	NW	NW	12.2	23	58.7	26.9	120.8	5	A.-Cu.	Cu.-N.	8	Ci.-S.	Cu.-N.
17	Calm	Calm	N	Calm	Calm	N	19.1	26.2	26.9	37.2	109.4	6	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.-N.
18	Calm	NW	Calm	SW	NE	N	17.4	29	53.6	69.8	169.8	5	Ci.-S.	Cu.-N.	5	Ci.-S.	Cu.-N.
19	N	N	NE	NE	NE	N	50.9	95.3	111.8	66.5	324.5	6	Ci.	Cu.	6	Ci.-S.	Cu.-N.
20	N	N	NE	NE	NE	N	72.4	95.2	127.9	73.7	369.2	4	Ci.	Cu.	5	Ci.-S.	Cu.-N.
21	N	N	NE	NE	NE	N	67.1	84.2	112.5	82.6	346.4	6	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.-N.
22	N	N	Calm	S	E	Calm	61	26.6	58.9	25.9	172.4	9	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.-N.
23	Calm	Calm	NE	SW	NW	Calm	19.9	42	39.2	44.3	145.4	5	Ci.-S.	Cu.	6	Ci.-S.	Cu.-N.
24	N	S	W	SW	SW	SW	31.4	45.7	54.1	56.9	188.1	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
25	E	Calm	NE	SW	E	W	36	36.7	49.1	39.2	161	6	Ci.-S.	Cu.-N.	7	Ci.-S.	Cu.-N.
26	NW	N	NE	NE	N	NE	43.8	111.2	125.5	67.1	347.6	6	Ci.-S.	Cu.-N.	7	Ci.-S.	Cu.-N. NE
27	N	N	N	N	N	N	57.7	112	116.9	74	360.6	8	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.-N.
28	N	N	NE	NE	N	N	79.2	87.5	120.2	65.5	352.4	7	Ci.-S.	Cu.-N.	5	Ci.-S.	Cu.-N.
29	N	N	NE	N	N	N	60.2	114.1	75.3	61	310.6	5	Ci.-S.	Cu.	5	Ci.-S.	Cu.-N.
30	N	N	Calm	Calm	Calm	NE	43.5	48	49.6	25.7	166.8	4	Ci.-S.	Cu.	7	Ci.-S.	Cu.-N.
31	NE	NE	E	NE	Calm	Calm	30.6	52	50.1	23.5	156.2	5	Ci.-S.	Cu.-N.	7	Ci.-S.	Cu.-N. E
Mean	-----	-----	-----	-----	-----	-----	36.2	56.4	73.2	43.5	209.3	5.9	----------	----------	6.9	----------	----------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	6,487.4	----	----------	----------	----	----------	----------

ILOILO.

[$\phi = 10°\ 42'$ N; $\lambda = 122°\ 34'$ E; barometer above sea, 6.5 meters; gravity correction not applied, —1.84 mm.]

NOVEMBER, 1916.

Day.	Atmospheric pressure, 700 mm. +							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	55.90	56.08	56.66	54.25	55.97	56.74	55.93	25	24.5	29	28.8	24.5	24.6	26.1	32	24.3	93	96	71	69	92	95	86	1.3
2	56.10	56.29	57.22	55	56.58	58.40	56.60	24.5	24	29	29	25.8	24.8	26.2	30.7	23.7	94	96	76	71	85	90	85.3	7.6
3	57.29	57.65	58.06	55.63	57.07	58.85	57.42	24.2	24	29.6	31	28	26.4	27.2	31.7	23.5	91	96	72	65	79	89	82	7.9
4	57.24	57.53	57.60	55.42	56.39	57.77	56.99	25.6	25.5	29	24.5	26	25.4	26	30	23.5	93	96	76	96	92	93	91	29.7
5	56.63	57.29	57.97	54.69	55.70	57.32	56.60	24.6	24	28.6	29.5	28	25.4	26.7	30.5	23.4	93	91	73	64	74	87	80.3	
6	56.40	56.99	57.87	54.97	56.42	58.27	56.82	24.5	23.4	28	31	24	24.5	25.9	31.7	22.5	84	87	76	62	87	92	81.3	3.8
7	56.53	56.78	57.96	55.22	56.46	58.13	56.85	24	23	29.5	32.5	26	25.8	26.8	32.5	22.5	91	91	69	55	84	84	79	
8	56.84	57.34	58.54	56.22	57.06	59.08	57.51	26	25.5	29.7	29.2	27	25.8	27.2	30.8	25	87	92	73	74	79	81	81	
9	58.34	58.32	58.70	56.33	57.50	59.01	58.03	25	24.5	29.6	31.2	29	26.5	27.6	31.9	24.2	92	96	70	55	69	84	77.7	
10	58.28	58.37	58.65	56.12	57.21	58.43	57.84	25.2	24.5	29.1	30	26	25.5	26.7	31.4	24.3	90	92	71	72	88	89	83.7	4.3
11	57.17	57.64	58.88	56.92	57.47	58.66	57.79	25	24.4	25.8	24.5	25	24	24.8	29.4	23.4	92	91	88	96	96	96	93.2	8.9
12	57.79	57.86	58.67	56.45	57.03	59.31	57.85	24.4	24.5	28.5	30	27.5	25	26.6	31.1	23.8	90	87	70	59	73	88	77.8	19
13	58.23	58.40	59.66	57.38	57.54	58.87	58.35	24	24	25.5	26.5	26.5	25.2	25.3	28.2	23.6	91	91	86	80	80	86	85.7	5.6
14	57.93	57.94	58.02	55.84	57.07	58.07	57.48	24.6	24.8	29	30	26.2	25	26.6	30.7	23.8	88	89	67	65	82	88	79.8	4.3
15	56.80	56.77	56.98	55.05	56.34	57	56.49	24.5	24.5	28.8	28.5	25.4	25.4	26.2	31.5	23.8	92	92	73	78	92	93	86.7	
16	56.04	56.42	56.79	54.62	55.62	57.11	56.10	24.5	25	27.4	30	27.2	26.6	26.8	30.7	24.2	96	96	81	68	83	87	85.2	9.4
17	56.24	56.78	57.49	55.56	57.07	58.36	56.92	25	24.5	26.2	27.5	26	25	25.7	29	24.3	92	96	85	85	88	92	89.7	16
18	57.50	58.37	59.80	57.37	58.24	58.92	58.37	25	24.5	24.7	25.6	25.5	24.8	25	26.2	23.6	92	96	95	91	88	92	92.3	15.5
19	57.60	57.92	59.13	56.45	57.21	58.73	57.84	24.2	24.6	28.4	29.5	27.5	26	26.7	30	24	97	95	73	75	81	90	85.2	
20	57.98	58.13	58.62	55.60	57	58.94	57.71	25.2	24.5	29	28.5	27.5	24.8	26.6	31	23.9	93	96	76	78	77	87	84.5	
21	58.10	58.28	59.28	56.80	57.96	59.09	58.25	24	24	28.2	29.5	26	24.6	26	29.7	23.5	89	91	72	71	84	90	82.8	7.1
22	58.17	58.52	59.05	57.14	57.51	58.87	58.21	23.8	24	26.6	26.5	26.3	25.4	25.4	27.6	23.2	91	91	84	88	86	88	88	
23	58.43	58.54	58.97	56.77	57.65	58.81	58.20	24.2	23.2	28.5	31	28	25	26.6	32	23	94	96	74	62	77	85	81.3	
24	57.67	57.82	58.40	55.85	56.35	57.80	57.32	24.2	23.5	29	29.5	27.5	25.5	26.5	31.4	23	85	84	71	69	75	86	78.3	
25	56.87	56.55	57.46	54.94	55.87	56.72	56.40	24.5	24	29	29.5	27.4	24	26.4	30.7	22.8	89	91	69	65	73	83	78.3	
26	55.73	55.81	55.93	53.35	54.66	56.29	55.30	22.8	21.6	28.7	30.5	26.6	25	25.9	31.5	21.5	87	90	67	65	83	92	80.7	
27	54.97	55.34	55.91	54.29	55.06	56.17	55.29	23.4	22.5	29.5	26.5	25	24.5	25.2	30.2	22.5	95	96	72	84	92	92	88.5	12.4
28	55.13	56.03	56.47	54.93	55	56.11	55.61	24.2	23.5	28.5	25.5	25.5	24.8	25.3	29.8	23	93	96	75	92	92	93	90.2	15.3
29	55.50	55.72	56.80	54.96	56.39	57.77	56.19	24.8	24.5	26.5	26	26	25	25.5	28	23.9	93	96	81	88	78	83	86.5	15.2
30	56.14	57.14	58.03	55.98	56.54	57.49	56.89	24	23.5	27.7	28	25.5	23.8	25.4	29	22.7	88	87	70	60	74	83	77	.8
Mean	56.98	57.29	57.99	55.67	56.66	58.04	57.10	24.5	24.1	28.2	28.7	26.4	25.1	26.2	30.4	23.5	91.2	92.7	75.2	73.4	82.8	88.6	84	
Total																								184.1

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	SW	N	NE	SE	Calm	Calm	31.1	41.8	48.5	16.4	137.8	5	Ci.-S.	Cu.-N.	7	Ci.-S.	Cu.-N.
2	NW	N	NE	E	NW	Calm	24.1	57.4	56.9	25.5	163.9	6	Ci.-S.	Cu.-N.	7	Ci.-S.	Cu.-N.
3	Calm	N	NNE	N	NW	Calm	27.6	75.1	66.5	23.3	192.5	5	Ci.-S.	Cu.	7	Ci.-S.	Cu.-N.ENE
4	NE	NE	N	NE	SE	NW	71.4	112.9	65.8	30.3	280.4	10	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N.
5	N	Calm	N	NE	NNE	Calm	18.3	59.5	85	41.3	204.1	6	Ci.-S.	Cu.-N.	7	Ci.-S.	Cu.-N.
6	NE	NE	NE	E	NNE	Calm	31.4	43.7	59.8	17.2	152.1	4	Ci.-S.	Cu.	6	Ci.	Cu.
7	NE	Calm	NE	SE	NE	Calm	18.5	25.9	56.9	16.4	117.7	4	Ci.	Cu.	5	Ci.-S.	Cu.-N.
8	Calm	Calm	SW	SW	NW	Calm	6.9	47.7	63.1	26.6	134.3	7	Ci.-S.	Cu.-N.	7	Ci.-S.	Cu.-N.
9	NE	Calm	ENE	NE	E	N	21.1	23.6	45.7	34.1	124.5	7	A.-Cu.	Cu.-N.	5	Ci.-S.	Cu.-N.
10	N	N	NE	NE	NW	N	30	63.6	70.6	42.6	206.8	5	Ci.-S.	Cu.	9	Ci.-S.	Cu.-N.
11	N	N	N	NE	NE	NE	71.4	73.4	112.1	83.4	340.3	8	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N. NE
12	N	N	NE	NE	N	NE	107	164.7	166.6	79.4	517.7	8	Ci.-S.	Cu.-N.	5	Ci.-S.	Cu.
13	N	NE	NE	NNE	NE	N	102.5	129.2	133.9	86.1	451.7	8	A.-Cu.	Cu.-N.	9	Ci.-S.	Cu.-N. NE
14	N	N	NE	NE	N	NE	97.4	156.3	164.1	54.4	472.2	8	A.-Cu.	Cu.-N.	7	Ci.-S.	Cu.-N.
15	NE	NE	NE	SW	Calm	Calm	39.9	42.4	39.9	21.7	143.9	9	A.-Cu.	Cu.-N.	8	Ci.-S.	Cu.-N.
16	NW	E	NE	E	SW	Calm	32.8	49.1	44.9	29.3	156.1	8	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.-N.
17	Calm	Calm	SW	SW	SW	SW	15	47	80.7	51.7	194.4	8	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
18	SW	SW	SW	SW	SW	SW	51.3	63.3	47.5	31.6	193.7	10	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N.
19	SW	Calm	Calm	SW	SW	SW	16.7	25.4	76.6	34.1	152.8	7	Ci.-S.	Cu.-N.	6	Ci.	Cu. SW
20	Calm	Calm	Calm	SW	SW	N	13	20.6	51.5	44.5	129.6	6	A.-Cu.	Cu.-N.	7	Ci.-S.	Cu.-N.
21	N	Calm	NW	SW	Calm	Calm	24.3	22.8	48.8	25.2	121.1	7	A.-Cu.	Cu.-N.	7	Ci.-S.	Cu.-N.
22	NE	N	NE	NE	NE	NE	26.6	43.8	52.3	22.4	145.1	8	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
23	Calm	Calm	E	SW	Calm	Calm	16.3	26.6	37.2	35.2	115.3	5	Ci.	Cu.	5	Ci.	Cu.-N.
24	N	N	N	NNE	NW	N	55.2	66.2	60	62.3	243.7	5	Ci.-S.	Cu.	7	Ci.-S.	Cu.-N.
25	N	NE	NE	NE	NE	N	55.3	90.7	112.7	54.5	313.2	5	Ci.-S.	Cu.	5	Ci.-S.	Cu.-N.
26	Calm	Calm	NE	SW	Calm	NW	18.2	29.8	68.6	19.3	135.9	3	A.-Cu.	Cu.	5	Ci.	Cu.-N.
27	Calm	NW	SW	N	NW	NW	21.5	35.6	37.5	21.1	115.7	5	Ci.-S.	Cu.	9	Ci.-S.	Cu.-N.SW
28	NE	WNW	SW	SE	Calm	N	22.8	33.2	31.9	29	116.9	7	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
29	NE	Calm	NE	NW	N	NE	29.3	28.8	40.7	32.9	131.7	9	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N. NW
30	NE	N	N	N	NE	N	75.1	129	150.3	96.8	451.2	8	Ci.-S.	Cu.-N.	7	Ci.	Cu.
Mean							39.1	61	72.2	41.3	213.5	6.7			7.4		
Total											6,406.3						

ILOILO.

[$\phi = 10°\ 42'$ N; $\lambda = 122°\ 34'$ E; barometer above sea, 6.5 meters; gravity correction not applied, —1.84 mm.]

DECEMBER, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.41	57.09	57.57	54.97	55.19	56.10	56.22	22.6	22.5	27	28.5	26	25	25.3	29.5	22	88	87	68	64	76	83	77.7	------
2	55.19	55.38	56.18	54.74	56.30	57.28	55.84	24.2	24	28.4	26.6	25	24.6	25.5	28.8	23.6	87	91	75	83	92	88	86	4.4
3	56.93	57.04	58.13	55.85	56.83	58.34	57.02	24.2	24.2	28.7	30.1	26.5	26	26.6	30.7	23.6	90	90	76	71	88	89	84	------
4	57.34	57.78	58.60	55.79	56.41	57.54	57.24	25.2	25	28	30.5	28	25.6	27	31	24.4	92	92	80	65	74	87	81.7	------
5	56.47	57.08	57.67	55.35	55.63	56.90	56.52	24.5	24.5	28.5	29	25.7	25	26.2	30.4	24	92	92	74	74	90	92	85.7	------
6	55.65	56.13	57.13	55.35	55.84	56.77	56.14	24.6	24	28.7	28.8	25.5	24.8	26.1	30.7	23.8	93	91	66	72	90	92	84	.8
7	55.80	56.39	56.92	54.82	55.72	57.17	56.14	24.6	24	29	30	27.6	25.3	26.8	30.5	23.5	91	91	71	62	76	89	80	------
8	56.03	56.40	57.23	54.85	55.37	56.99	56.14	24.5	24	28	29.5	28.5	25	26.6	30	23.6	90	91	74	64	67	88	79	1.3
9	56.07	56.78	57.72	55.52	55.97	57.22	56.55	24.4	24.5	28.7	29.5	28	25.6	26.8	30.5	23.5	88	87	76	68	67	79	77.5	------
10	56.60	57.17	58.06	55.31	56.34	57.61	56.85	24.4	24.5	29.3	30.7	28.5	25.6	27.2	31.1	24	87	92	70	58	70	87	77.3	------
11	56.57	57.06	57.57	55.51	56.10	57.89	56.78	24.8	24.5	29.4	30	27.5	25	26.9	31.2	24	92	92	65	62	75	88	79	------
12	56.63	56.34	57.18	55.05	56.62	57.17	56.50	24.5	24	29	29.3	25	24.8	26.1	30.2	23.8	91	96	72	72	83	85	83.2	3.6
13	56.23	56.99	57.47	55.35	56.25	56.90	56.53	24.8	24.5	28.7	30	26.5	25	26.6	30.1	23.5	87	92	74	62	80	88	80.5	4.6
14	55.62	55.78	56.99	54.87	55.47	56.47	55.87	24.6	24.5	25.1	26	25.5	25	25.1	26.6	23.7	90	92	94	88	84	88	89.3	3.1
15	55.46	55.99	56.97	54.56	55.77	56.50	55.88	24.8	24.5	26.5	26	25.5	25	25.4	27.6	24.4	92	96	88	92	90	93	91.8	5.6
16	55.43	55.69	56.58	54.32	54.82	55.69	55.42	25	25	28.5	28.5	27.5	25.8	26.7	29.6	24.2	92	89	75	77	77	85	82.5	------
17	55.10	55.88	56.66	54.44	55.47	56.42	55.66	25	25	27.5	28.5	25.6	25.2	26.1	29.1	24.8	90	92	82	78	91	90	87.2	.8
18	55.40	56.03	56.32	54.36	55.32	56.26	55.62	25.2	25	29	29.5	27.5	26	27	30.5	24.4	92	92	71	71	81	87	82.3	------
19	55.57	56.16	57.02	54.69	55.95	57.10	56.08	24.8	24	29.5	31	28.5	26.8	27.4	31.3	23.6	92	96	72	62	75	86	80.5	15.2
20	56	56.92	57.02	55.31	56.52	58	56.63	25	24.5	29	29	27.2	24.5	26.5	29.6	23.6	92	94	71	71	75	87	81.7	------
21	56.92	57.53	57.36	55.30	56.16	57.48	56.79	24.4	24.5	27	29.2	27.5	25.8	26.4	30.2	23.6	90	92	84	71	78	85	83.3	10.2
22	56.32	57.31	57.35	54.91	56.36	57.72	56.66	24.6	24.5	27.1	29.4	27.4	25	26.3	30	23.8	92	92	80	68	76	90	83	------
23	56.19	57.03	57.32	55.40	56.35	57.62	56.65	24.1	23.5	28.5	29	26.5	24	25.9	29.5	23.2	89	91	68	64	76	83	78.5	------
24	56.24	57.31	57.63	55.62	56.78	57.27	56.81	22.6	22	28	29.3	26.5	25	25.6	29.7	21.5	88	91	70	62	76	85	78.7	------
25	56.73	57.39	57.68	56.08	57.95	58.06	57.32	24	24	28.4	27.5	23	23	25	29.7	22	85	83	69	81	97	93	84.7	11.6
26	56.35	56.66	56.79	55.07	56.57	56.72	56.36	23.5	23	28	28	22	23	24.6	28.5	21.5	91	91	74	76	96	93	86.8	13.2
27	55.61	56.21	56.44	55.03	56.18	56.29	55.96	23.5	23.6	25.6	25.5	25	24.8	24.7	27.6	21.4	92	95	91	88	88	89	90.5	11.9
28	55.79	56.53	57.04	55.33	56.46	57.07	56.37	24.8	24	27	27	25.6	25	25.6	28.7	24	88	96	81	81	88	85	85.7	.5
29	55.93	56.30	57.13	55.06	55.93	57.20	56.26	24.2	24	28.5	29	27	25.2	26.3	29.6	23.7	90	91	70	68	81	86	81	------
30	56.03	56.74	56.93	54.80	55.96	57.28	56.29	24.5	24.2	28.6	30	27.5	25.6	26.7	30.9	24	89	90	72	65	78	87	80.2	------
31	56.72	57.58	57.93	55.55	57.11	58.24	57.19	25	24.5	28.5	29.4	27.2	25.6	26.7	30.7	24.2	90	92	77	75	83	88	84.2	------
Mean	56.08	56.67	57.24	55.13	56.12	57.14	56.40	24.4	24.1	28.1	28.8	26.5	25.1	26.2	29.8	23.5	90.1	91.6	75.2	71.5	81.1	87.6	82.8	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	86.8

Day.	Wind.										Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NE	NE	NNE	N	N	NE	77	132.5	125.7	52.6	387.8	5	Ci.	Cu.	7	Ci.	Cu.
2	N	NE	WNW	N	NE	N	43.8	40.4	98	73.5	255.7	9	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N.
3	N	N	NE	ENE	N	N	61.2	85.9	86.7	85.8	319.6	6	Ci.-S.	Cu.-N.	6	Ci.	Cu.
4	N	N	N	NE	NE	N	77.7	87.7	129.3	73.7	368.4	5	Ci.	Cu.	5	Ci.-S.	Cu.-N.
5	N	N	NE	N	N	N	60.2	110.4	122.8	82.9	376.3	5	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.-N.
6	NE	NE	NE	N	N	N	61.4	123.4	120.9	92.8	398.5	6	Ci.-S.	Cu.-N.	6	Ci.-S.	Cu.-N. N
7	N	N	N	NE	NE	N	93.8	114.1	128.9	54.5	391.3	5	Ci.-S.	Cu.-N.	3	----------	Cu.
8	N	N	NE	NE	NE	N	74.6	98.7	110.2	82.1	365.6	5	Ci.-S.	Cu.	3	Ci.	Cu.
9	N	N	NE	NE	NE	N	69	105.6	127.1	81.8	383.5	3	Ci.	Cu.	3	----------	Cu.
10	N	N	NE	NE	NE	N	75.9	116.1	121.8	71.6	385.4	3	Ci.	Cu.	3	Ci.	Cu.
11	N	N	NE	NE	N	NW	93.9	125.5	139.2	83.1	441.7	3	Ci.	Cu.	5	Ci.	Cu.
12	N	N	NE	NE	N	N	109.9	133.1	163.9	110.4	522.3	3	Ci.	Cu.	6	Ci.-S.	Cu.-N.
13	N	N	N	NE	N	N	105.7	133.8	145.1	104	488.6	8	Ci.-S.	Cu.-N.	6	Ci.-S.	Cu.-N.
14	N	N	N	N	NE	N	99	132.6	144.3	97.6	473.5	8	Ci.-S.	cu.-N. ENE	10	Ci.-S.	Cu.-N.
15	N	N	N	NE	N	N	88.3	80.3	90.1	60.4	319.1	9	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
16	N	N	NE	NE	NE	N	58.4	122.8	162.8	82.1	426.1	9	Ci.-S.	Cu.-N.	7	Ci.	Cu.
17	N	NE	NE	NE	N	N	91.2	92.8	119.6	70.2	373.8	7	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N.
18	N	N	NE	E	NE	N	72.2	134.2	101.9	60.9	369.2	8	A.-Cu.	Cu.	9	A.-Cu.	Cu.
19	N	N	ENE	NE	NE	NW	54.9	73.4	70.2	41.6	240.1	6	Ci.-S.	Cu.-N. NE	4	Ci.	Cu.
20	N	N	NE	NE	NE	N	64.7	109.6	145.6	84	403.9	7	Ci.-S.	Cu.-N.	7	Ci.-S.	Cu.
21	N	N	N	NE	N	N	66.5	113.5	146.4	89.9	416.3	8	Ci.-S.	Cu.-N.	9	Ci.	Cu. NE
22	N	NE	NNE	NE	NE	N	40.5	82.7	132.6	77.7	333.5	9	Ci.-S.	Cu.-N.	7	Ci.-S.	Cu.
23	N	N	NE	E	NE	N	88.3	125.3	146.9	48	409	3	Ci.	Cu.	3	----------	Cu.
24	NE	N	NE	NE	NE	N	52.9	84.8	133.9	72.7	344.3	6	Ci.-S.	Cu.	3	Ci.	Cu.
25	N	N	NE	N	N	N	74	111.2	116.1	88.5	389.8	7	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.-N.
26	N	N	NE	NNE	N	N	87.2	127.9	135.5	117.2	467.8	8	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.NE
27	N	N	NE	NE	N	N	124.5	117.3	139.4	97.4	478.6	10	Ci.-S.	N. NE	10	Ci.-S.	Cu.-N.
28	N	N	NE	NE	NE	NE	120.4	154.2	226	133.9	634.5	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. NE
29	N	N	NE	NE	NE	N	136.3	152.9	112.1	73.4	474.7	8	Ci.-S.	Cu.	6	Ci.	Cu.
30	NW	N	NE	NE	NE	NW	60.4	71.3	86.1	62.5	280.3	5	Ci.	Cu.	6	A.-Cu. SE	Cu.
31	N	N	NE	NE	N	N	57.4	66.8	66.5	48	238.7	7	Ci.	Cu.	7	Ci.	Cu.-N.
Mean	-----	-----	-----	-----	-----	-----	78.8	108.6	125.7	79.2	392.2	6.5	----------	----------	6.6	----------	----------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	12,157.9	----	----------	----------	----	----------	----------

ORMOC.

[$\phi = 11°\ 00'$ N; $\lambda = 124°\ 36'$ E; barometer above sea, 5.6 meters; gravity correction not applied, —1.83 mm.]

JANUARY, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.70	55.65	55.57	52.70	53.09	54.69	54.73	23.8	24.6	23.3	23.4	24.9	23.5	23.9	25.1	22.6	95	90	97	98	96	99	95.8	61.2
2	53.46	54.83	56.12	54.30	55.50	56.70	55.15	24.4	22.7	27.9	28.4	25.5	26.2	25.8	29.8	22.4	88	97	72	77	91	78	83.8	.5
3	56.99	57.08	58.41	56.90	57.85	59.26	57.75	25.7	25.9	28	29.9	28.6	24.5	27.1	31.7	23.5	81	81	77	73	78	92	80.3	------
4	58.79	59.65	60.93	58.48	59.18	60.01	59.51	23.1	22.3	28.6	31.3	28.4	24.3	26.3	32.4	21.9	97	96	75	63	80	90	83.5	.8
5	60.01	60.31	61.24	58.72	59.34	60.38	60	23.8	23.3	28.6	32	27.8	24.6	26.7	32.8	22.9	92	95	77	60	78	94	82.7	5.7
6	59.57	59.60	60.86	58.95	59.34	60.15	59.74	23.1	22.3	28.6	29.4	27.9	24	25.9	30.7	22.1	98	96	71	73	78	93	84.8	.3
7	59.70	59.82	61.01	58.60	59.43	60.20	59.79	23.1	23.1	27	29.6	27.2	23.9	25.6	31.7	22.6	94	94	80	70	77	92	84.5	------
8	60.10	60.27	61.10	59.62	60.34	61.08	60.42	24.4	23.9	29.5	27.7	27.2	25.2	26.3	30.4	23	90	91	69	84	84	91	84.8	5.4
9	61	61.07	61.38	58.99	60.84	61.72	60.83	24.3	24.1	29.4	31.7	25.9	24.9	26.7	32	23.5	94	94	79	64	89	92	83.2	3
10	61.39	61.49	61.85	59.18	60.30	61.55	60.96	24.1	25.5	28.6	31.4	27.7	25.9	27.2	32.6	23.4	94	79	79	63	80	92	81.2	------
11	60.71	61.02	61.63	59.04	60.13	60.34	60.48	25.1	24.2	29	30	26.6	27.4	27	31.4	23.9	93	92	71	71	86	73	81.2	1.5
12	59.14	59.38	60.74	59.18	59.77	60	59.70	25.2	24.9	25.5	23.6	23.6	23	24.3	26	22.4	90	91	93	98	97	99	94.7	21.4
13	58.81	58.69	59.43	57.41	58	58.12	58.41	25.2	25.1	27.9	25.3	25.9	24.7	25.8	28.3	24	79	82	68	88	76	93	81	2.3
14	56.42	56.08	56.81	53.05	53.53	50.07	54.32	25.8	24.3	24.4	24.2	24.2	23.8	24.2	24.8	22.5	96	97	97	96	98	97	96.8	181.4
15	46.93	49.22	52.43	50.64	51.78	53.09	50.68	24.4	25	24.9	25.2	24.4	25	24.7	27	21.4?	99	95	96	98	99	99	97.7	66.3
16	51.79	51.45	53.65	53.26	55.02	57.13	53.72	24.2	24.5	24.4	24.3	23.9	23.6	24.2	25.5	23.2	98	98	97	97	96	95	96.8	50.1
17	56.88	56.72	58.22	56.59	57.47	58.90	57.46	23.8	23.7	24.1	24.2	23.9	23.5	23.9	25.6	22.5	91	91	90	88	84	86	88.3	------
18	58.28	58.22	59.47	57.65	58.69	59.38	58.62	23.1	23.9	26.1	26.9	24.6	23.9	24.8	27.3	22.5	85	79	67	65	80	87	77.2	------
19	58.48	58.65	59.62	58	59.17	59.80	58.95	23.4	23.7	27	26.9	25	23.1	24.8	28.2	22.5	88	86	68	73	78	86	79.8	------
20	59.01	59.03	60.14	57.75	58.48	58.64	58.84	22.2	22.9	26	26	24.2	24.4	24.3	26.6	21.6	90	86	76	72	83	81	81.3	1.8
21	57.69	57.93	59.04	56.72	56.58	56.77	57.46	24.1	22.9	23.8	25.9	24.6	24.4	24.3	26.2	22.6	86	94	97	85	94	92	91.3	9.7
22	56.58	56.14	57.53	56.17	56.43	56.81	56.61	24	24.1	24.6	24.8	24.9	24.1	24.4	26.1	23.4	98	97	98	99	98	95	97.5	22.6
23	55.64	55.54	56.98	55.21	56.51	57.32	56.20	24	24.2	26.6	27.7	25.4	24.9	25.5	29.3	23.7	95	96	92	84	95	92	92.3	10.6
24	56.81	56.89	57.64	56.47	57.29	58.57	57.28	24.6	23.9	24.5	24.6	24.3	25.3	24.5	25.9	23.6	98	96	96	95	97	80	92.8	20.4
25	57.57	58.23	59.11	57.44	57.56	58.62	58.09	23.5	24	27.2	26.4	25.2	26.9	25.5	29.6	22.8	92	91	82	82	87	77	85.2	4.4
26	57.18	57.82	59.11	57.10	57.40	58.89	57.92	26.2	26.1	24.9	25.5	25.9	24.9	25.6	26.9	24.2	79	76	95	93	92	92	87.8	8.8
27	57.29	57.14	58.37	56.01	57.22	58.23	57.38	25	24.7	27	27.9	26.4	25	26	28.8	23.9	85	90	74	79	86	91	84.2	12.5
28	57.72	57.96	57.96	55.87	57.05	58.66	57.54	24.2	23.9	27.5	29.9	27.8	25	26.4	31.2	23.6	96	97	73	67	74	92	83.2	3.6
29	57.39	57.22	58.04	55.69	56.27	57.61	57.04	23.9	22.9	27.4	28.9	25.9	24.1	25.5	29.5	22.6	93	97	81	77	91	98	89.5	54.7
30	56.94	57.30	58.45	55.98	56.83	57.70	57.20	23.1	22.4	27.2	28.4	28	24.1	25.5	29.8	22.3	97	96	78	70	76	95	84.5	------
31	57.08	56.97	57.80	55.96	56.07	57.48	56.89	22.6	22.4	27.8	29.4	28.4	23.9	25.8	30.6	21.9	97	96	82	76	80	91	87	------
Mean	57.49	57.66	58.73	56.70	57.50	58.32	57.73	24.1	23.9	26.7	27.4	25.9	24.6	25.4	28.8	22.9	91.7	91.5	81.6	79.9	86.4	90.5	86.9	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	549

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	N	NNW	NNW	S	SSE	26.6	84.8	71.9	133.1	366.4	10	Ci.-S.	Cu.-N. NW	10	Ci.-S.	N. NW
2	SSE	E	SE	SSE	E	E	146.1	85.3	156.1	a45.7	433.2	10	Ci.-S.	N. ESE	10	A.-Cu.	Cu.-N. S
3	-----	-----	SE	SSE	S	Calm	-----	65.7	56.8	18.8	-------	5	Ci.	Cu. SSW	4	Ci.-S. E	Cu.
4	Calm	Calm	S	S	Calm	Calm	19.5	24.3	40	19.3	103.1	7	Ci.-S.	Cu.	5	Ci.	cu. Ebys
5	Calm	Calm	W	SE	Calm	NE	18.5	37.8	58.2	20.6	135.1	5	Ci.-S. E	Cu.	4	Ci.	Cu. E
6	Calm	Calm	Calm	Calm	Calm	S	17.2	32.7	24.1	18	92	7	Ci. E	S.-Cu.	5	Ci.-S.	Cu. E
7	W	W	SE	SE	Calm	Calm	23.8	30.4	52.1	19.9	126.2	7	Ci.-S.	Cu.-N. E	6	Ci.-S.	Cu. E
8	Calm	Calm	S	Calm	Calm	Calm	19	39.6	36	24.3	118.9	6	A.-Cu. E	Cu.-N.	8	Ci.-S.	Cu.-N. E
9	Calm	Calm	SW	SW	Calm	Calm	17.2	35.4	30.3	19.3	102.2	8	Ci.-S.	cu.-N. ENE	9	Ci.-S.	Cu.-N.
10	Calm	NE	NNW	SE	Calm	Calm	18	35.9	40	15.1	109	7	Ci.-S.	Cu.-N. E	7	Ci.-S.	Cu. ENE
11	Calm	Calm	Calm	W	Calm	NE	20.4	26	40.4	34.8	121.6	6	Ci.-S.	Cu.-N.	8	Ci.-S.	cu.-N.ENE
12	Calm	Calm	Calm	Calm	Calm	Calm	17.1	19.9	35.4	22.3	94.7	10	Ci.-S.	Cu.-N. NE	10	Ci.-S.	Ou.-N.ENE
13	NNE	WNW	N	NW	NNW	Calm	42	48.8	44.6	31.6	167	10	Ci.-S.	cu.-N. ENE	10	Ci.-S.	Cu.-N.
14	NNW	NW	Calm	NW	NNW	WNW	25.9	33.3	47.5	116.9	223.6	10	Ci.-S.	cu.-N. ENE	10	Ci.-S.	cu.-N.NNE
15	WNW	S	SSE	SSE	SSW	SSW	84.8	337.3	356.6	a181	959.7	10	Ci.-S.	N. SW	10	Ci.-S.	N. S
16	SSW	Calm	NW	NNW	NW	NNW	-----	a58.4	93	76.6	-------	10	Ci.-S.	N. WNW	10	Ci.-S.	N. NW
17	NNW	NW	NNW	NNW	NW	NNW	66.5	86.6	98.7	56.8	308.6	10	Ci.-S.	N. N	10	Ci.-S.	Cu.-N. N
18	NNW	NNW	NW	NNW	NW	NW	84	79.1	89.8	42.4	295.3	10	Ci.-S.	Cu.-N. N	10	Ci.-S.	cu.-N.NNE
19	NW	N	NW	NW	NW	Calm	40.8	46.4	69.4	18.8	175.4	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
20	Calm	Calm	NW	NW	NNW	NNW	17.9	56.9	65	46.7	186.5	9	Ci.-S.	cu.-N. ENE	9	Ci.-S.	cu.-N. NE
21	NW	NW	NW	NW	WNW	NW	42	46.2	68.1	60.6	216.9	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
22	Calm	NW	NNW	Calm	Calm	NE	35.9	52.3	17.9	25.2	131.3	10	Ci.-S.	cu.-N. ENE	10	Ci.-S.	N.
23	Calm	NNW	NW	NW	Calm	Calm	37.8	40	35.7	25.5	139	10	Ci.-S.	cu.-N. ENE	10	Ci.-S.	Cu.-N. E
24	NNW	NW	WNW	NW	Calm	ENE	47.3	40.4	17.5	42.8	148	10	Ci.-S.	N.	10	Ci.-S.	cu.-N.ENE
25	Calm	Calm	NW	Calm	NW	NE	21.4	31.9	39.2	45.3	137.8	10	Ci.-S.	cu.-N. ENE	10	Ci.-S.	Cu.-N. E
26	NE	NNE	SW	Calm	Calm	Calm	47.7	31.6	26.2	27.2	132.7	10	A.-Cu. Ebys	Cu.-N. NE	10	A.-Cu. E	N. SE
27	NE	NNE	NE	NNE	NNE	NNE	39.2	55.8	50.5	32	177.5	10	Ci.-S.	M.-Cu. E	10	Ci.-S.	cu.-N.ENE
28	NNE	Calm	NE	SE	Calm	Calm	23.6	45.4	53.4	17.7	140.1	10	Ci.-S.	N.	9	Ci.-S.	cu.-N.ENE
29	NNE	N	NW	SW	Calm	Calm	18	31.6	30.9	29.5	110	8	Ci.-S.	Cu.-N. E	8	Ci.-Cu. E	cu.-N.ENE
30	Calm	Calm	W	S	Calm	Calm	20.1	29.3	43.8	15.1	108.3	8	A.-Cu. E	S.-Cu.	6	ci.-s. Ebys	Cu.
31	Calm	Calm	S	S	Calm	Calm	15.3	29.6	57.7	15.1	117.7	4	Ci.	S.-Cu.	6	A.-Cu.	Cu.
Mean	------	------	------	------	------	------	36.3	54.8	62.8	46.7	195.8	8.6	----------	----------	8.5	----------	----------

a 1 hour missing.

ORMOC.

[$\phi = 11°\ 00'$ N; $\lambda = 124°\ 36'$ E; barometer above sea, 5.6 meters; gravity correction not applied, −1.83 mm.]

FEBRUARY, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.70	56.78	58.36	55.98	56.13	57.46	56.90	22.8	21.7	27.9	30.4	28.4	26.5	26.3	31.2	21.4	96	97	82	69	81	95	86.7	
2	56.90	57.32	58.73	55.87	56.77	58.27	57.31	24.6	24.4	28	30.5	28.6	25.5	26.9	31.9	24.2	95	96	81	68	80	92	85.3	
3	57.42	57.72	58.89	56.77	57.15	58.53	57.75	22.9	22.4	28.9	30.2	28.2	24.4	26.2	31.2	21.9	96	95	74	70	79	92	84.3	
4	57.88	58.14	59.32	57.51	57.07	58.23	58.02	23.6	23.4	28.7	30	28.4	25.3	26.6	31.4	22.9	97	96	79	73	81	93	86.5	
5	58.11	58.22	59.70	57.18	57.53	58.75	58.25	23.5	22.9	29	30	29	24.9	26.6	31.2	22.8	96	96	78	71	71	88	83.3	
6	59.12	59.12	59.67	57.06	57.10	58.11	58.36	23	22.4	29.9	32	28.5	23.4	26.5	32.7	22.2	92	96	64	60	70	89	78.5	
7	57.49	57.51	58.21	56.48	56.63	57.58	57.32	21.9	20.9	28.5	30.4	27.4	22.5	25.3	31.9	20.7	93	95	74	64	70	92	81.3	
8	57.48	57.49	58.46	56.68	57.48	59.16	57.79	20	19	28.2	30.3	27	18.4	23.8	32.1	16.8	94	96	70	63	68	83	79	
9	58.91	59.55	60.26	58.25	59.28	60.55	59.47	16.2	15.5	26.9	30.9	25.4	20.9	22.6	31.9	14.8	92	91	62	46	66	88	74.2	
10	59.79	60.12	61.29	58.99	59.27	60.72	60.03	19.1	17.9	27.4	29.2	27.6	24.2	24.2	30.1	17.4	93	93	68	66	68	77	77.5	
11	59.82	59.80	61.04	58.86	60.53	61	60.18	22	23.4	27.3	28.7	24.4	24.1	25	29.8	21.1	88	87	74	66	96	93	84	17.3
12	59.80	59.67	61.14	59.03	59.39	61.12	60.02	23.6	24.4	26.7	28.4	26.4	24	25.6	29	23.2	94	82	71	62	80	95	80.7	4.3
13	60.28	60.16	61.34	59.36	59.69	61.64	60.41	23.7	23.5	27.3	27	26.5	25.6	25.6	30.1	22.4	96	87	77	68	75	75	79.7	2.3
14	60.89	60.81	61.74	59.06	59.65	60.75	60.48	23.6	22.9	28.1	29	25	23.4	25.3	31	22.5	88	91	69	64	87	95	82.3	9.4
15	59.80	59.76	60.89	58.33	58.93	60.56	59.71	22.8	21	29.4	31	27.9	25.5	26.3	32.3	20.5	97	95	59	53	66	75	74.2	
16	59.69	59.80	60.98	58.19	59.27	60.85	59.80	23.2	21	27.1	29.6	25.5	23.9	25	30.2	20.8	85	95	78	70	93	96	86.2	1.5
17	58.84	59.42	60.33	57.69	58.28	59.88	58.99	23.3	22.9	26.9	28.3	26.2	24.6	25.4	29.7	21.9	96	95	83	74	89	94	88.5	2.5
18	58.04	58.08	58.71	56.40	57.10	57.63	57.66	24.4	23.6	28	26.3	25.8	24.9	25.5	31.5	23.4	94	97	77	92	93	96	91.5	19.6
19	56.91	56.68	58.21	56	56.41	57.64	56.98	24.3	23.6	24.4	26	25.1	24.8	24.7	27.1	23.4	97	98	97	91	96	97	96	26.4
20	57.18	57.27	57.56	55.84	56.37	57.45	56.94	24	23.6	28	28.9	26.2	25.2	26	30.4	23.4	96	98	73	74	90	95	87.7	67
21	57.28	56.97	58.21	56.65	56.26	58.21	57.26	23.4	23.9	29	25.4	26	25.4	25.5	29.4	23.1	98	97	76	93	84	89	89.5	13.5
22	57.59	57.90	58.86	57.01	57.96	59.17	58.08	23.6	23.4	28.5	26.8	25.6	23.4	25.2	30.2	23.2	97	97	80	83	93	96	91	6.9
23	57.99	57.91	59.41	57.29	57.86	59.31	58.30	24	20.9	27.8	29.8	27.4	25.1	25.8	30.3	20.8	90	96	71	65	73	79	79	
24	58.30	58.35	58.67	57.32	57.48	58.97	58.18	21.5	21	28.2	28.9	27.2	24.4	25.2	30	20.4	95	93	65	65	77	87	80.3	
25	58.41	58.75	59.18	56.83	57.10	58.47	58.12	21.3	20.7	27.7	29.4	27.4	24	25.1	30.5	20.4	97	97	72	64	80	91	83.5	
26	57.72	57.82	58.99	56.75	56.96	58.08	57.72	23.8	22.4	27.9	31	26.6	23.4	25.8	31.4	21.5	91	96	74	51	79	87	79.7	
27	57.68	57.80	58.81	56.50	56.90	58.34	57.67	21.3	20.5	28.7	30	27.3	22.4	25	31.7	20.4	94	95	59	58	63	78	74.5	
28	57.32	57.42	58.36	55.94	56.41	58.02	57.24	22.9	23.5	28	28	26	25.5	25.6	30.2	22.9	88	93	75	80	93	95	87.3	4.1
29	56.90	57.09	58.80	56.25	56.66	57.90	57.27	25.3	25.2	28	26	26.2	25.7	26.1	28.7	24.8	93	94	88	100	94	94	93.8	78.7
Mean	58.28	58.39	59.45	57.24	57.71	59.03	58.35	22.7	22.1	27.9	29	26.8	24.2	25.5	30.7	21.6	93.7	94.3	74.1	69.8	80.5	89.5	83.7	
Total																								253.5

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10.*			*0–10.*		
1	SE	Calm	Calm	SE	SE	Calm	19.9	23.8	51.2	15.3	110.2	4	Ci.-S.	S.-Cu.	5	Ci.-S.	Cu. E
2	Calm	Calm	SE	S	Calm	Calm	13.5	36.2	58.7	12.1	120.5	7	A.-Cu. SSE	S.-Cu.	5	Ci.-S. SW	Cu.
3	Calm	Calm	SE	S	Calm	Calm	24.9	38.9	52.8	19.3	135.9	3	Ci.-S.	S.-Cu.	4	Ci.-S. WNW	Cu.
4	Calm	Calm	S	SE	SE	Calm	15.9	34.3	75	19.6	144.8	8	A.-Cu.	Cu.-N. W	4	Ci.	Cu.
5	Calm	Calm	SE	S	Calm	S	17.5	45.1	50.9	17.4	130.9	7	Ci.-S.	Cu. SW	4	Ci.	Cu. W
6	Calm	Calm	NW	WNW	Calm	Calm	20.6	33.3	52.8	18.2	124.9	4	Ci.-S.	S.-Cu.	4	Ci.-S.	Cu. NW
7	Calm	NW	W	S	Calm	Calm	23.1	33.3	50.7	24.6	131.7	6	Ci.	Cu.	5	Ci.	Cu.
8	Calm	Calm	W	S	Calm	Calm	22.2	34.1	51.7	24.4	132.4	5	Ci.	S.-Cu.	3	Ci.	Cu.
9	Calm	NW	NW	NNW	Calm	Calm	23.6	32.4	57.4	15.9	129.3	7	Ci.-S. E	S.-Cu.	2	Ci.	Cu.
10	NNW	N	NW	S	Calm	NE	25.4	35.1	65.8	30	156.3	8	Ci.-S. SSW	S.-Cu.	8	Ci.-S.	Cu. NE
11	Calm	Calm	WNW	SSE	Calm	Calm	24.6	35.7	47.5	14.5	122.3	9	Ci.-S.	cu.-N.EbyN	10	Ci.-S.	cu.-N.ENE
12	Calm	SW	Calm	NE	Calm	Calm	18.8	32.8	49.7	27.9	129.2	10	Ci.-S.	Cu.-N. ESE	10	Ci.-S.	Cu.-N. E
13	Calm	Calm	NNE	NE	Calm	Calm	25.5	50.7	48.3	18.2	142.7	9	Ci.-S.	Cu.-N. E	10	Ci.-S.	Cu.-N. E
14	NNE	Calm	SSW	S	NW	Calm	23.3	35.9	45.1	21.9	126.2	7	A.-Cu. W	S.-Cu.	10	Ci.-S.	cu.-N.ENE
15	Calm	N	NE	NE	E	Calm	28.7	47.7	57.7	20.6	154.7	6	Ci.	Cu.	4	Ci.	Cu. E
16	W	WNW	NW	SW	N	Calm	26	40.5	33.2	17.2	116.9	8	Ci.-S.	Cu.-N. E	10	Ci.-S.	Cu.-N. E
17	N	Calm	N	E	Calm	W	26.4	31.1	39.6	26.9	124	6	A.-Cu. E	S.-Cu.	10	Ci.-S.	S.-Cu.
18	N	Calm	NW	Calm	Calm	Calm	20.9	31.2	37.6	17.2	106.9	10	Ci.-S.	cu.-N.EbyN	10	Ci.-S.	Cu.-N. E
19	N	Calm	Calm	Calm	N	Calm	31.4	20.6	26.4	14.8	93.2	10	Ci.-S.	cu.-N.EbyN	10	Ci.-S.	Cu.-N. E
20	Calm	Calm	SW	SE	Calm	SSE	20.6	33	60.4	35.1	149.1	10	Ci.-S.	Cu.-N. E	10	Ci.-S.	Cu.-N. E
21	Calm	NE	SE	E	SE	ESE	32.5	44.8	48	40	165.3	10	Ci.-S.	Cu.-N. E	10	Ci.-S.	Cu.-N.
22	Calm	Calm	S	ENE	S	Calm	18.8	41.5	58.1	21.2	139.6	8	A.-Cu.	S.-Cu.	10	Ci.-S.	cu.-N. SSE
23	Calm	Calm	NW	S	E	NE	26.2	44	55.7	27.4	153.3	8	Ci.-S.	S.-Cu.	6	Ci.-S.	Cu. E
24	Calm	NE	N	S	Calm	Calm	25.4	34.8	48.8	17.1	126.1	8	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu. ENE
25	Calm	Calm	NW	WNW	Calm	Calm	18.3	25.1	42	16.3	101.7	6	Ci.-S.	S.-Cu.	10	Ci.-S.	cu.-N.ENE
26	Calm	Calm	NW	N	Calm	Calm	16.4	44.3	65.4	20.9	147	10	Ci.-S.	S.-Cu.	9	Ci.-S.	cu.-N.NNE
27	Calm	Calm	NNW	NNW	N	Calm	18.8	52.6	58.7	25.5	155.6	9	Ci.-S. SE	Cu.-N.	6	Ci.-S.	Cu. NE
28	Calm	Calm	NNW	NNW	NNW	Calm	20.6	66.5	62.2	19.5	168.8	10	Ci.-S.	Cu. NE	10	Ci.-S.	Cu.-N. N
29	Calm	N	N	ESE	NW	Calm	35.4	38.3	47	26	146.7	10	Ci.-S.	N.	10	Ci.-S.	N. WNW
Mean							22.9	37.8	51.7	21.6	134	7.7			7.5		
Total											3,886.2						

ORMOC.

[$\phi = 11°\ 00'$ N; $\lambda = 124°\ 36'$ E; barometer above sea, 5.6 meters; gravity correction not applied, —1.83 mm.]

MARCH, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.28	58.24	59.49	57.44	58.38	59.07	58.32	24.9	24.3	24.9	27.5	25.5	25.5	25.4	28.5	23.5	91	84	86	73	79	68	80.2	0.5
2	58.42	58.27	59.64	57.94	58.10	59.88	58.71	25.9	25.5	27.5	28.4	26.5	27	26.8	29.2	24.9	66	68	66	62	68	64	65.7	
3	58.50	58.78	60.64	59.10	59.41	61.04	59.58	26.7	25.4	28.4	27.6	25.8	24.4	26.4	29.4	23.8	66	72	64	71	84	96	75.5	28.7
4	60.40	60.49	61.77	59.50	59.57	60.34	60.34	23.6	22.1	23.3	26.6	25	22.9	23.9	27.7	21.4	97	98	94	77	92	97	92.5	3.5
5	59.61	59.84	60.68	58.40	58.45	59.35	59.39	21.1	21.8	28	29.9	26.4	23.6	25.1	30.6	20.4	95	93	73	69	92	97	86.5	14.5
6	58.68	58.30	59.17	56.80	57.71	58.52	58.20	22.3	21.9	27.8	28.2	25	23.9	24.8	29.5	21.6	98	96	77	80	93	96	79	.3
7	57.58	57.94	59.41	56.78	57.05	58.32	57.85	21.9	21	27.9	31	28.5	22.2	25.4	31.4	20.8	96	95	71	62	67	88	79.8	
8	58.19	58.83	59.84	57.54	57.99	59.58	58.66	20.7	19.4	27.8	30.2	28.9	24.5	25.2	30.8	19.2	91	95	67	64	74	87	79.7	
9	59.38	59.53	60.65	57.83	58.23	59.36	59.16	21.1	19.5	28.2	30.9	29.4	25.9	25.8	32.1	19.4	97	95	69	69	68	88	81	
10	58.72	58.70	60.14	57.73	58.11	59.49	58.82	23.1	21.4	28.4	24.8	25.4	23.5	24.4	28.9	21.2	91	95	72	96	93	97	90.7	18.5
11	58.42	58.44	59.55	57.55	58.18	59.64	58.63	22.1	21.4	29.2	26.2	25.9	24.5	24.9	30.6	20.7	99	96	74	90	92	95	91	8.2
12	58.59	58.92	60.06	57.84	58.23	60.80	59.07	23.9	24	28.9	31.8	28.3	26.1	27.2	32.2	23.6	94	95	67	58	71	91	79.3	4.8
13	59.50	60.02	60.43	58.53	58.98	60.75	59.70	24.5	24.2	28.4	32.2	29	26.8	27.5	33.4	23.6	97	97	77	55	71	73	78.3	
14	59.22	59.11	59.34	57.28	58.13	59.65	58.79	22.7	21.4	29.5	32.4	28	24.1	26.4	33	21.1	90	94	67	47	59	82	73.2	
15	58.32	58.32	59.36	57.55	57.98	59.38	58.48	23.3	24.4	26	25	24.6	23.5	24.5	26.3	23	90	91	87	91	94	95	91.3	14.3
16	58.28	58.64	60.01	57.68	58.20	60.05	58.81	23.3	23.4	27.2	28.2	26.1	25.1	25.6	29.6	22.8	95	92	71	73	82	87	83.3	9.4
17	59.28	59.57	60.45	57.98	59.11	60.46	59.48	24.2	23.5	28.5	31.2	26.8	25	26.5	32.3	22.9	92	83	77	52	69	79	75.3	.3
18	59.68	59.79	60.39	57.78	58.78	60.30	59.45	22.6	21.7	28.6	32	27.7	27	26.6	32.7	21.4	89	94	66	54	64	70	72.8	
19	59.51	59.52	59.85	58.03	58.22	59.01	59.02	24.7	25.1	29.6	30.2	26.8	27	27.2	31.1	24.2	84	78	60	62	77	75	72.7	.8
20	58.78	59.12	60.12	57.68	58.26	59.81	58.96	24.8	24.9	30	32	28.4	26.4	27.8	32.9	22.9	88	79	61	57	70	70	70.8	.3
21	58.78	59.13	60.45	58.62	59.13	60.55	59.44	23.8	22.4	29	28.9	27.6	23.4	25.8	31.5	21.9	85	90	65	69	73	96	79.7	11.9
22	59.61	59.92	60.99	58.71	59.24	60.70	59.86	23.5	23.2	29.4	31	28.4	26.4	27	33.5	22.7	98	96	72	64	72	76	79.7	1
23	60.31	60.36	61.25	59.28	59.88	61.61	60.45	25.1	23.9	30.6	31	29.5	26.6	27.8	33.1	23.4	87	94	62	71	61	71	74.3	
24	61.31	61.50	62.10	59.81	60.70	62.05	61.24	24.3	22.5	30.1	31	28.7	26.4	27.2	33.1	22.1	82	91	59	59	66	80	72.8	
25	61.02	61.15	61.60	59.64	59.95	61.68	60.84	24.8	24	30.2	27	27.4	25.9	26.6	30.8	23.5	88	92	65	81	67	78	78.5	11
26	61.09	61.29	61.91	59.49	59.79	61.19	60.79	23.8	23.8	27	30.2	29	27.4	26.9	31.5	23.4	93	96	82	65	69	70	79.2	
27	60.51	60.50	61.19	59.17	59.83	61.74	60.49	27.1	26.9	30.4	31.5	27.9	26	28.3	33	25	71	70	66	59	70	79	69.2	
28	60.40	60.48	60.93	58.58	59.05	60.56	60	23.8	22.5	30.2	31.6	28.9	25.3	27	33.1	21.8	85	89	64	62	67	84	75.2	1
29	58.99	59.54	59.90	57.74	57.83	59.38	58.90	23.9	23.6	28.9	29	27.8	25.4	26.4	31.1	23.2	93	95	75	75	79	87	84	11.2
30	58.42	58.89	59.35	56.91	57.57	58.76	58.32	24	23.8	29.5	32.6	29	26	27.5	33.4	22.9	91	92	70	55	66	83	76.2	
31	57.88	58.42	58.84	56.57	57.27	58.55	57.92	23.6	23.4	29.4	30.1	28.6	25.4	26.8	31.4	23.1	92	95	66	71	79	93	82.7	.5
Mean	59.18	59.40	60.31	58.11	58.62	60.05	59.28	23.7	23.1	28.5	29.7	27.4	25.3	26.3	31.2	22.4	89.4	90	70.7	67.5	75.1	83.6	79.4	
Total																								140.7

Day.	Wind.										Clouds.				
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Mid-night.		Amount.	Form and direction. Upper.	Lower.	Amount.	Form and direction. Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NW	WNW	W	NNW	NW	NW	46.2	59.2	87.7	42.4	235.5	10	Ci.-S.	Cu.-N. NE	10	Ci.-S.	Cu.-N.NNE
2	NNW	NNW	NW	NNE	N	SE	57.3	62.3	59.2	54.4	233.2	9	Ci.-S.	Cu.-N. E	9	A.-Cu.	Cu.-N. NE
3	SW	NW	NE	NE	SE	Calm	56.3	69.2	44	17.2	186.7	7	Ci.-S.	Cu.-N. ENE	10	Ci.-S.	Cu.-N.ENE
4	Calm	Calm	NW	Calm	Calm	Calm	21.2	34	34.1	17.1	106.4	10		N.	10	Ci.-S.	Cu.-N.
5	Calm	Calm	Calm	SE	Calm	Calm	23.5	34.1	40.5	17.1	115.2	6	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N. E
6	Calm	Calm	SSE	SE	Calm	Calm	18	33.3	57.7	16.9	125.9	4	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N.
7	Calm	Calm	W	SW	NE	NE	22	29.3	49.6	41.5	142.4	4	Ci.-S.	S.-Cu.	4	Ci.	Cu.
8	Calm	Calm	SW	SSE	SE	Calm	23.9	32.4	55.3	19.1	130.7	2	Ci.-S.	S.-Cu.	3	Ci.	Cu.
9	Calm	Calm	SE	SE	SW	Calm	22.7	26.9	41.8	18.5	109.9	4	Ci.	S.-Cu.	5	Ci.	Cu. NE
10	Calm	Calm	NE	Calm	Calm	Calm	16.9	24.4	39.2	13.9	94.4	7	Ci.-S. E	Cu.-N.	9	Ci.-S.	Cu.-N.
11	Calm	Calm	Calm	Calm	Calm	Calm	19.3	29.6	28.5	17.5	94.9	1	A.-Cu.	Cu.	10	Ci.-S.	Cu.-N.ENE
12	Calm	Calm	SW	NE	Calm	Calm	18.3	36.7	53.4	23.3	131.7	8	Ci.-S.	Cu.-N. E	8	Ci.-S. ESE	Cu.-N. E
13	Calm	Calm	WSW	NE	Calm	NE	19.6	35.1	48.9	32.7	136.3	8	Ci.-S.	Cu.-N. E	6	Ci.-S.	Cu. E
14	Calm	Calm	NNW	ENE	NE	Calm	21.4	40	74.5	20.4	156.3	4	Ci.-S.	Cu. ENE	7	ci.-s. SEbys	Cu. ENE
15	Calm	N	NW	Calm	Calm	Calm	17.1	25.1	29	19.1	90.3	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N. E
16	Calm	N	NE	S	ENE	N	17.7	42.1	48.8	23.1	131.7	10	Ci.-S.	Cu.-N. E	10	Ci.-S.	Cu.-N. E
17	Calm	NE	SSW	ENE	NE	Calm	19.1	41.3	68.6	23.6	152.6	10	Ci.-S.	Cu.-N. E	6	A.-Cu.	Cu. E
18	N	N	SW	ENE	NE	N	26.6	47.5	74.3	41.3	189.7	6	Ci.-S.	Cu.-N. E	7	Ci.-S. SE	Cu. E
19	Calm	NE	ENE	ENE	NE	Calm	28.8	57.3	47.5	31.1	164.7	7	A.-Cu. E	Cu.-N.	10	Ci.-S.	Cu.-N. E
20	Calm	Calm	ESE	SE	E	NE	29.6	63.1	58.9	33.2	184.8	8	Ci.-S.	Cu.-N. E	4	Ci.	Cu. E
21	Calm	N	E	S	Calm	Calm	25.1	42.3	38.8	29.5	135.7	4	Ci.-S. SE	Cu. E	10	Ci.-S.	Cu.-N. E
22	Calm	Calm	SW	SW	Calm	NE	15.1	38.8	61.8	25.5	141.2	6	A.-Cu. E	Cu.-N.	6	Ci.-S.	Cu. E
23	Calm	N	ENE	SW	ENE	N	21.7	52.3	66.2	42.1	182.3	4	Ci.-S.	Cu.-N. E	5	Ci.	Cu. E
24	Calm	Calm	NE	SSW	NE	N	15.8	64.7	58.4	33.8	172.7	7	Ci.-S.	Cu.-N. E	7	Ci.-S.	Cu. ENE
25	N	N	NE	Calm	N	Calm	34.6	45.4	33	16.7	129.7	7	Ci.-S.	Cu.-N. E	10	Ci.-S.	Cu.-N. E
26	Calm	Calm	WNW	N	E	NE	15.9	29.3	35.6	59.5	140.3	10	Ci.-S.	Cu.-N. E	9	Ci.-S.	Cu.-N. E
27	NE	NE	SSW	SE	NE	Calm	55.5	62	47.8	22.5	187.8	7	Ci.-S.	cu.-N. ENE	7	Ci.-S.	Cu.-N. E
28	NE	Calm	SW	SE	NE	Calm	24.6	49.6	39.1	21.9	135.2	7	A.-Cu.	Cu.-N. E	9	Ci.-S.	Cu.-N. E
29	Calm	Calm	SW	SW	Calm	Calm	19.6	43.5	35.6	19	117.7	4	Ci.	Cu.-N. NE	10	Ci.-S.	cu.-N.ENE
30	Calm	Calm	SSE	ENE	NE	Calm	18.3	47.7	66.5	23.5	156	7	Ci.-S.	Cu.-N.	6	Ci.-S.	Cu. E
31	Calm	Calm	WSW	SSE	Calm	Calm	22	40.5	56.9	16.3	135.7	8	Ci.-S.	Cu.-N. E	8	Ci.-S.	Cu.-N.
Mean							25.6	43.2	51	26.9	146.7	6.6			7.8		
Total											4,547.6						

ORMOC.

[$\phi = 11° 00'$ N; $\lambda = 124° 36'$ E; barometer above sea, 5.6 meters; gravity correction not applied, −1.83 mm.]

APRIL, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.68	57.59	58.60	56.35	57.10	58.38	57.62	21.9	20.6	28	28.8	27.4	23.2	25	30.4	20	95	94	67	63	77	91	81.2	------
2	57.18	58.25	59.38	57.30	58.20	60.06	58.40	21.4	19.4	28	29.4	28.4	25	25.3	30.4	18.9	95	90	72	58	70	91	79.3	------
3	59.59	59.96	60.24	58.66	58.75	60.50	59.62	24.2	23.3	29.4	29.5	28.5	24.8	26.6	32.1	22.9	94	93	74	76	80	92	84.8	------
4	60.19	60.68	60.70	58.63	58.98	60.85	60	23.1	22.1	30.5	32.6	29.2	24.4	27	33.3	21.8	94	94	61	52	70	93	77.3	------
5	59.91	60.44	61.50	59.22	59.84	62.28	60.53	24.1	21.6	29.3	31	25.8	24.9	26.1	32.2	21.2	93	94	68	64	93	96	84.7	17
6	61.01	61.09	61.82	59.98	60.70	62.05	61.11	24.8	24.4	29.8	29.9	28.2	26.3	27.2	32.3	24	96	95	66	65	79	79	80	------
7	61.41	61.50	62.08	60.94	61.15	62.91	61.66	24.4	23	29	25.8	26.4	24.5	25.5	31.9	23	86	91	68	93	92	96	87.7	21.2
8	61.71	61.52	61.58	58.99	59.63	61.28	60.78	23.9	25.1	29.9	32.4	28.6	26.4	27.7	33.2	23.5	93	83	62	51	71	73	72.2	.5
9	60.89	61.05	61.40	59.65	59.61	61.19	60.63	24.2	24	25.9	25.8	26.6	23.7	25	29.4	22.6	86	92	91	92	76	91	88	13.7
10	60.42	60.35	60.88	58.94	59.76	60.94	60.22	22.4	22.5	29.4	29.9	27.6	26.9	26.4	31.5	21.1	91	93	70	71	67	74	77.7	.8
11	59.69	59.75	60.64	58.43	59.26	60.43	59.70	26.4	23.9	28.4	28.6	26	27.3	26.8	31.2	23.4	74	86	69	73	82	71	75.8	1.3
12	59.51	59.71	60.68	58.55	59.19	60.99	59.77	26.9	25.2	28	30.1	29.1	26.3	27.6	32.3	24.3	76	85	79	69	66	73	74.7	1.3
13	59.90	59.94	60.40	58.52	59.18	61.16	59.85	24.2	23.9	30.3	31.6	29.1	24.8	27.3	33.1	23.1	88	89	59	63	65	80	74	------
14	59.70	59.71	60.43	58.42	58.83	60.37	59.58	24.5	23.6	29	31.2	27.8	24.5	26.8	32.3	23.1	83	90	65	60	76	91	77.5	------
15	59.19	58.73	59.17	56.88	57.90	59.20	58.51	24.1	24.9	31	31.5	28.4	26	27.6	33	23.1	91	87	56	66	78	87	77.5	------
16	58.09	58.02	58.23	56.03	56.26	57.05	57.28	25.1	25.4	29.9	29	26.4	25.9	27	31.7	24.7	91	92	71	77	92	96	86.5	17.5
17	54.81	54.51	55.54	53.95	55.50	56.71	55.17	26.1	25.2	24.7	27.5	25.9	26.4	26	29.8	23.3	93	94	97	84	88	88	90.7	62.5
18	56.12	56.17	56.90	55	55.68	57.16	56.17	26.7	26.3	28.6	30	27.7	25.6	27.5	31.1	25.3	84	88	73	67	78	98	80.5	.8
19	56.31	56.61	57.68	55.67	56.33	57.93	56.76	25.3	24.9	27.5	29.2	27.9	25.4	26.7	31.1	24.4	93	96	87	76	77	88	86.2	6.6
20	56.88	57.04	57.75	55.44	55.78	57.48	56.73	23.8	24	28.4	28.8	27.9	24.4	26.2	31.5	23	94	95	80	79	76	91	85.8	.8
21	56.89	56.86	57.79	55.78	55.92	57.48	56.79	23.3	23.8	28.9	29.6	28	24.3	26.3	31.4	22.8	92	95	74	76	82	89	84.7	------
22	57.09	57.25	57.90	55.79	56.44	57.65	57.02	23.1	22.6	30	29.4	28.9	24.9	26.5	31.1	22.3	90	91	67	74	76	88	81	------
23	56.92	57.02	57.68	55.56	55.67	57.30	56.69	23	22.4	28.9	30.3	28.5	25.2	26.4	31	21.7	95	95	76	69	80	83	83	------
24	56.92	57.15	57.54	55.58	56.20	57.36	56.79	23.5	22.9	29.6	30.9	28.8	26.9	27.1	31.8	22.2	92	95	74	72	76	74	80.5	------
25	57.19	57.38	58.21	56.02	56.82	58.31	57.32	23.5	22.8	29.5	31.4	29.1	25.9	27	32.3	22	90	92	67	70	80	85	80.7	------
26	57.62	58.49	58.99	57.62	58.83	59.48	58.50	23.4	23	30.4	24.9	25.6	24.3	25.3	32.7	22.8	97	94	72	92	91	93	89.8	11.4
27	57.90	58.02	59.51	58.01	57.95	60.10	58.58	22.9	23.1	28.5	24.6	26.3	24.9	25	29.2	22.6	96	95	80	97	74	83	87.5	24.4
28	58.48	58.47	59.28	56.95	57.66	59.13	58.33	23.4	22.8	30	31.4	26.8	25.5	26.6	32.3	22.4	92	97	71	64	89	95	84.7	4.3
29	57.98	58.12	59.42	57.60	57.75	58.87	58.29	24.2	25.4	29	26.9	25.5	24.4	25.9	31	23.6	92	81	69	83	93	96	85.7	13.4
30	58.48	58.55	59.47	57.75	58.09	59.37	58.62	23.3	23.2	29.6	25	27.7	24.6	25.6	32.4	22.4	93	93	71	79	83	94	85.5	5.8
Mean	58.52	58.66	59.38	57.41	57.97	59.47	58.57	24	23.5	29	29.2	27.6	25.3	26.4	31.6	22.7	90.6	91.6	71.9	72.5	79.2	87.1	82.2	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	203.3

Day.	Wind.											Clouds.				
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m	Mid-night.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	Calm	SE	SE	SE	Calm	20.4	23.8	39.6	21.7	105.5	9	Ci.-S. S	Cu.-N.	9	Ci.-S. E	Cu.
2	Calm	NNE	WSW	SE	Calm	Calm	20.9	34.4	68.6	16.4	140.3	5	Ci.	S.-Cu.	6	Ci.-S. E	Cu.
3	Calm	Calm	SW	SE	Calm	Calm	13.1	31.4	52.9	18.2	115.6	8	Ci.-S. E	Cu.-N.	8	Ci.-S. E	Cu.
4	Calm	Calm	WNW	WNW	E	Calm	18.8	51.5	57.4	17.1	144.8	4	Ci.	S.-Cu.	6	ci.-s. Ebys	Cu.
5	Calm	Calm	SW	S	Calm	Calm	15.9	40.4	56.8	24.3	137.4	5	Ci.	S.-Cu.	5	Ci.	Cu. NE
6	Calm	Calm	SW	NE	Calm	ENE	9.4	39.1	35.1	34.6	118.2	5	Ci.-S. S	Cu.	10	Ci.-S.	Cu.-N. E
7	Calm	Calm	W	Calm	Calm	Calm	21.9	30.3	26.8	23.6	102.6	7	A.-Cu.ESE	S.-Cu.	10	Ci.-S.	Cu.-N.NE
8	WNW	Calm	NE	NE	E	NE	19.6	49.9	59.7	50.5	179.7	8	A.-Cu.ESE	S.-Cu.	6	A.-Cu.	Cu.-N. E
9	Calm	Calm	Calm	Calm	NE	Calm	19.6	22.2	30.3	22.5	94.6	9	Ci.-S.	N.	10	Ci.-S.	N.
10	Calm	N	S	SW	Calm	NE	24.1	55.7	49.3	35.1	164.2	7	Ci.-S.	Cu.	6	Ci.-S.	Cu.-N. E
11	NE	Calm	S	W	Calm	NE	34.1	57.4	45.6	35.2	172.3	8	Ci.-S.	Cu.-N. E	9	Ci.-S.	Cu.-N. E
12	Calm	NNE	S	ESE	Calm	Calm	27.6	44.9	45.7	20.1	138.3	10	Ci.-S.	N. ENE	9	Ci.-S.	Cu.-N. E
13	Calm	N	NE	SE	ENE	Calm	23.3	51.5	55	33.2	163	4	Ci.	Cu. E	5	Ci.	Cu. E
14	N	Calm	S	S	Calm	Calm	27.9	46.1	53.4	18.5	145.9	4	Ci.-S.	Cu. E	5	Ci. E	Cu. E
15	N	NNW	NE	S	Calm	Calm	18.5	45.6	55.8	19.3	139.2	7	Ci.-S.	S.-Cu.	7	A.-Cu. E	cu. NEbyE
16	Calm	Calm	NNW	NNW	Calm	NNW	34.3	50.9	70.2	30.8	186.2	9	Ci.-S.	Cu.-N. E	10	Ci.-S.	Cu.-N.NE
17	NW	WNW	NW	WNW	Calm	Calm	49.4	70.8	65	30.6	215.8	10	Ci.-S.	Cu.-N. NW	10	Ci.-S.	cu.-N. WNW
18	SW	SW	Calm	WSW	N	Calm	33	37	48.9	12.7	131.6	10	Ci.-S.	Cu.-N. W	10	Ci.-S.	Cu.-N. W
19	Calm	Calm	W	S	NW	Calm	8.5	20.9	44.5	16.3	90.2	9	Ci.-S.	Cu.-N. W	8	Ci.-S.	cu.-N. WNW
20	Calm	Calm	Calm	SE	Calm	Calm	14.8	38.6	46.1	15.8	115.3	8	A.-Cu. W	S.-Cu.	7	Ci.-S.	Cu.-N. W
21	Calm	Calm	S	SE	Calm	Calm	12.9	34.4	39.1	15.3	101.7	9	A.-Cu.	cu.-N. WSW	8	Ci.-S.	Cu.-N. W
22	Calm	Calm	WSW	SE	Calm	Calm	18.8	41.3	68.2	18.2	146.5	4	Ci.-S.	Cu.	4	Ci.-S.	Fr.-Cu.
23	Calm	Calm	S	SE	Calm	Calm	19.9	34.3	49.4	19	122.6	2	Ci.	Cu.	5	Ci.-S.	Fr.-Cu.
24	Calm	Calm	SW	S	Calm	Calm	22.8	31.4	60.7	28.2	143.1	2	Ci.	S.-Cu.	5	Ci.	Cu. E
25	N	Calm	W	S	Calm	Calm	26.4	35.1	47.5	19	128	1	Ci.	Cu.	6	ci.-s. WSW	Cu. E
26	Calm	Calm	SW	NNW	Calm	N	22.3	38	48	24.3	132.6	8	Ci.-S.	Fr.-Cu.	10	Ci.-S.	Cu.-N.NE
27	Calm	Calm	Calm	Calm	Calm	Calm	18.3	34.4	25.2	23.8	101.7	8	ci.-s. Wbys	Cu.-N.	10	Ci.-S.	cu.-N. ENE
28	Calm	Calm	SW	S	Calm	Calm	26.8	35.1	34.6	12.7	109.2	9	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N. E
29	Calm	Calm	W	Calm	Calm	Calm	28.2	36.5	46.2	13.7	124.6	9	Ci.-S.	Cu.-N.	10	Ci.-S.	N. E
30	Calm	Calm	W	Calm	Calm	Calm	17.9	32.7	31.2	17.7	99.5	6	A.-Cu. E	S.-Cu.	10	Ci.-S.	Cu.-N.
Mean	------	------	------	------	------	------	22.3	39.9	48.6	22.9	133.7	6.8	----------	----------	7.8	----------	----------
Total	------	------	------	------	------	------	------	------	------	------	4,010.2	----	----------	----------	----	----------	----------

ORMOC.

[$\phi = 11° 00'$ N; $\lambda = 124° 36'$ E; barometer above sea, 5.6 meters; gravity correction not applied, —1.83 mm.]

MAY, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.42	58.47	59.35	56.79	57.47	58.21	58.12	22.8	22.5	27.4	29.9	26.4	25	25.7	30.8	21.9	94	95	77	63	85	92	84.3	3.1
2	57.28	57.56	58.48	55.32	55.34	56.39	56.73	24.5	24.4	23.9	23.8	24.2	23.7	24.1	25.4	23.3	95	96	98	98	97	98	97	128.1
3	54.68	55.11	56.01	54.08	55.15	56.77	55.30	23.9	24.2	26.9	26.8	25.9	24.7	25.4	28	23.4	97	97	88	95	96	89	93.7	25.1
4	56.52	56.86	57.95	56.46	57.01	58.33	57.19	24.8	25.3	28.3	27.5	27.2	25.8	26.5	29.3	24.4	92	93	82	84	86	93	88.3	3.1
5	56.59	56.64	57.98	57.28	57.36	58.62	57.41	25	24.6	25.9	25.9	24.8	23.2	24.9	28.6	22.1	96	92	96	94	94	97	94.8	8.9
6	57.81	57.88	58.37	55.58	56.52	58.01	57.36	22.3	23.4	28.5	29.9	28.5	25.8	26.4	31	21.9	96	96	78	72	84	93	86.5	2.5
7	57.29	57.39	57.86	56.59	57.42	58.92	57.58	24.1	23.5	29.4	28.6	26.3	25.4	26.2	30.8	22.8	96	95	75	76	93	92	87.8	12
8	58.51	59.12	59.54	57.89	58.90	59.54	58.92	24.4	23.9	28.4	29.9	26.8	24.9	26.4	31	23.4	95	97	70	59	77	92	81.7	------
9	59	59.49	60.34	59.05	59.38	60.31	59.60	23.1	23.8	27.9	27.5	25.6	24.4	25.4	29.8	22.6	98	97	81	86	92	95	90.7	2.4
10	59.18	59.35	59.99	58.05	58.24	59.65	59.08	22.4	23.3	28.4	28.9	27.1	24.3	25.7	30.4	22	98	96	75	80	85	90	87.3	------
11	58.69	59.22	59.52	56.97	57.29	59.13	58.47	22.2	22.4	29.4	30.2	28.7	25.3	26.4	31.4	21.6	98	96	72	65	76	93	83.3	------
12	58.49	58.84	59.73	57.75	58.17	59.44	58.74	23.8	24.1	28	29.6	28.9	25.3	26.6	30.8	22.9	97	95	77	71	77	93	85	------
13	58.62	58.72	58.88	56.51	57.45	58.85	58.17	23.4	23.1	29.4	29.8	28.9	24.9	26.6	31.5	22.4	96	96	75	77	77	92	85.5	.5
14	58.22	58.36	58.67	56.21	56.50	58.04	57.67	24.7	24.3	24.7	27.5	27.5	24.5	25.5	29.3	23.6	92	95	93	81	85	95	90.2	2.5
15	57.38	57.53	57.88	56.02	56.39	58.18	57.23	23.9	24.1	30.2	30	28.9	24.9	27	32.1	23.3	96	94	66	71	71	90	81.3	------
16	58.02	58.69	59.99	57.72	58.73	60.16	58.88	25.1	23.2	29.9	30.9	28.1	24.9	27	32	22.7	77	89	65	61	77	87	76	------
17	59.29	59.38	60.09	58.11	58.98	60.49	59.39	24.3	24.7	30.3	31.3	28.2	27	27.6	32.2	23	93	88	70	66	75	74	77.7	------
18	58.82	59.23	59.29	56.91	57.32	58.80	58.40	23.4	23.2	28.6	30.1	28.3	25	26.4	32.2	22.5	95	93	76	74	74	85	82.8	.3
19	58.09	58.24	58.97	57.29	57.29	58.98	58.14	24.4	23.4	29.1	29.9	29.2	24.4	26.7	31.3	22.8	91	92	76	67	76	91	82.2	------
20	58.40	58.39	59.15	57.33	57.80	58.89	58.33	23	23	29.5	30.1	29.3	27	27	31.6	21.9	96	95	76	77	75	76	82.5	------
21	58.38	58.32	58.78	57.03	57.17	57.94	57.94	22.8	22.3	29.1	30.4	28.6	24.6	26.3	31.5	21.7	94	93	72	70	69	86	80.7	------
22	57.58	57.86	58.24	56.22	57.91	58.37	57.70	22.7	21.9	28.8	30.6	24.4	24.9	25.6	32.2	21.1	89	91	71	70	93	84	83	42.2
23	57.51	57.58	58.09	56.38	57.06	57.86	57.41	26.2	23.9	29.5	30.6	26.2	25.4	27	31.7	22.8	76	88	72	71	88	88	80.5	3.3
24	57.32	57.61	57.99	56.74	57	58.15	57.47	24.3	24.2	29.8	28.4	27.3	25.1	26.5	31.6	23.6	92	94	70	85	89	94	87.3	.3
25	57.28	57.34	57.52	56.50	56.68	57.18	57.08	24.5	24.4	30	27.6	27	25.9	26.6	31.6	23.3	97	94	68	84	91	94	88	4.1
26	56.01	55.35	56.80	56.25	56.47	57.82	56.45	25.3	25.4	26.6	26.6	27	25.1	26	27.9	24.6	98	97	94	90	90	95	94	21.6
27	57.61	57.31	57.85	55.58	55.87	57.76	57	24.4	23.9	28.5	29.3	29	25	26.7	30.9	23.4	98	96	78	73	81	92	86.3	------
28	56.82	56.89	57.68	56.17	56.46	58.15	57.03	23.5	23.5	29.6	29.5	28	25.3	26.6	31.4	22.7	98	97	77	76	84	94	87.7	------
29	56.88	56.87	57.52	55.51	56.69	58.12	56.93	24.2	23.9	29.6	31	29	25.6	27.2	32	23.3	95	96	75	68	81	95	85	------
30	57.31	57.99	58.52	57.04	57.39	59.12	57.90	24.6	24.4	29.8	27.8	27.6	24.4	26.4	30.8	23.4	97	96	74	81	81	96	87.5	------
31	58.09	58.07	58.60	57.11	57.78	59.06	58.12	22.9	22.9	29.2	29.9	27.6	24.8	26.2	31	21.8	97	94	69	68	80	92	83.3	------
Mean	57.74	57.92	58.57	56.72	57.26	58.56	57.80	23.9	23.7	28.5	29	27.4	25	26.3	30.7	22.8	94	94.3	77	75.9	83.2	90.9	85.9	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	260

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Mid-night.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	Calm	SE	NNW	N	Calm	16.4	23.1	41.8	21.1	102.4	8	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N.NE
2	Calm	Calm	Calm	Calm	E	E	12.9	22.2	23.9	29.2	88.2	10	Ci.-S.	Cu.-N. NNE	10	Ci.-S.	N. NW
3	SE	Calm	S	S	Calm	ESE	38	38.1	45.9	49.9	171.9	10	Ci.-S.	Cu.-N.	10	Ci.-S.	N. WSW
4	Calm	SE	ENE	Calm	Calm	Calm	22.5	29	18.7	21.5	91.7	10	Ci.-S.	Cu.-N SE	10	Ci.-S.	Cu.-N. ESE
5	Calm	Calm	SW	SSE	Calm	Calm	20.9	39.2	52.9	17.7	130.7	9	A.-Cu. S	S.-Cu.	10	Ci.-S.	Cu.-N. SSE
6	Calm	Calm	SW	S	Calm	Calm	17.5	25.7	38.1	12.7	94	9	Ci.-S.	S.-Cu.	5	A.-Cu.	Cu.
7	Calm	Calm	S	SE	Calm	SE	18.3	28.4	38.1	22.2	107	4	A.-Cu. E	S.-Cu.	9	Ci.-S.	Cu.-N. E
8	SE	Calm	NE	SE	E	Calm	26.8	27.9	47.5	18.2	120.4	10	Ci.-S.	N.	8	Ci.-S. ENE	Cu. E
9	Calm	Calm	Calm	SE	Calm	Calm	18.2	23.3	35.4	19.3	96.2	10	Ci.-S.	Cu.-N. ESE	10	Ci.-S.	Cu.-N. ESE
10	Calm	Calm	N	S	Calm	Calm	18.2	31.1	68.9	19.3	137.5	7	A.-Cu. SE	S.-Cu.	6	Ci.-S.	Cu.-N. ESE
11	Calm	Calm	SE	SE	Calm	Calm	19.8	34.6	48	14	116.4	4	Ci.-S.	Cu. E	7	Ci.-S.	Cu. E
12	Calm	Calm	SW	S	Calm	Calm	16.9	41.3	45.6	20.4	124.2	4	A.-Cu.	S.-Cu.	9	Ci.-S. NNE	Cu.-N.
13	Calm	Calm	SE	SE	Calm	Calm	18	36.5	54.2	15.6	124.3	6	Ci.-S. N	Cu.	8	Ci.-S.	Cu.-N. W
14	Calm	SE	Calm	SE	Calm	Calm	18.5	22.5	32.2	17.9	91.1	9	Ci.-S.	Cu.-N. W	10	Ci.-S.	Cu.-N. WNW
15	Calm	Calm	SE	S	SE	Calm	17.9	54.7	51.5	23.3	147.4	7	A.-Cu. WNW	S.-Cu.	10	Ci.-S.	Cu.-N. E
16	NE	N	Calm	S	Calm	Calm	30.8	33	33.3	21.1	118.2	7	A.-Cu. WbyN	S.-Cu.	8	A.-Cu.	Cu. ENE
17	Calm	N	SW	S	Calm	Calm	27.1	44.9	53.3	27.9	153.2	4	Ci.-S.	Cu. E	5	Ci.-S.	Fr.-Cu.
18	Calm	Calm	N	SSE	S	Calm	21.9	31.2	81	23.5	157.6	8	A.-Cu. E	S.-Cu.	6	A.-Cu. ENE	Cu. ESE
19	Calm	Calm	S	Calm	Calm	Calm	23.9	48.8	44.3	20.9	137.9	7	Ci.-S. W	S.-Cu.	9	Ci.-S.	Cu.-N. E
20	Calm	Calm	SW	S	Calm	Calm	24.4	31.6	48	20.1	124.1	2	Ci.-S.	S.-Cu.	7	Ci.-S.	Fr.-Cu.
21	Calm	N	SW	S	SE	Calm	23.8	38.6	36.7	23.5	122.6	3	Ci.-S.	Cu.	7	Ci.-S.	Cu. E
22	Calm	N	W	S	Calm	Calm	24.3	30.4	48.5	29.6	132.8	4	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N. E
23	Calm	Calm	SW	SW	SE	Calm	21.7	43.5	48	24.9	138.1	7	A.-Cu.	Cu.-N. E	8	Ci.-S.	Cu.-N. E
24	Calm	Calm	WNW	NNW	Calm	Calm	19.9	36.4	34.9	21.5	112.7	7	A.-Cu. E	Cu.	10	Ci.-S.	Cu.-N. E
25	Calm	Calm	NW	SE	Calm	Calm	17.7	30.3	29.8	16.7	94.5	4	Ci.-S.	Cu. E	10	Ci.-S.	Cu.N. ENE
26	Calm	Calm	SSE	SSE	Calm	Calm	14.7	105.1	74.3	13.9	208	10	Ci.-S.	N. E	10	Ci.-S.	Cu.-N.SSE
27	SE	Calm	SE	Calm	Calm	Calm	24.6	34.1	30.6	15.6	104.9	9	Ci.-S.	S.-Cu.	8	Ci.-S. NW	Cu.-N.
28	Calm	Calm	SW	Calm	Calm	Calm	19.1	31.6	38.1	15.6	104.4	2	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N.
29	Calm	Calm	SSW	S	Calm	Calm	15.1	40.4	72.2	19.9	147.6	7	Ci.-S.	Cu.	8	Ci.-S.	Cu.-N.
30	Calm	Calm	S	NW	Calm	Calm	16.3	36.8	25.9	20.4	99.4	7	A.-Cu. N	Fr.-Cu.	9	Ci.-S.	Cu.-N.
31	Calm	Calm	W	S	Calm	Calm	21.4	36.5	57.6	21.1	136.6	8	Ci.-S. N	Cu.	7	A.-Cu. NNE	Fr.-Cu.
Mean	------	------	------	------	------	------	20.9	36.5	45.1	21.2	123.7	6.9	----------	----------	8.5	----------	----------
Total	------	------	------	------	------	------	-----	-----	-----	-----	3,836	----	----------	----------	----	----------	----------

ORMOC.

[$\phi = 11° 00'$ N; $\lambda = 124° 36'$ E; barometer above sea, 5.6 meters; gravity correction not applied, —1.83 mm.]

JUNE, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P. ct.*	*mm.*
1	58.21	58.13	58.58	57.08	57.14	58.63	57.96	24	23	29.5	27.2	27.9	24.9	26.1	31.2	22.6	95	96	71	80	85	92	86.5	3.8
2	57.59	57.40	57.79	55.51	55.82	57.87	57	23.2	22.9	29.1	31	28.4	26	26.8	31.9	21.8	95	94	74	65	78	91	82.8	------
3	57.28	57.29	57.63	56.22	56.29	58.29	57.17	24.8	24.4	29.4	29.9	29.1	26.9	27.4	31.5	23.5	95	96	76	69	76	75	81.2	------
4	57.48	57.29	57.60	56.12	56.78	58.16	57.24	24.1	23.9	30	30.2	24.9	24.4	26.2	31.5	22.8	91	90	73	70	98	97	86.5	22.6
5	57.59	57.68	57.60	55.83	55.96	57.53	57.03	23.3	23.4	29	29.1	26.9	25.5	26.2	31	22.8	98	96	80	80	88	96	89.7	.5
6	56.71	56.47	57.01	55.28	55.49	56.68	56.27	24.1	23.2	28.4	29.4	29	24.9	26.5	30.9	22.7	96	97	79	71	77	92	85.3	------
7	56.39	56.59	57.12	54.82	55.66	56.82	56.23	23.4	23.1	30	31.5	29.4	26.1	27.2	32.3	22.4	97	94	68	62	72	90	80.5	------
8	55.49	55.68	56.61	54.99	55.57	56.92	55.88	24	23.4	28.4	26.8	26.9	24.4	25.6	31.5	22.8	95	95	77	85	92	96	90	.6
9	56.02	56.01	56.51	54.98	56.05	57.10	56.11	23.6	24.4	28.4	28.7	27.9	25.8	26.5	29.6	23.3	98	94	77	79	84	85	86.2	------
10	55.98	56.33	57.09	55.44	55.78	56.67	56.22	24.1	23.9	29.6	30.5	28.2	25.5	27	31.9	22.7	93	92	75	70	83	91	84	3.6
11	56.12	56.74	57.08	54.55	55.30	56.79	56.10	24.1	24.4	28.8	30.3	29.4	25.2	27	31.6	23.2	95	96	78	69	74	94	84.3	16.3
12	55.51	55.68	55.84	54.06	54.67	56.34	55.35	24.6	24.4	28.9	29.9	28.9	26.1	27.1	30.5	23.7	95	91	76	74	73	90	83.2	26.9
13	55.10	55.58	55.01	54.33	55.23	56.77	55.34	24.8	24.9	28.5	29.5	28.3	23.9	26.6	30.5	23.2	99	97	80	70	80	96	87	19.3
14	56.09	55.91	57.05	55.80	56.05	57.39	56.38	24.3	23.9	28.3	29.9	29.4	26.4	27	30.7	23.4	93	97	82	73	72	88	84.2	------
15	56.40	56.54	57.07	55.56	55.99	57.24	56.47	25.9	25.1	29.2	30.1	29.9	27.1	27.9	31.1	24.5	92	94	78	65	69	79	79.5	------
16	56.39	56.25	56.78	55.04	55.14	57.05	56.11	24.9	25.5	29.3	29.7	29.9	26.4	27.6	31.5	24.8	93	93	75	69	67	84	80.2	------
17	56.51	56.73	56.97	54.87	55.75	57.11	56.32	25.2	25.4	29.6	30	25.2	24.4	26.6	31.8	23	91	92	77	74	94	92	86.7	13.2
18	56.29	56.94	57.08	56	57.12	58.28	56.95	24.2	24	28.6	27.3	24.4	24.6	25.5	29.8	23.1	93	94	78	87	97	96	90.8	69
19	57.82	57.40	58.40	57.04	57.31	58.72	57.78	24.3	23.5	26.6	27.9	27.4	26.4	26	29	23.4	97	97	86	77	78	84	86.5	5.8
20	57.48	57.91	58.48	56.98	57.09	58.22	57.69	24.5	24.5	28.4	29	28	27.1	26.9	29.8	23.9	93	98	81	76	80	84	85.3	------
21	57.70	57.68	57.93	56.57	56.90	59.91	57.78	26.5	25.8	29	29.2	28.6	23.8	27.2	30.8	23.2	92	93	78	76	80	93	85.3	5.1
22	58.59	58.64	58.93	57.27	58.56	60.55	58.76	23.6	23	29.1	29.1	26.6	23.4	25.8	30.7	22.7	95	97	70	71	86	94	85.5	19.3
23	59.49	59.27	59.58	58.25	58.13	59.70	59.07	22.9	22.4	28.7	30.2	27.8	24	26	31.2	21.7	95	96	69	61	83	95	83.2	------
24	58.88	59.17	59.98	58.06	59.18	60.51	59.30	23.1	22.7	29.8	30.2	27.2	24.9	26.3	31.8	22	96	95	71	68	84	91	84.2	------
25	59.92	60.35	60.48	58.73	59.41	60.93	59.97	23.4	22.9	29.8	31.1	29.8	24.7	27	32.1	22	92	93	69	64	74	89	80.2	------
26	59.90	59.68	60.32	58.38	58.99	60.39	59.61	23	22.9	29.8	30.6	27.6	24.6	26.4	31.7	21.8	97	94	71	70	86	94	85.3	------
27	59.71	59.76	60	58.57	58.79	59.76	59.43	23.3	23.4	28.2	28.6	27.9	25.2	26.1	29.8	22.5	96	96	80	80	79	93	87.3	-----
28	59.31	59.81	59.89	58.13	59.02	60.27	59.40	23.7	24.6	28.5	28.2	25.2	24.4	25.8	29.8	22.9	95	92	74	77	93	97	88	27
29	59.39	59.54	59.94	59.23	58.89	60.41	59.57	24.6	23.9	27.9	23.4	23.6	24	24.6	28.9	23	97	96	78	100	98	95	94	78
30	59.81	59.71	59.43	57.48	58.76	59.95	59.19	24.1	23.9	28.3	30	27.4	23.4	26.2	30.8	22.6	93	91	72	69	80	96	83.5	14.5
Mean	57.50	57.61	57.99	56.37	56.89	58.37	57.46	24.1	23.9	28.9	29.3	27.7	25.1	26.5	30.9	22.9	94.7	94.5	75.8	73.4	82	91	85.2	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	325.5

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10.*			*0–10.*		
1	Calm	Calm	NW	N	Calm	Calm	16.7	37.8	38.4	16.9	109.8	3	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N. N
2	Calm	Calm	S	S	Calm	Calm	19.9	28	50.7	17.7	116.3	2	Ci.-S.	Cu.	4	Ci.-S.	Fr.-Cu.
3	Calm	Calm	SE	SE	Calm	Calm	16.4	36	44.5	20.1	117	8	Ci.-S. E	S.-Cu.	9	Ci.-S.	Cu.-N. E
4	Calm	Calm	S	SE	Calm	Calm	21.2	41.5	54.2	21.1	138	2	Ci.	Cu.	9	Ci.-S.	Cu. E
5	Calm	Calm	SE	Calm	Calm	Calm	20.6	37.8	33	15.1	106.5	6	A.-Cu. E	Cu.	8	Ci.-S.	Cu.-N. E
6	Calm	Calm	W	Calm	Calm	Calm	21.5	27.9	25.9	17.7	93	4	Ci.	Cu. W	10	Ci.-S.	Cu.-N.
7	Calm	Calm	SW	SW	Calm	Calm	19.5	35.9	36.4	19.6	111.4	3	Ci.	Cu.	5	Ci.-Cu. ESE	Cu.
8	Calm	Calm	Calm	NNE	Calm	Calm	22.7	24.6	32.8	17.2	97.3	7	Ci.-S. E	Cu.	10	Ci.-S.	Cu.-N. E
9	Calm	Calm	SE	SE	Calm	Calm	17.7	31.1	41.6	19.5	109.9	8	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N. E
10	Calm	Calm	SW	SE	Calm	Calm	22.7	45.7	47.8	15.3	131.5	7	Ci.-S.	Cu. S	10	A.-Cu. ESE	Cu.-N. SE
11	Calm	Calm	S	SE	SE	N	18.2	48.6	64.7	-----	-------	9	Ci.-S.	Cu.-N.	7	Ci.-S. NNW	Cu.
12	Calm	Calm	Calm	SE	SE	SW	-----	-----	94.3	51.7	-------	8	Ci.-S.	Cu.-N.	8	Ci.-S. N	Cu.-N. SW
13	Calm	Calm	SE	SE	Calm	Calm	23.8	60.2	46.5	31.1	161.6	10	Ci.-S.	cu.-N. WSW	10	Ci.-S.	Cu.-N.
14	N	Calm	SE	SE	Calm	Calm	16.7	46.4	73.4	16.4	152.9	10	Ci.-S.	S.-Cu.	10	A.-Cu.	Cu.-N. S
15	Calm	Calm	SE	SE	Calm	E	18.7	65.5	71.6	22.5	178.3	7	A.-Cu.	Cu.-N. S	7	Ci.-S.	Cu.
16	Calm	Calm	SE	SE	SE	Calm	18.7	66.8	67	19.8	172.3	7	Ci.-S.	Cu.-N. SSE	7	A.-Cu. ENE	Cu.
17	Calm	Calm	SE	SSE	Calm	Calm	20.4	28.8	48	19.3	116.5	9	Ci.-S.	Cu.-N. SW	10	Ci.-S.	cu.-N. NE
18	Calm	Calm	SSW	Calm	Calm	E	19.6	38.8	29.6	22.7	110.7	9	Ci.-S. ENE	Cu.-N.	10	Ci.-S.	cu.-N. ENE
19	SSE	Calm	Calm	SE	Calm	Calm	58.1	30	55.2	24.3	167.6	8	A.-Cu. ESE	Cu.-N.	10	Ci.-S.	Cu.-N. S
20	Calm	Calm	SSE	SE	Calm	SE	21.7	40.5	68.6	22.2	153	10	Ci.-S.	Cu.-N. NW	10	A.-Cu. E	Cu.-N.
21	Calm	Calm	SE	SE	Calm	Calm	15.6	37.8	41.2	28.7	123.3	9	A.-Cu.	cu.-N. WNW	9	Ci.-S.	Cu.-N.
22	Calm	Calm	SE	S	NW	NE	23.5	34	37	29.3	123.8	9	Ci.-S.	Cu.-N. NE	10	Ci.-S.	Cu.-N.
23	Calm	Calm	SE	S	Calm	Calm	16.4	25.1	26	19	86.5	8	A.-Cu.	S.-Cu.	9	Ci.-S.	Fr.-Cu.
24	SW	Calm	SSW	SE	NW	Calm	21.9	29.3	65.5	20.9	137.6	2	Ci.-S.	Cu.	8	Ci.-S. E	Cu. NE
25	NW	Calm	W	SSE	Calm	Calm	20.7	30.4	41	22	114.1	4	Ci.	Cu.	7	Ci.-S.	Cu.-N. E
26	Calm	Calm	S	SSE	NW	Calm	23.3	32.2	57.4	16.9	129.8	4	Ci.	Cu.	8	Ci.-S.	Cu.-N. E
27	Calm	Calm	SE	SE	Calm	Calm	18.7	48.1	41	20.1	127.9	10	Ci.-S.	cu.-N. SSW	10	Ci.-S.	Cu.-N. E
28	Calm	Calm	W	S	Calm	Calm	20.4	32.5	42.3	19.8	115	8	Ci.-S.	Cu.-N.	10	Ci.-S.	cu.-N. NE
29	Calm	Calm	SW	Calm	Calm	Calm	18.7	31.2	33.2	16.6	99.7	9	A.-Cu. E	Cu.-N.	10	Ci.-S.	N.
30	S	NE	S	S	Calm	Calm	67.9	30	35.2	24.3	157.4	4	A.-Cu. E	S.-Cu.	6	Ci.-S. E	Cu.-N. E
Mean	-----	-----	-----	-----	-----	-----	22.8	38	48.1	21.6	127.1	6.8	----------	----------	8.7	----------	----- -----

ORMOC.

[ϕ=11° 00′ N; λ=124° 36′ E; barometer above sea, 5.6 meters; gravity correction not applied, —1.83 mm.]

JULY, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	mm.
1	58.22	58.29	58.40	56.66	57.06	58.73	57.89	22.3	21.9	29.6	29.4	25.6	24	25.5	30.9	21.3	97	96	69	74	87	97	86.7	11.9
2	58.22	58.15	58.61	57.65	57.73	58.77	58.19	23.3	23	28.1	25.6	26.8	24.4	25.2	29.3	22.7	99	97	77	91	83	96	90.5	2.6
3	57.80	57.57	58.47	56.93	57.30	59.07	57.86	23.1	22.7	24.8	25.6	25.4	24.6	24.4	26.9	22.2	97	97	97	90	90	91	93.7	7.1
4	57.89	58.45	59.21	58.50	58.90	59.71	58.78	24.3	22.9	23.4	24.8	25.2	23.8	24.9	29.4	22.4	88	96	74	96	94	97	90.8	35.6
5	59.39	59.63	59.19	58.37	58.92	60.11	59.27	23.1	23.4	28.1	29.1	26.2	24.9	25.8	30.6	22.6	97	93	77	71	85	92	85.8	.5
6	59.42	59.37	60.25	58.67	59.33	60.65	59.62	23.6	23	29.5	29.4	26.2	24.9	26.1	31.1	22.6	93	96	70	73	92	94	86.3	1.8
7	59.09	59.30	59.94	58.03	58.74	59.99	59.18	23.3	22.6	28.9	30	26.2	24.1	25.8	31.8	22.3	98	97	71	66	90	98	86.7	------
8	58.78	58.61	59.07	57.22	57.68	58.92	58.38	23.1	22.4	29.5	29.9	27.5	27.3	26.6	32.2	22	97	96	73	71	85	78	83.3	------
9	58.53	58.92	59.24	57.73	57.83	58.85	58.52	23.6	23	29.5	31	28.5	25.6	26.9	32	22.4	95	94	69	70	81	79	81.3	------
10	58.49	58.99	59.42	58.16	58.64	59.51	58.87	22.4	21.9	29.5	26.4	26.5	24.4	25.2	31.8	21.8	95	96	68	92	91	91	88.8	------
11	58.79	58.92	59.48	58	58.76	59.61	58.93	23.3	22.7	29.6	28.2	27	25.1	26	32.2	22.3	96	97	70	76	90	94	87.2	------
12	58.62	58.84	59.20	58.12	58.27	59.80	58.81	23.9	23.2	29.8	28.8	28.9	24.9	26.6	31.9	22.7	96	95	69	76	80	90	84.3	1.8
13	58.68	59.22	58.83	57.93	58.15	59.39	58.70	23.5	23.4	29.2	30.2	27.3	25.7	26.6	31.7	22.6	97	96	75	70	86	93	86.2	7.9
14	58.91	58.62	59.40	58.20	58.45	59.77	58.89	24.4	23.7	28.5	30.1	28.5	25	26.7	31.2	23.3	97	93	75	68	80	92	84.2	------
15	58.92	58.64	58.59	56.83	56.96	58.52	58.08	22.9	22.3	29.8	31.3	26.8	25.5	26.4	31 9	21.6	96	96	72	67	91	95	86.2	6.1
16	57.49	57.31	57.59	55.47	56.35	58.07	57.06	24.6	24.1	29.4	30.7	27.6	25.3	27	31.9	23.9	96	97	71	65	73	88	81.7	------
17	57.12	56.83	57.51	56.40	56.46	57.73	57.01	24.4	24.1	28.6	27.9	27.4	25.4	26.3	29.8	23.7	94	97	77	82	89	95	89	1.3
18	57.61	58.11	58.38	56.65	57.43	58.63	57.80	24.3	24.1	28.3	29.5	28.4	25.6	26.7	30.2	23.7	92	97	77	74	79	94	85.5	.3
19	57.61	57.64	58.13	56.54	56.56	58.33	57.47	24.4	23.4	30.8	29.7	26.9	25	26.7	31.6	22.9	97	96	71	70	91	89	85.7	------
20	57.40	57.47	57.83	56.25	57.62	58.27	57.47	23.4	23	29.7	29.1	26.4	24.4	26	31.5	22.6	97	96	72	70	89	96	86.7	------
21	57.72	57.83	58.23	56.24	56.92	57.71	57.44	22.9	22.4	29.4	30.4	28.9	25.1	26.5	31.6	21.8	95	96	75	70	80	91	84.5	------
22	56.92	57.07	57.54	56.63	56.72	57.32	57.03	24.1	24	29.9	29.7	29.1	25.4	27	31.3	23.8	94	96	75	75	78	87	84.2	------
23	56.38	56.42	56.85	55.21	55.76	57.29	56.32	23.6	23.5	30.4	30.7	30.1	26	27.4	31.8	23.1	96	97	72	71	71	91	83	21.6
24	56.72	56.88	56.99	55.99	56.02	58.12	56.79	25.9	23	29.1	30.3	29.6	25.4	27.2	31.5	21.9	94	99	76	74	73	92	84.7	------
25	57.80	57.96	57.97	56.63	56.60	58.38	57.56	25.1	24.8	29.4	30.3	28.9	25.1	27.3	31.2	24	92	92	71	74	83	91	83.8	------
26	57.78	57.64	57.88	56.27	56.51	58.01	57.35	23.8	23.6	29.8	30.4	29.5	26.6	27.3	31.4	23.1	95	96	75	70	73	86	82.5	1
27	57.58	57.28	57.60	56.42	56.57	57.72	57.20	24.3	23	29.3	29.4	29.4	26.8	27	31.5	22.4	95	96	68	71	71	77	79.7	------
28	57.02	56.82	58.25	56.37	56.84	57.84	57.19	24.2	24	28.2	30	29	26.9	27	30.8	23.6	95	95	85	72	78	84	84.8	33.8
29	57.31	57.20	57.99	56.22	56.58	58.40	57.28	24.8	25.4	28.9	29.5	29.6	26.8	27.5	31.6	24.5	94	93	78	76	73	83	82.8	------
30	57.42	57.13	57.93	56.08	56.96	58.28	57.30	24.9	23.9	30	30.5	24.9	23.9	26.4	31.5	23.2	92	96	71	70	94	96	86.5	3.3
31	57.62	57.57	57.79	56.19	56.81	58.48	57.41	23.2	23.2	29.3	28.2	27.2	25	26	30.8	22.7	98	97	76	81	87	96	89.2	43.9
Mean	57.98	58.02	58.44	56.99	57.40	58.71	57.92	23.8	23.3	29.1	29.2	27.6	25.3	26.4	31.1	22.8	95.3	95.8	74.1	74.7	83.5	90.7	85.7	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	180.5

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	Km.	Km.	Km.	Km.	0–10			0–10		
1	Calm	N	W	SE	NW	Calm	22.7	34.6	40.7	16.3	114.3	2	Ci.-S. E	Cu.	9	Ci.-S. E	Cu.-N. N
2	NW	Calm	W	NW	NW	Calm	19.8	32.4	47	15.6	114.8	9	Ci.-S.	Cu.-N.	10	Ci.-S.	cu.-N. ENE
3	Calm	Calm	Calm	Calm	Calm	E	18.2	15.1	34.97	33	101.2	8	Ci.-S. E	S.-Cu.	10	Ci.-S.	Cu.-N.
4	Calm	Calm	SE	ESE	Calm	Calm	21.9	50.7	40.7	17.7	131	8	Ci.-S.	cu.-N. SSE	10	Ci.-S.	Cu.-N. S
5	Calm	E	NW	S	Calm	Calm	41.2	27.7	47.7	18.7	135.3	10	Ci.-S.	cu.-N. ESE	10	Ci.-S.	Cu.-N.
6	Calm	NE	E	S	Calm	Calm	21.4	31.2	47.7	19.3	119.6	7	A.-Cu. ESE	Fr.-Cu.	10	Ci.-S.	Cu.-N. E
7	Calm	Calm	W	S	Calm	Calm	23.1	26	45.3	23.3	117.7	7	Ci.-S. E	Cu.	7	Ci.-S. E	Cu. ENE
8	Calm	Calm	SE	SSE	Calm	Calm	25.1	32.4	41.2	23.5	122.2	2	Ci.-S. E	S.-Cu.	8	Ci.-S. E	Cu.
9	N	Calm	W	S	Calm	Calm	28.2	31.2	32	19.5	110.9	6	Ci.-S. E	Cu.	8	Ci.-S.	Cu.-N. E
10	Calm	N	Calm	N	Calm	Calm	27.9	31.6	33.2	19.6	112.3	1	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.-N.
11	Calm	Calm	SW	N	Calm	Calm	20.7	32.2	34.4	17.9	105.2	2	A.-Cu. E	Cu.	10	Ci.-S.	Cu.-N. E
12	Calm	Calm	W	SE	Calm	ENE	22.7	30	31.1	18.2	102	7	Ci.-S. E	Cu.-N.	10	Ci.-S.	Cu.-N. E
13	N	Calm	SE	S	Calm	Calm	21.5	29.3	38.3	14.5	103.6	10	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.-N. E
14	E	Calm	SE	S	Calm	Calm	23.1	29.3	37.5	25.5	115.4	10	Ci.-S.	Cu.-N. E	6	Ci.-S.	Cu.
15	Calm	Calm	WSW	SE	Calm	Calm	24.3	35.7	37	15	112	4	Ci.-S.	Cu.	8	Ci.-S.	Cu.-N. NEbyE
16	Calm	SW	S	NNE	SE	Calm	20.4	46.5	58.4	22.8	148.1	10	A.-Cu. E	Cu.-N.	9	A.-Cu.	Cu.-N. E
17	Calm	Calm	Calm	SE	Calm	Calm	16.7	34.3	24.7	14.3	90	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N. E
18	Calm	Calm	SE	SE	Calm	Calm	14.7	32.4	45.7	23.5	116.3	10	Ci.-S.	cu.-N. SSE	9	Ci.-S.	Cu.-N.
19	Calm	Nbyw	SW	Calm	Calm	Calm	19	53.1	34.6	17.2	123.9	2	Ci.	Cu.	9	Ci.-S.	Cu.-N.
20	Calm	Calm	S	SE	NW	Calm	20.1	36	37.2	23.3	116.6	3	Ci.-S.	Fr.-Cu.	9	Ci.-S.	Cu.-N.
21	Calm	Calm	SW	S	Calm	Calm	19.3	30.1	35.7	18.5	103.6	2	Ci.	Cu. E	6	Ci.-S. ENE	Fr.-Cu.
22	Calm	Calm	S	SE	SE	Calm	18	43	62.6	24.1	147.7	4	Ci.-S.	Cu. WSW	9	Ci.-S.	Cu.-N.
23	Calm	Calm	SSE	SE	SE	Calm	19.9	36.2	67.3	21.5	144.9	3	Ci.	Cu. SSW	5	Ci.-S. SSE	Fr.-Cu.
24	N	Calm	SE	SE	Calm	Calm	31.7	39.1	53.7	19.6	144.1	7	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.
25	SE	Calm	SE	SE	Calm	Calm	20.3	67	53.3	19	159.6	7	ci.-s. EbyN	S.-Cu.	8	Ci.-S.	Cu.
26	Calm	Calm	SSE	SE	SE	Calm	21.2	42.3	82.6	28	174.1	1	Ci.	Cu.	6	Ci.-S.	Cu.
27	Calm	Calm	S	SE	SE	NE	29.2	36.8	77.9	26.8	170.7	7	Ci.-S.	Fr.-Cu.	9	Ci.-S.	Cu.-N.
28	Calm	Calm	W	SE	Calm	NE	20.9	41.3	48.9	28.4	139.5	9	Ci.-S.	Cu.-N. SE	9	ci.-s. EbyN	Cu.-N.
29	Calm	ESE	SE	SE	Calm	Calm	26.4	44.6	38.1	18.3	127.4	9	A.-Cu. E	Cu.-N. SE	7	A.-cu. ESE	Fr.-Cu.
30	Calm	Calm	Calm	S	Calm	Calm	21.9	29.5	46.4	20.1	117.9	2	Ci.	Cu.	9	Ci.-S. ESE	Cu.-N. E
31	Calm	Calm	S	NE	Calm	Calm	23.3	35.2	48.6	16.4	123.5	2	A.-Cu. E	Cu.	10	Ci.-S.	Cu.-N. E
Mean	------	------	------	------	------	------	22.7	36	45.3	20.6	124.7	5.8	----------	----------	8.5	----------	----------
Total	------	------	------	------	------	------	------	------	------	------	3,865.4	----	----------	----------	----	----------	----------

ORMOC.

[$\phi = 11° 00'$ N; $\lambda = 124° 36'$ E; barometer above sea, 5.6 meters; gravity correction not applied, —1.83 mm.]

AUGUST, 1916.

Day.	Atmospheric pressure, 700 mm. +							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 8 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.29	58.30	58.94	57.40	58.04	59.44	58.40	23.8	23	28.8	30.1	29.4	25.9	26.8	31.6	22.8	97	97	78	70	74	89	84.2	0.3
2	58.39	58.23	59.22	57.80	57.93	59.43	58.50	24.4	24.9	27.7	30	29.7	25.8	27.1	31.6	23.6	92	92	84	69	71	93	83.5	------
3	59.18	59.42	59.17	57.97	58.72	60.19	59.11	24.4	25.5	28.8	29.4	29.5	27.3	27.5	31.5	23.9	95	88	78	74	78	89	83.7	.8
4	59.61	59.77	60.56	58.74	58.88	60.60	59.69	25	25.1	24.6	29.5	29.4	25.9	26.6	31.2	24.4	92	91	99	73	72	95	87	12
5	59.99	60.03	60.23	58.87	58.59	60.58	59.72	27.4	25.9	29.1	29.4	28.2	26.3	27.7	30	23.3	84	88	76	71	74	85	79.7	23.9
6	59.81	59.19	59.97	58.55	58.64	59.54	59.28	23.3	24.9	29	29.4	28.8	26.5	27	30.3	22.9	91	88	70	65	72	80	77.7	------
7	59.08	59.30	59.90	58.14	58.41	60.03	59.14	23.3	22.4	29.4	30.2	29.4	24.9	26.6	31.8	22.1	90	96	69	70	70	87	80.3	------
8	59.31	59.74	59.93	57.99	58.10	59.39	59.08	25.2	23.5	30.4	30.2	28.9	27.4	27.6	31.4	23.2	83	95	73	65	74	78	78	5.3
9	58.79	58.66	58.80	56.50	56.80	58.69	58.04	25.1	25.4	30.1	31.9	30.8	27.7	28.5	32.9	24.1	77	93	73	64	65	86	76.3	------
10	57.58	56.99	57.95	55.61	55.90	57.37	56.90	25.3	28	29.8	30.9	29.9	29.3	28.9	32	24.6	88	82	77	70	77	80	79	------
11	56.59	56.65	57.20	55.18	55.73	57.63	56.50	28.8	28.4	29.9	31.2	29.8	29.4	29.6	31.6	28	80	81	75	69	75	70	75	------
12	56.81	56.40	57.33	55.94	55.27	56.97	56.45	28.5	28.5	29.6	30.2	29.9	27.5	29	31.2	26.7	75	77	73	73	72	84	75.7	------
13	56.51	56.76	57.64	56.03	56.74	59.46	57.19	28.6	28.4	30.2	30.9	30.4	25.9	29.1	31.6	25.1	80	77	74	71	72	80	75.7	19.5
14	58.49	58.52	59.05	57.67	58.05	61.13	58.82	25.6	24.9	29.8	30.7	30.1	25.7	27.8	31.4	24.4	88	91	75	70	73	88	80.8	14.2
15	60.40	60.14	60.52	58.89	59.05	60.86	59.98	25.3	25.3	28.9	30	29.3	27.2	27.7	31	24.3	89	88	79	73	81	86	82.7	3
16	60.09	59.66	59.73	58.09	58.26	60.02	59.31	24.4	24.9	29.1	29.4	28.5	25.9	27	30.8	23.7	97	91	75	74	77	81	82.5	14.5
17	59.51	58.71	59.40	57.50	58.08	60.10	58.88	25.3	24.8	28.4	30	28.7	25.1	27	30.7	24.2	86	92	82	73	78	83	82.3	2.8
18	59.69	58.92	59.57	57.79	58.15	59.65	58.96	25.2	24.4	28.9	30.6	29.5	27.8	27.7	31.1	23.9	87	91	77	68	76	82	80.2	4.1
19	58.78	59.52	60.23	58.18	58.21	59.32	59.04	25.4	25.9	28.8	29.2	28.4	26.5	27.4	29.8	24.3	86	85	78	76	80	82	81.2	.3
20	58.92	59.02	58.69	57.29	58.44	59.55	58.65	25	24	29.2	29.9	29	25.9	27.2	32	23.6	92	95	75	71	76	85	82.3	------
21	59.28	59.62	60.02	58.27	59.34	60.77	59.55	24.9	23.4	29.5	29.6	27.9	24.9	26.7	30.8	23.4	88	93	77	75	83	84	83.3	------
22	60	60.25	60.34	58.19	59.24	60.23	59.71	23.2	22.1	29	31	29.5	26	26.8	31.7	21.5	92	94	64	63	70	83	77.7	------
23	59.40	59.35	59.30	57.22	57.55	59.06	58.65	24.1	23.5	30.4	31.4	28.6	25.9	27.3	32.5	22.8	87	90	72	66	81	88	80.7	------
24	58.08	58.22	58.80	56.79	56.93	59.42	58.04	24.1	23.4	28.4	31.5	29.8	25.4	27.1	32	23	92	96	77	65	70	88	81.3	------
25	58.48	58.34	59.02	56.96	57.92	59.90	58.44	24.2	23.4	29.8	33.5	29.5	27.2	27.9	34	23.2	88	90	71	52	68	81	75	2.1
26	59.21	59.27	60.23	58.52	58.27	59.91	59.24	26	25.4	26.5	25.2	25.2	24.5	25.5	28	23.6	87	88	86	92	90	91	89	16.1
27	58.10	58.03	59.01	56.54	57.22	59.13	58	23.5	22.9	29.1	30.3	27	25.5	26.4	31.6	22.4	94	92	74	72	86	88	84.3	2.8
28	57.98	57.69	58.25	56.46	56.90	58.72	57.67	24	24.5	28.8	28.6	26.1	24.8	26.1	30.7	23.5	91	93	72	76	89	92	85.5	13.2
29	58.08	57.84	58.74	57.62	58.04	59.85	58.36	24.4	24.3	28.4	30	28.6	25.5	26.9	31.3	23.6	90	88	76	71	78	84	81.2	------
30	58.80	58.58	59.28	57.83	58.63	59.66	58.80	23.9	22.4	28.9	31.2	29.1	25.3	26.8	32	21.9	89	92	74	66	75	84	80	------
31	59.30	59.33	60.15	57.83	58.35	59.91	59.14	24.2	23.1	28.6	29.1	28.4	26.3	26.6	29.4	22.9	87	92	76	68	81	89	82.2	------
Mean	58.79	58.72	59.26	57.50	57.88	59.56	58.62	25	24.7	29	30.1	28.9	26.3	27.4	31.3	23.7	88.2	89.9	76.1	70.2	76.1	85	80.9	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	134.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	NW	S	SE	SE	Calm	20.7	38.6	31.9	22.3	113.5	2	Ci.	Cu.	8	Ci.-S. E	Cu.
2	Calm	Calm	SE	SW	Calm	Calm	19.9	54.7	38.9	17.1	130.6	3	Ci. E	Cu.	8	Ci.-S.	Cu.-N.
3	Calm	E	SE	SE	Calm	Calm	22	53.3	37.8	15.5	128.6	8	Ci.-S.	cu.-N. SSE	7	Ci.-S. E	Cu.
4	Calm	NE	SE	SE	SE	Calm	24.9	45.9	48.9	15.8	135.5	5	Ci.	Fr.-Cu.	8	Ci.-S.	Cu.-N.
5	SE	E	SE	SE	SE	SW	63.4	58.5	103.3	59	284.2	8	Ci.-S.	cu.-N. WSW	8	Ci.-S. NEbyN	Cu. SW
6	Calm	ENE	SE	SE	Calm	Calm	26.9	58.9	73.8	27.2	186.8	8	A.-Cu. E	S.-Cu.	8	A.-Cu.	Cu.
7	Calm	Calm	SE	SE	Calm	Calm	20.7	48.1	60.7	19.9	149.4	6	Ci.	Cu.	5	Ci.-S. EbyN	Cu.
8	NE	Calm	S	SE	Calm	E	23.3	37.2	67.1	27.4	155	8	Ci.-S.	Fr.-Cu.	8	Ci.-S. E	Cu.
9	E	EbyN	SbyE	S	S	Calm	27.9	[a]40.4	-----	29.2	[b]97.5	7	Ci.-S.	Cu. SW	6	Ci.-S.	Cu.
10	Calm	E	S	S	S	S	52.3	99.2	87.9	83.9	323.3	10	Ci.-S.	Cu.-N. SW	9	Ci.-S.	Cu.-N.
11	S	SSE	S	SE	Calm	SSW	98.4	126.8	100	74.8	400	8	Ci.-S.	Cu.-N. SW	8	Ci.-S.	Cu. SW
12	S	S	S	SE	S	Calm	79.5	93.8	100.8	37	311.1	9	Ci.-S.	cu.-N. SSW	9	Ci.-S.	Cu.-N.
13	SE	SSE	SSE	SE	Calm	NE	96.9	99.2	84.5	52.3	332.9	10	Ci.-S.	Cu.-N.	5	Ci.	Cu.
14	Calm	Calm	SE	SE	Calm	W	21.1	71.6	72.6	30.9	196.2	9	Ci.-S.	cu.-N. SSW	4	Ci.-Cu. EbyS	Cu.
15	Calm	NNW	S	SE	Calm	Calm	15.8	36.8	42.1	13.5	108.2	9	Ci.-S.	Cu.-N. SW	8	A.-Cu. E	Cu.-N.
16	Calm	E	SE	SE	Calm	NE	24.4	51.3	34.1	37.6	147.4	7	A.-Cu. NE	S.-Cu.	9	Ci.-S.	Cu.-N.
17	SE	Calm	SE	SE	Calm	NE	43.5	48.9	73.4	47.3	213.1	7	A.-Cu.	S.-Cu.	5	Ci.-S.	Cu. WSW
18	NE	Calm	SE	SE	SE	E	30.4	46.9	70.6	43.1	191	7	Ci.-S.	Cu. NE	5	Ci.-S.	Cu. SW
19	Calm	SE	SE	SE	Calm	Calm	33.8	51.7	30.4	23.3	139.2	10	Ci.-S.	cu.-N. SSW	9	Ci.-S.	Cu.-N.
20	Calm	Calm	SSE	SE	Calm	Calm	13.9	37.2	45.7	19.3	116.1	4	A.-Cu.ESE	Fr.-Cu.	10	Ci.-S.	Cu.-N.
21	Calm	Calm	NW	SE	Calm	Calm	18.2	30.8	50.9	15.8	115.7	4	Ci. EbyS	Cu. E	9	A.-Cu. E	Cu.-N.
22	Calm	Calm	SW	S	SE	Calm	16.9	30	39.9	22.7	109.5	4	Ci. E	Cu.	8	Ci.-S. E	Cu.-N.
23	Calm	Calm	SSW	S	Calm	Calm	20.7	29	46.1	16.7	112.5	8	Ci.-S.	Cu.	7	Ci.-S. E	Fr.-Cu.
24	Calm	Calm	SW	S	Calm	Calm	19.5	27.4	57.6	23	127.5	6	Ci.-S. E	S.-Cu.	7	Ci.-S. E	Fr.-Cu.
25	Calm	Calm	SSW	ESE	SE	Calm	24.3	40.8	84.5	22	171.6	3	Ci.	S.-Cu.	6	Ci.-S. E	Cu. E
26	Calm	Calm	Calm	NE	Calm	Calm	20.4	17.5	21.4	19.1	78.4	10	Ci.-S.	Cu.-N.,N.	10	Ci.-S.	Cu.-N. E
27	Calm	Calm	SSW	S	Calm	Calm	21.1	35.1	45.7	19.1	121	4	Ci.-S. E	Cu.	9	Ci.-S.	Cu.-N. E
28	Calm	Calm	Calm	WNW	Calm	Calm	21.2	34.1	34.4	18	107.7	9	Ci.-S.	cu.-N. ENE	10	Ci.-S.	Cu.-N. E
29	E	E	SE	SE	Calm	Calm	41.8	52.6	45.9	18.8	159.1	8	Ci.-S.	cu.-N. SSE	8	Ci.-S. NbyE	Fr.-Cu.
30	Calm	Calm	S	S	Calm	Calm	18.2	30.3	50.4	19.8	118.7	7	Ci.-S. EbyN	Cu.	5	Ci.-S.	Cu. E
31	Calm	Calm	Calm	E	Calm	Calm	18.5	21.1	25.9	13.5	79	9	Ci.-S.	Cu.-N. E	10	Ci.-S.	Cu.-N.
Mean	------	------	------	------	------	------	32.3	49.9	53.9	29.2	166.5	7	----------	----------	7.6	----------	----------
Total	------	------	------	------	------	------	------	------	------	------	5,160.3	----	----------	----------	----	----------	----------

[a] 1 hour missing. [b] 7 hours missing.

ORMOC.

[$\phi = 11°\ 00'$ N; $\lambda = 124°\ 36'$ E; barometer above sea, 5.6 meters; gravity correction not applied, —1.83 mm.]

SEPTEMBER, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.92	58.87	59.15	58.35	58.58	59.44	58.89	25.8	24.4	29.4	26.5	25.4	24.4	26	30.1	23.1	86	91	76	90	95	89	87.8	22.1
2	58.88	58.48	58.37	56.48	57.20	58.17	57.93	23.2	23.6	27.9	30	28.6	26.4	26.6	30.4	22.8	90	94	81	74	78	88	84.2	7.1
3	57.42	56.72	57.53	56.04	56.08	57.05	56.81	25.3	25.9	29.2	29.4	28	26.8	27.4	30.4	24.7	95	91	83	78	80	81	84.7	1.3
4	56.79	56.70	57.39	55.69	56.29	57.41	56.71	26.2	26.5	29.5	30.9	28.4	24.8	27.7	31.5	24.2	85	83	75	69	80	88	80	------
5	57.42	57.47	58.70	57.12	57.93	58.38	57.84	23.9	23.1	28.6	30.6	28.2	25.5	26.6	31.7	22.9	91	95	79	69	75	84	82.2	------
6	57.89	58.57	58.96	56.62	57.62	59.06	58.12	24.3	23.4	29	31.4	29.3	27.9	27.6	32	23	87	91	74	67	66	74	76.5	------
7	58.01	57.92	58.39	55.91	57.26	58.57	57.68	26	24	29.7	27.6	26.5	25.4	26.5	31.1	23.4	80	90	74	83	91	92	85	32.5
8	57.89	58.30	59.22	57.19	57.77	58.98	58.22	24.5	24.4	27.4	28.6	25.6	24.8	25.9	29.9	23.5	94	93	84	83	93	92	89.8	19.6
9	58.08	57.98	58.48	57.24	57.64	58.72	58.02	23.6	22.8	28.9	27.4	25.6	24.9	25.5	31.9	21.9	91	92	77	82	93	92	87.8	15
10	58.02	57.69	58.58	57.05	57.92	59.64	58.15	24.5	24.4	26.6	27	27.6	25.6	26	28.8	23.8	93	92	92	80	83	90	88.3	10.4
11	58.68	59.42	59.93	57.80	58.50	60.29	59.10	24.5	23.4	27	28.9	28.3	25.2	26.2	29.4	22.9	89	96	88	73	85	90	86.8	.3
12	60.10	60.17	61.10	57.79	58.76	59.98	59.65	24	24.4	27.9	30	27.6	26	26.6	31.6	23.4	91	93	78	71	81	88	83.7	7.1
13	58.58	57.97	58.23	56.78	57.04	57.99	57.76	24.6	24	28.5	26.4	24.9	24.4	25.5	29	23.8	92	94	79	89	92	92	89.7	75.2
14	57.02	56.83	57.67	55.98	56.67	58.15	57.05	23.9	24.4	27.8	28.8	27.2	26	26.4	29.5	23.3	95	94	86	76	86	87	87.3	29.3
15	57.22	57.34	58.46	56.67	57.40	59	57.68	25.4	24.9	27.9	29.3	28.3	26.2	27	31	23.6	89	92	82	74	85	90	85.3	------
16	58.08	58.08	58.63	56.53	57.46	58.57	57.89	24.3	23.5	29.2	29.2	26.4	25	26.3	31.8	23	92	91	74	72	83	88	83.3	------
17	57.78	57.60	57.85	55.87	56.73	57.76	57.26	24	23	29	29.8	28.6	26.7	26.8	32.2	22.7	88	92	81	70	83	86	83.3	------
18	57.12	56.99	57.48	55.68	56.47	58.07	56.97	25.3	23.4	29.7	30.5	29.9	25.9	27.4	32.1	22.9	88	91	77	72	78	85	81.8	------
19	56.88	56.99	57.42	55.52	56.63	58.22	56.94	23.2	23.9	29.9	31.3	29.6	27	27.5	32.6	22.9	97	94	75	69	80	87	83.7	15.7
20	57.49	57.41	57.68	56.29	56.88	57.71	57.24	25.1	25	30.1	29.9	28.8	25.9	27.5	31.5	23.8	84	91	77	75	85	88	83.3	4.8
21	56.38	56.73	57.45	55.16	56.11	57.16	56.50	25.9	25.4	26.6	29	27.8	26.3	26.8	29.8	25.3	88	93	90	81	79	89	86.7	12.8
22	56.29	56.06	56.63	54.57	54.87	56.24	55.78	25.3	24.9	28	27.3	27.4	25.5	26.4	29.1	24.3	89	92	84	89	91	94	89.8	5.9
23	55.01	55.60	56.37	53.93	55.39	56.04	55.39	26.6	27.2	29.9	29.9	27.9	28.3	28.3	30.9	25.2	90	81	74	71	77	76	78.2	1
24	54.99	55.36	56.25	54.52	55.24	57.15	55.58	27.5	27.4	29.1	29.7	27.5	28	28.2	30.4	26.5	80	84	76	72	84	80	79.3	1
25	56.32	56.27	57.20	54.90	55.98	57.43	56.35	27.2	27.9	28.9	29.6	29.2	28.9	28.6	31	26.6	78	74	73	74	76	74	74.8	------
26	56.58	56.80	57.82	55.64	56.69	58.35	56.98	28.2	25.9	29.6	30.2	29	27.4	28.4	30.8	24.9	80	84	69	68	77	83	76.8	14.7
27	58.31	57.98	58.71	56.85	57.04	58.13	57.80	25.3	24.4	28.6	29.4	27.8	25.3	26.8	31.2	24.1	85	90	79	74	85	90	83.8	------
28	56.98	56.96	57.69	56.38	56.46	57.63	57.02	24.7	23.9	30.5	27.7	26.1	24.5	26.2	32.1	23.3	95	96	68	84	94	95	88.7	2.5
29	57.11	56.78	57.80	56.13	56.99	58.50	57.22	24.2	23.9	29.6	30.5	26.2	24.9	26.6	31.9	23.4	97	97	73	68	90	96	86.8	.5
30	53.08	58.33	58.78	57.18	57.92	59.39	58.28	24.2	23	30	32	28.6	24.9	27.1	32.6	22.5	98	97	72	66	71	92	82.7	------
Mean	57.48	57.48	58.13	56.26	56.98	58.24	57.43	25	24.5	28.8	29.3	27.7	26	26.9	30.9	23.7	89.2	90.9	78.3	75.4	83.2	87.3	84.1	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	278.8

Day.	Wind.										Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	Calm	SSW	Calm	Calm	Calm	16.9	34.4	26.9	15.9	94.1	9	Ci.-S.	Cu.-N. E	10	Ci.-S.	N.
2	Calm	NW	SE	SSE	Calm	E	28.2	39.6	65.4	37.5	170.7	7	Ci.-S.	Cu.-N. SE	8	Ci.-S. NE	Cu.-N.
3	E	Calm	S	E	Calm	E	27.9	78.8	37.8	25.2	164.7	10	A.-Cu. W	Cu.-N. SW by S	10	Ci.-S.	Cu.-N.
4	E	Calm	SE	S	Calm	Calm	36.5	85.9	58.9	27.4	208.7	8	Ci.-S.	Cu.-N. S	8	Ci.-S.	Fr.-Cu.
5	Calm	Calm	NE	SE	Calm	Calm	16.3	26.6	51.8	22.5	117.2	10	Ci.-S.	S.-Cu.	9	Ci.-S.	cu.-N. ESE
6	Calm	Calm	SE	SbyE	NE	Calm	24.1	72.9	99.6	32.2	228.8	7	Ci.-S.	Cu.-N.	8	Ci.-S.	Fr.-Cu.
7	Calm	Calm	SW	Calm	N	Calm	22.3	28.2	34	18.3	102.8	7	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.-N. E
8	N	N	WNW	Calm	Calm	Calm	20.9	23.6	33.8	16.4	94.7	10	Ci.-S.	N. E	10	A.-Cu. E by S	Cu.-N. E
9	Calm	Calm	Calm	SE	Calm	Calm	19.1	28.5	44.6	15.6	107.8	4	A.-Cu.	Cu.	10	Ci.-S.	cu.-N. ENE
10	Calm	Calm	Calm	E	Calm	Calm	18.7	34.8	55.3	34.4	143.2	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N. E
11	NE	Calm	Calm	Calm	Calm	Calm	34.9	a6.7	b1.6	14	57.2	9	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N.
12	Calm	Calm	SW	WSW	Calm	Calm	17.5	15.9	35.4	7.5	76.3	10	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.-N. NW
13	Calm	Calm	Calm	E	Calm	Calm	12.1	31.2	27.6	8.2	79.1	9	A.-Cu. E	Cu.-N.	10	Ci.-S.	N. WNW
14	Calm	Calm	Calm	SSE	Calm	SW	11.6	51	93.6	36.5	192.7	10	Ci.-S. ESE	Cu.-N. SSW	10	Ci.-S.	Cu.-N.
15	Calm	Calm	Calm	S	Calm	Calm	29.6	13.5	35.4	10.3	88.8	10	Ci.-S.	Cu.-N. SW	10	Ci.-S.	Cu.-N.
16	Calm	Calm	Calm	NW	Calm	Calm	12.7	25.2	38.9	13.2	90	3	Ci.-S.	Cu.	9	Ci.-S.	Fr.-Cu.
17	Calm	Calm	S	Calm	Calm	Calm	15	32.8	31.1	8.5	87.4	7	Ci.-S.	Fr.-Cu.	8	Ci.-S. E	Fr.-Cu.
18	Calm	Calm	S	SE	Calm	Calm	8.3	40.7	42.8	11.9	103.7	5	Ci.-S. E by S	Cu.	7	Ci.-S.	Cu. W
19	Calm	Calm	E	S	Calm	Calm	19.3	36.8	61.2	21.7	139	5	Ci.-S.	Cu.-N.	5	Ci.-S. E	Cu.
20	Calm	Calm	SE	Calm	Calm	Calm	18.5	32.8	20.4	10.2	81.9	6	Ci.-S.	Fr.-Cu.	9	Ci.-S.	Cu.-N. NW
21	Calm	Calm	Calm	Calm	Calm	Calm	20.9	23.1	10.8	16.4	71.2	10	Ci.-S.	Cu.-N. W	10	Ci.-S.	Cu.-N.
22	ESE	Calm	SE	Calm	Calm	Calm	26.9	30.1	11.3	15.1	83.4	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N. W
23	SSE	SW	S	SSW	S	S	100.4	66.2	99.6	115.7	381.9	10	Ci.-S.	cu.-N. WSW	10	Ci.-S.	cu.-N. WSW
24	SSE	SSW	S	SSE	E	SSE	125.3	135.3	97.2	107.8	465.6	10	Ci.-S.	cu.-N. WSW	10	Ci.-S.	Cu.-N. SW
25	S	SSE	S	SE	SSE	S	117.2	153	134.2	110	514.4	10	Ci.-S.	cu.-N. WSW	8	Ci.-S.	Cu.-N. SW
26	SSW	Calm	SE	SE	Calm	Calm	73.4	50.9	43.5	19	186.8	10	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.
27	SW	Calm	Calm	NW	Calm	Calm	30.1	16.6	36.5	14.3	97.5	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N.
28	Calm	Calm	Calm	ENE	Calm	Calm	12.6	23.5	32	14.5	82.6	8	A.-Cu. NE by E	S.-Cu.	10	Ci.-S.	Cu.-N.
29	Calm	Calm	SSW	S	SE	Calm	23.5	36.7	45.4	16.4	122	10	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N. W
30	Calm	Calm	S	S	E	Calm	17.2	39.2	57.3	21.5	135.2	4	Ci.	Cu.	6	Ci.-S.	Fr.-Cu.
Mean	-----	-----	-----	-----	-----	-----	31.9	43.6	48.6	27.9	152.1	8.3	----------	----------	9	----------	----------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	4,564.4	----	----------	----------	----	----------	----------

(*a*) 3 hours missing. (*b*) 5 hours missing.

ORMOC.

[$\phi = 11°\ 00'$ N; $\lambda = 124°\ 36'$ E; barometer above sea, 5.6 meters; gravity correction not applied, —1.83 mm.]

OCTOBER, 1916.

Day.	Atmospheric pressure, 700 mm. +							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.92	58.83	58.47	56.66	57.80	58.93	58.27	23.2	22.6	30.3	33.4	28.9	25.6	27.3	33.9	22.1	96	95	68	61	80	87	81.2	
2	58.38	58.52	59.23	57.94	58.02	58.87	58.49	23.4	22.4	30.6	27.4	24.8	23.4	25.3	33.2	21.9	95	96	65	81	95	98	88.3	1.8
3	58.39	58.70	60.45	58.16	58.69	59.97	59.06	22.5	22.9	24.2	24.7	24.3	24.4	23.8	27.7	22.1	96	97	100	96	97	87	95.5	15.2
4	59.01	59.04	59.98	57.91	58.51	60.10	59.09	22.3	21.8	30.1	31.6	27.9	23.9	26.3	32.2	21.3	95	96	71	68	85	91	84.3	
5	59.39	59.46	59.85	57.78	58.28	59.80	59.09	22.1	21.9	29.9	32	28.4	25.8	26.7	33.1	21.4	96	96	69	64	84	89	83	
6	58.51	58.09	59	56.94	57.81	58.66	58.17	24.3	23.1	30.4	29.4	26	24.4	26.3	32.3	22.8	97	97	68	71	85	96	85.7	2.3
7	57.59	57.69	58.21	55.88	57.11	58.82	57.55	22.9	21.6	28	31.9	26.8	24.6	26	32.7	21.4	97	98	77	63	85	94	85.7	
8	57.21	57.44	58.27	57.05	57.66	59.27	57.82	23.8	23.8	30.2	27.9	26.8	23.9	26.1	31.3	22.9	97	92	66	77	87	96	85.8	16.3
9	58.42	59.09	b9.50	57.63	58.25	60.15	58.84	23.8	23.5	30.5	32.4	27.4	24.2	27	32.8	23.3	95	98	73	66	86	93	85.2	
10	59.48	60	60.24	57.53	58.96	60	59.37	23.1	22.5	30.4	32.4	28	24.1	26.8	33.4	22.2	95	96	74	66	77	94	83.7	
11	58.79	58.73	58.95	56.45	57.39	58.42	58.12	23	23.2	30.9	32	28.8	26.6	27.4	33.4	22.1	95	94	67	63	71	79	78.2	
12	57.72	57.74	b8.03	55.77	57.05	58.07	57.40	24.1	23.4	30.2	32	27.2	24.9	27	33.6	23	92	96	71	66	86	92	83.8	
13	57.48	58	58.78	56.32	57.63	58.66	57.81	23.2	22.9	27.4	31.7	26.2	24.4	26	32.2	22.3	97	96	81	64	83	93	85.7	.6
14	57.92	57.90	b8.65	56.32	57.06	57.87	57.62	23.1	22.4	29	31.4	26.9	24.4	26.2	32.1	21.9	97	96	68	68	88	92	84.8	
15	56.79	57.29	57.44	55.69	56.53	57.87	56.94	23.6	22.9	30.2	27	25.6	24.4	25.6	33	22.3	94	96	70	83	94	96	88.8	.3
16	57	57.43	57.97	55.66	56.91	58.07	57.17	23.2	24	27.3	28.7	27.2	24.8	25.9	29.4	23	99	97	89	79	87	92	90.5	
17	57.60	57.70	58.32	56.14	57.14	58.56	57.58	23.3	22.8	26.6	29	28.3	25.9	26	31.2	22.4	97	97	89	78	77	81	86.5	2.3
18	57.62	57.92	58.83	56.12	57.07	58.35	57.65	24	23.4	29.4	31.8	28.4	25.4	27.1	32.8	23.1	91	95	76	56	70	88	79.3	
19	57.32	57.69	57.53	55.46	56.30	57.70	57	24.3	23.5	30.7	30.2	27.7	25.4	27	32.5	22.8	91	95	65	69	76	92	81.3	2.8
20	56.90	57.17	58.23	55.91	57.29	58.50	57.33	23.6	24.9	29.5	30	27.4	25.2	26.8	31.9	23.3	94	92	69	67	81	92	82.5	19.8
21	57.82	57.60	58.92	56.55	57.64	58.67	57.87	23.6	23	27.2	30.1	25.7	24.4	25.7	30.7	22.8	94	95	87	68	88	92	87.3	9.9
22	57.89	57.98	58.64	56.13	57.06	58.61	57.72	24.3	22.9	30	31.4	27.9	24.4	26.8	32.3	22.6	96	97	70	65	71	97	82.7	
23	57.79	57.87	58.13	56.30	56.86	58.55	57.58	23	22.4	30.9	28	26.4	25.6	26	32.2	22	95	96	66	85	96	95	88.8	2.9
24	57.62	57.89	59.02	57.41	58.25	60.32	58.42	24.5	24.2	28.8	27.1	26	23.4	25.7	30.4	22.6	97	98	79	87	88	92	90.2	.8
25	59.51	59.64	60.34	57.65	59.10	60.57	59.47	22.1	21.6	29.4	32.4	26	24.5	26	32.9	21.3	97	98	71	66	90	95	86.2	.8
26	59.89	60.37	60.59	58.03	58.55	60.09	59.59	23.5	23.9	28.6	32.2	26.8	25.3	26.7	32.8	23.1	95	92	70	57	87	88	81.5	
27	58.18	59.11	59.04	56.59	57.52	58.46	58.15	24.5	23.9	28.6	30.4	26	23.9	26.2	31.8	23.4	94	96	78	69	91	92	86.7	.8
28	57.72	57.70	58.18	55.87	57.10	58.24	57.47	23.2	23.1	29.8	30.5	26.1	23.8	26.1	31.3	22.4	96	97	72	74	94	93	87.7	5.1
29	58	57.70	58.84	57.14	58.19	58.81	58.11	22.5	22.1	29.9	28.9	26	24.1	25.6	32.7	21.8	95	95	65	80	92	91	86.3	2.3
30	58.29	58.38	58.46	56.87	57.36	58.18	57.92	22.5	22.4	30	26.7	25.9	24.2	25.3	32.2	21.6	94	96	73	89	90	94	89.3	14.2
31	57.38	57.66	57.54	55.10	56.48	57.22	56.90	23.2	21.8	30	32.4	28.6	25.9	27	32.8	21.4	90	97	74	60	75	88	80.7	
Mean	58.08	58.27	58.83	56.68	57.60	58.85	58.05	23.3	22.9	29.3	30.2	26.9	24.7	26.2	32.2	22.3	95.1	95.9	73.6	71.2	85	91.6	85.4	
Total																								98.2

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	Calm	S	S	Calm	Calm	20.7	34.9	59.7	23.8	139.1	3	A.-Cu.	Cu.	7	Ci.-S.	Cu.-N. E
2	Calm	Calm	S	W	Calm	Calm	18.7	42	36.8	15.8	113.3	4	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N.
3	Calm	Calm	S	Calm	NW	NE	15.9	47.8	25.4	24.6	113.7	10	Ci.-S.	Cu.-N.	10	Ci.-S.	N.
4	Calm	Calm	S	S	Calm	Calm	16.4	35.6	46.1	18	116.1	7	Ci.-S. E	S.-Cu.	6	Ci.-S. ENE	Fr.-Cu.
5	Calm	Calm	S	S	Calm	Calm	19.5	27.9	44.3	13.9	105.6	7	Ci.-S.	Cu.	7	Ci.-S.	Fr.-Cu.
6	Calm	Calm	S	Calm	NNE	Calm	14	31.2	27.9	18	91.1	7	Ci.-S.	Cu. E	9	Ci.-S.	Fr.-Cu.
7	Calm	Calm	Calm	S	Calm	NW	16.9	17.9	32.7	23.3	90.8	4	Ci.-S. E	Cu.	9	ci.-s. Ebys	Cu.-N.
8	Calm	Calm	NW	SW	Calm	Calm	15.5	36	22.7	16.9	91.1	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
9	N	Calm	SE	S	Calm	Calm	21.1	41.2	46.5	18.7	127.5	10	A.-Cu.	Cu.-N.	7	Ci.-S. NE	Cu.
10	Calm	Calm	SSE	S	Calm	Calm	19.8	48.5	62.2	19.8	150.3	4	Ci.-S.	Cu.	5	Ci.-S.	Cu. ENE
11	N	Calm	SW	Calm	Calm	Calm	24.9	36.2	-----	-----	-------	9	Ci.-S. E	Cu.	8	Ci.-S.	Cu.-N. E
12	Calm	Calm	Calm	SE	Calm	Calm	-----	-----	54.9	14.5	-------	4	Ci.	Cu. E	8	Ci.-S. E	cu.-N.EbyN
13	Calm	Calm	Calm	S	E	Calm	16.9	15.8	53.7	13.4	99.8	8	Ci.-S.	Cu.-N.	8	Ci.-S.	cu.N.-ENE
14	Calm	Calm	SE	S	Calm	Calm	16.3	43.2	72.1	17.2	148.8	4	Ci.-S.	Cu.	9	ci.-cu. ESE	Cu.-N. E
15	Calm	Calm	SW	NW	Calm	Calm	20.4	39.1	30.4	11.8	101.7	9	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
16	Calm	Calm	Calm	SW	Calm	Calm	12.4	13.4	22.5	10.8	59.1	10	Ci.-S.	N.	10	Ci.-S.	Cu.-N.
17	Calm	Calm	Calm	SE	Calm	Calm	15.3	15.8	34.3	18.2	83.6	8	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.-N.
18	Calm	Calm	S	SE	SE	Calm	21.7	35.2	58.9	17.1	132.9	8	Ci.-S. E	Cu.-N.	9	Ci.-S.	Cu.-N. E
19	Calm	Calm	SW	Calm	ESE	SE	18.8	37.8	52.5	22.8	131.9	7	Ci.-S. E	Cu.	8	Ci.-S.	Cu.-N. E
20	Calm	Calm	SE	ESE	E	Calm	34.6	50.2	55.5	26	166.3	7	A.-Cu.	Cu.-N. E	8	Ci.-S.	Cu.-N. E
21	Calm	Calm	Calm	SE	Calm	Calm	21.4	23.3	39.1	22.8	106.6	6	Ci.-S.	Cu.-N. E	9	Ci.-S. E	Cu.-N. E
22	Calm	Calm	Calm	S	NE	Calm	21.2	26	42.9	16.9	107	4	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N.
23	Calm	Calm	SSW	Calm	Calm	Calm	17.7	34.6	19.8	8	80.1	5	A.-Cu. E	S.-Cu.	10	Ci.-S.	Cu.-N. E
24	Calm	Calm	SE	SSE	E	Calm	10.8	52	82.1	20.6	165.5	10	Ci.-S.	Cu.-N. E	10	Ci.-S.	Cu.-N. S
25	Calm	Calm	SW	S	Calm	Calm	10.7	29.3	51.2	8.2	99.4	4	A.-Cu.	Cu.	9	A.-Cu. SSW	Cu.-N. E
26	Calm	Calm	S	NE	Calm	Calm	11.5	32.2	52.1	14.5	110.3	10	Ci.-S.	Cu.-N. E	8	Ci.-S.	Cu.-N. E
27	Calm	Calm	S	Calm	Calm	Calm	21.1	24.9	32.5	15	93.5	9	A.-Cu.	Cu.-N. NE	10	Ci.-S.	cu.-N.ENE
28	Calm	Calm	S	S	Calm	Calm	16.6	40.5	24.3	13.7	95.1	7	Ci.-S.	Cu.-N. ENE	7	Ci.-S.	cu.-N.ENE
29	Calm	Calm	S	SW	Calm	Calm	21.5	25.9	26	13.1	86.5	2	Ci.	Cu.	10	Ci.-S.	Cu.-N.NEbyE
30	Calm	Calm	Calm	NE	Calm	Calm	14.8	19.1	27.2	10.8	71.9	4	Ci.-S.	Cu.	10	Ci.-S.	cu.-N.ENE
31	Calm	Calm	SE	S	Calm	Calm	13.2	32.2	45.6	16.6	107.6	4	Ci.	Cu.	6	Ci.-S.	Cu. E
Mean							18	33	42.7	16.8	109.9	6.6			8.6		

ORMOC.

[$\phi = 11° 00'$ N; $\lambda = 124° 36'$ E; barometer above sea, 5.6 meters; gravity correction not applied, —1.83 mm.]

NOVEMBER, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.40	56.18	56.85	55.28	55.57	57.04	56.22	23.3	22	29.8	28.9	25.6	24.4	25.7	82.5	21.6	93	96	71	74	93	93	86.7	0.5
2	56.41	56.50	57.22	55.14	56.87	58.28	56.74	23.6	22.9	27.2	30.4	26.2	24.4	25.8	31.2	22.4	92	96	83	68	90	91	86.7	1
3	57.30	57.72	58	55.85	56.88	58.33	57.35	22.6	22.5	29.4	30.2	27.7	24.1	26.1	32.4	21.8	94	96	74	66	85	98	85.5	13.5
4	57.38	57.75	57.64	54.66	56.39	57.61	56.90	22.9	23.1	30.6	32.9	26.8	22.4	26.4	33.8	21.3	98	98	70	61	80	91	83	------
5	56.50	56.88	57.79	54.72	55.69	57.13	56.45	21	21.4	29.4	30.8	27.2	22.9	25.4	33.1	20.4	95	95	71	63	78	88	81.7	------
6	56.50	57.10	57.62	55.15	56.39	57.62	56.73	20.8	20.5	30.4	31.5	27	23.8	25.7	33.4	19.9	96	97	63	63	83	92	82.3	------
7	56.59	56.80	57.66	55.41	56.64	57.74	56.81	22.6	21.8	29.5	32.7	27.8	23.4	26.3	33.4	21.4	88	96	72	59	78	91	80.7	------
8	57.09	57.68	59.04	57.03	57.30	59.26	57.90	22.6	21.9	29.9	28.7	27.3	24.9	25.9	32.2	21.4	93	97	75	73	85	91	85.7	------
9	58.62	58.63	58.98	56.85	57.91	59.40	58.40	23	23.9	29.9	28.4	25	25.1	25.9	33	22.4	95	93	74	82	98	94	89.3	14.2
10	53.30	58.54	58.69	56.60	57.08	58	57.87	23.3	22.1	29.5	29.8	27.4	24.4	26.1	32.2	21.8	98	98	70	75	85	96	87	4.4
11	57.49	57.67	58.62	56.63	57.53	58.49	57.74	22.8	23	27.9	29	25	24.5	25.4	29.9	22.3	97	97	78	71	95	91	88.2	4.4
12	58.19	58.24	59.07	56.27	57.30	58.65	57.95	24.4	24.3	28.7	26.2	26.9	25.5	26	29.9	23.5	91	88	69	70	77	91	81	2.3
13	58.29	58.74	59.73	57.12	58.16	59.01	58.51	24.8	23.9	28.3	30.9	27.5	25.1	26.8	31.8	23.6	92	96	68	59	78	83	79.3	3.5
14	58.09	58.47	57.91	56.25	57.33	57.73	57.63	23.4	23	27.7	28.9	25	23.6	25.3	29.5	22.3	93	96	67	72	94	95	86.2	1.3
15	56.80	56.88	57.17	55.03	56.35	57.18	56.57	22.5	22.4	28.7	30.8	26.1	24.4	25.8	31.6	21.9	96	96	75	72	90	97	87.7	5.6
16	56.42	57.13	57.16	54.97	56.07	57.38	56.52	23.4	23.4	27.4	30	26.9	24.2	25.9	30.7	22.9	97	97	81	73	83	93	87.3	9.9
17	56.91	57.20	57.85	55.54	57.25	58.42	57.20	24.5	23	31.2	31.6	25.9	23.9	26.7	32	22.8	96	98	73	66	80	93	84.3	------
18	57.91	58.49	59.54	57.32	58.30	59.27	58.47	23.6	23.7	30.7	29.8	26.2	24	26.3	31.3	22.9	97	97	74	70	90	99	87.8	12.7
19	58.29	58.72	59.37	56.57	57.72	59.12	58.30	23.7	23	29.8	32.3	28.9	25.3	27.2	32.6	22.7	98	97	77	64	77	93	84.3	------
20	57.98	58.23	58.81	56.18	57.83	58.57	57.93	24.2	22.9	29.8	31.1	26	24.4	26.4	32.8	22.5	92	96	70	65	91	92	84.3	.5
21	57.78	58.33	59.21	56.88	57.97	59.16	58.22	23.2	22.4	28.8	30.8	26.3	24.6	26	31.6	21.9	93	96	75	71	93	95	87.2	10.9
22	58.32	59.14	59.93	57.05	57.98	59.70	58.69	23.9	23.1	23.5	28.8	26	24	24.9	29.5	22.5	97	98	94	72	87	95	90.5	9.4
23	58.49	58.84	59.21	57.01	57.79	58.85	58.36	22	20.9	28.4	31.4	27.6	25.3	25.9	31.7	20.6	95	96	70	63	83	92	83.2	------
24	57.92	57.89	58.28	56.65	56.70	57.58	57.50	24	23	30.4	26.7	25.4	23.4	25.5	31.6	22.2	92	96	66	93	92	96	89.2	.8
25	56.60	56.63	57.15	54.94	55.71	56.37	56.23	22.1	22	30.2	31	27.8	23.6	26.1	32.6	21.4	95	96	64	62	79	93	81.5	------
26	55.31	55.30	55.39	53.43	54.61	55.47	54.92	21.6	20.5	30	30.2	25.4	23.8	25.2	31.6	20.2	93	96	71	62	92	97	85.2	3
27	54.51	54.83	55.56	53.29	54.70	55.76	54.78	23.1	23	26.9	29.9	24.8	24.3	25.3	30.2	22.4	97	97	92	71	96	97	91.7	33.7
28	54.59	54.93	56	54.01	54.60	54.90	54.84	24	24	27	28.8	25.8	25.4	25.8	29.4	23.4	98	99	89	78	93	96	92.2	26.2
29	54.30	55.12	55.73	54.04	55.52	57.31	55.34	24.8	24.5	25	25.4	25	24.4	24.8	26.5	23.6	99	99	99	98	95	96	97.7	42.2
30	55.92	56.55	57.11	55.47	56.50	56.79	56.39	24.3	24.1	29.4	30.2	25.4	22.5	26	30.7	21.2	86	86	66	61	76	91	77.7	------
Mean	57.04	57.37	57.94	55.71	56.75	57.87	57.12	23.2	22.7	28.8	29.9	26.4	24.2	25.9	31.5	22	94.5	96	74.7	69.9	86.5	93.3	85.8	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	200

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	Calm	S	NW	Calm	Calm	13.4	30.9	33.8	8	86.1	3	Ci.-S. W	Fr.-Cu.	9	Ci.-S.	Cu.-N. EbyN
2	Calm	Calm	Calm	S	Calm	Calm	11.3	15.3	27.4	18.8	72.8	9	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.-N.ENE
3	Calm	Calm	SW	Calm	Calm	Calm	15.8	26.4	27.6	12.9	82.7	9	Ci.-S.	Cu.-N. E	10	Ci.-S.	Cu.-N.ENE
4	Calm	Calm	S	Calm	Calm	Calm	14.3	27.6	33.3	18.7	93.9	6	Ci.-S.	Cu.	5	Ci.-S.	Cu.-N. NE
5	Calm	Calm	Calm	NW	Calm	Calm	16.6	24.9	41.6	12.9	96	6	Ci.-S.	S.-Cu.	7	A.-Cu. NbyE	Cu.
6	Calm	Calm	NW	WNW	Calm	Calm	16.1	28.7	32.5	12.1	89.4	8	Ci.-S.	Cu.	9	Ci.-S.	Cu.-N.
7	Calm	Calm	Calm	NW	Calm	Calm	12.4	23.5	26.4	16.7	79	8	Ci.-S.	Cu.	7	Ci.-S.	Fr.-Cu.
8	Calm	Calm	S	Calm	Calm	Calm	13.4	32	28.2	14.5	88.1	9	Ci.-S.	Cu.-N. SW	10	Ci.-S.	Cu.-N.
9	Calm	Calm	SW	Calm	Calm	Calm	18.3	30.3	33	25.2	106.8	8	Ci.-S.	cu.-N. SSW	9	Ci.-S.	Cu.-N.
10	Calm	Calm	SW	S	Calm	Calm	15.8	24.6	35.2	22	97.6	6	Ci.-S.	Cu.	9	Ci.-S.	Cu.-N.
11	Calm	Calm	Calm	S	Calm	NNW	13.4	28.7	20.7	22.2	85	9	Ci.-S.	Cu.-N. E	10	Ci.-S.	Cu.-N. NE
12	Calm	Calm	NE	ENE	Calm	NE	15.3	64.6	51.3	19.5	150.7	10	Ci.-S.	Cu.-N. E	10	Ci.-S.	cu.-N.ENE
13	Calm	Calm	NE	NE	Calm	NE	13.7	48.1	44.1	36.2	142.1	10	Ci.-S.	N.	9	Ci.-S.	Cu.-N. EbyN
14	Calm	Calm	NE	W	Calm	Calm	14.2	46.4	22.2	16.7	99.5	10	Ci.-S.	Cu.-N. NE	10	Ci.-S.	Cu.-N.
15	Calm	Calm	Calm	SE	Calm	ESE	16.6	20.1	37.2	10.7	84.6	8	A.-Cu. E	S.-Cu.	9	Ci.-S.	Cu.-N.
16	Calm	Calm	Calm	SE	Calm	Calm	19.9	24.9	64.4	21.2	130.4	10	Ci.-S.	Cu.-N. S	10	Ci.-S.	Cu.-N.
17	Calm	Calm	SE	SE	NE	Calm	19.3	40.2	81.6	13.5	154.6	6	Ci.-S. E	Cu.-N.	7	A.-Cu.SWbyW	Fr.-Cu.
18	Calm	Calm	SE	SE	N	Calm	12.9	51	41	26.2	131.1	8	A.-Cu.	cu.-N. SSE	10	Ci.-S.	Cu.-N.
19	Calm	Calm	Calm	SSE	Calm	Calm	9.7	26.6	37.2	11	84.5	8	A.-Cu.	S.-Cu.	8	Ci.-S. E	Fr.-Cu.
20	Calm	Calm	SW	SSE	Calm	Calm	16.7	27.4	51	19.1	114.2	8	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.-N. E
21	Calm	Calm	Calm	SE	Calm	Calm	17.9	22.7	29	13.5	83.1	9	ci.-S. EbyN	Cu.-N.	9	Ci.-S.	Cu.-N. NE
22	Calm	NE	E	N	Calm	Calm	20.4	38.8	28.2	11.1	98.5	10	Ci.-S.	Cu.-N. N	10	Ci.-S.	Cu.-N.
23	Calm	Calm	SSW	S	Calm	Calm	11	22.7	45.1	12.4	91.2	4	Ci.	S.-Cu.	5	A.-Cu.	Cu. NE
24	Calm	Calm	SW	Calm	Calm	Calm	14.5	33	29.2	14.2	90.9	4	Ci.-S.	Cu.	10	Ci.-S.	cu.-N.ENE
25	Calm	Calm	WNW	WbyS	Calm	Calm	18.2	25.7	34.6	14.7	93.2	2	Ci.-S.	Cu.	7	Ci.-S.	Cu. NE
26	Calm	Calm	NWbyN	NW	Calm	Calm	19.1	38.4	62.6	12.6	132.7	7	A.-Cu.	Fr.-Cu.	8	Ci.-S. EbyS	Cu.-N.NWbyN
27	Calm	Calm	Calm	W	SE	Calm	9.1	21.2	43.1	16.3	89.7	6	Ci.-S.	cu.-N.WNW	10	Ci.-S.	Cu.-N. WNW
28	Calm	Calm	Calm	WNW	Calm	Calm	9.4	9.7	39.2	11.5	69.8	10	Ci.-S.	cu.-N.WNW	10	Ci.-S.	Cu.-N.NWbyW
29	Calm	Calm	NNW	Calm	Calm	Calm	6.7	16.4	26.9	15.8	65.8	10	Ci.-S.	N.	10	Ci.-S.	Cu.-N. NW
30	NNW	Calm	NNW	NNW	Calm	Calm	22.3	48.6	60.9	5.3	137.1	10	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.-N.NbyW
Mean	------	------	------	------	------	------	14.9	30.6	39	16.2	100.7	7.7	----------	----------	8.8	----------	----------
Total	------	------	------	------	------	------	------	------	------	------	3,021.1	----	----------	----------	----	----------	----------

ORMOC.

[$\phi = 11° 00'$ N; $\lambda = 124° 36'$ E; barometer above sea, 5.6 meters; gravity correction not applied, —1.83 mm.]

DECEMBER, 1916.

Day.	Atmospheric pressure, 700 mm.							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.89	56.63	56.66	54.57	54.72	55.66	55.77	21.9	22.6	26.2	25.5	24.3	23.8	24	27.4	20.8	91	97	82	90	97	98	92.5	252.2
2	54.50	54.35	56.42	55.05	56.50	57.37	55.70	22.9	22.9	25.4	27.8	25.5	23.9	24.7	28.3	22.2	99	100	90	77	92	96	92.3	.5
3	56.30	57.29	58.20	56.03	57.55	58.73	57.35	22.6	22	29.5	32.2	27.8	24.4	26.4	32.4	21.7	97	97	74	59	77	92	82.7	------
4	58.12	57.95	58.60	56.25	56.70	57.42	57.51	23.9	23.1	29.4	32.3	27.8	24.1	26.8	32.7	22.8	91	95	72	66	84	94	83.7	2.1
5	56.61	55.84	57.49	55.19	55.70	56.65	56.25	23.9	23.7	29.2	30.7	27.4	25	26.6	31.3	23.4	96	98	76	71	84	98	87.2	1.3
6	56.12	56.17	57	55.64	55.90	57.08	56.32	23	23.2	29.2	27.4	27.8	23.9	25.8	31.1	21.5	97	94	71	86	71	93	85.3	2.1
7	56.60	56.58	57.10	55.04	56.25	57.21	56.46	21.9	21.9	29.4	30.5	25.6	23.9	25.5	31.8	21.4	92	96	72	72	90	96	86.3	.8
8	56.70	56.58	57.15	55.26	56.05	57.47	56.54	23	22.1	28.7	30.5	25.6	24	25.6	31.1	21.4	96	94	70	65	91	96	85.3	7.9
9	56.50	56.95	58.27	55.90	56.87	57.42	56.98	22.9	22.1	27.6	29.3	26.8	23.9	25.4	31.2	21.8	97	98	76	75	89	96	88.5	.5
10	57.19	57.47	58.25	55.88	56.79	58.08	57.28	23.7	22.5	29.4	31.1	26.4	22.9	26	31.9	22.2	95	96	65	71	84	94	84.2	------
11	57.19	57.15	57.45	55.27	56.91	57.38	56.89	22.4	21.9	29.4	29.6	25.4	24.5	25.5	31.6	21.5	93	96	71	77	94	97	88	8.7
12	56.88	56.46	57.32	55.85	56.72	57.39	56.77	24	24.3	28.4	25.9	24.8	23.9	25.2	29.3	23	97	96	73	84	91	96	89.5	6.6
13	56.92	56.95	57.39	55.64	56.53	56.84	56.71	23.3	23	30.7	26.4	25.9	24.9	25.7	31.4	22.8	97	99	70	88	86	92	88.7	26.6
14	56.08	56.68	57.94	55.38	55.42	56.41	56.32	24.7	24	24.4	26.4	27.4	27.3	25.7	28.1	23.7	92	99	98	84	70	74	86.2	10.5
15	55.51	55.49	57	55.06	55.92	57.02	56	24.9	23.5	26.7	25.8	25	24.3	25	27.3	23.4	89	96	86	93	99	97	93.3	12.8
16	56.18	56.42	57.01	54.60	55.47	55.95	55.94	23.6	23.1	27.6	29.7	27.4	26.5	26.3	30.7	22.5	97	99	83	70	76	76	83.5	.5
17	55.92	56.23	56.83	54.96	55.77	56.43	56.02	24.9	24.2	26.8	25	25.2	24.5	25.1	27.7	23.4	91	96	88	98	91	95	93.2	15.5
18	56.32	56.53	56.45	54.64	56	57.08	56.17	24.3	23.9	26.9	30.5	26.9	25.4	26.3	31.1	23.6	96	98	87	72	81	92	87.7	.6
19	55.91	56.54	57.30	55	56.45	57.43	56.44	24.4	23.4	29.3	32.2	27.4	24.9	26.9	32.4	22.6	96	97	78	64	77	92	84	------
20	56.58	56.99	57.30	55.54	56.90	58.21	56.92	22.2	20.9	29.9	31.2	27.8	25.4	26.2	32	20.4	96	95	62	61	70	88	78.7	2.1
21	57.61	57.93	57.44	55.69	56.29	57.62	57.10	24	23.9	28.9	28.2	27.2	26.8	26.5	31.2	23.4	93	96	80	73	73	77	82	------
22	56.79	57.43	57.60	55.12	56.45	57.53	56.82	24.6	23.9	28	29.7	27.2	24.3	26.3	30.1	22.6	91	95	83	73	85	91	86.3	.5
23	57	57.30	57.57	55.44	56.50	57.69	56.92	21.6	19.9	28.5	30.8	27.2	21.9	25	31.3	19.4	94	95	60	62	73	93	79.5	------
24	56.41	57.01	57.48	56.25	57.24	57.68	57.01	21	20.6	27.5	25	24.3	24.1	23.8	29.4	19.8	91	94	76	91	81	90	87.2	11.9
25	57.18	57.38	57.97	56.37	57.93	57.68	57.42	22.9	23.4	26.2	25.4	24.8	23.8	24.4	26.7	22.4	92	96	90	93	96	97	94	11.4
26	56.59	56.18	57.21	55.68	57.07	56.69	56.57	23.3	23.4	26.5	24.7	24.2	23.9	24.3	27.7	22.4	94	96	80	94	93	91	91.3	12.3
27	55.77	56.37	56.91	55.06	56.56	56.62	56.22	23.3	24.1	27.1	28.8	25.1	26.7	25.8	29.8	22.8	97	93	87	75	92	71	85.8	1.6
28	56.06	57.26	57.57	56.07	57.38	57.50	56.97	26.2	25.8	27.8	30.2	26.8	26.4	27.2	30.8	25	73	75	73	64	72	76	72.2	------
29	56.78	57.09	57.87	55.40	57.12	57.72	57	25.4	24.6	28	30.6	26.2	25.4	26.7	30.8	23.2	83	90	76	65	84	80	79.7	.3
30	56.78	57.47	57.77	55.54	56.51	57.76	56.97	24.8	22.9	28.5	29.8	27.8	23.9	26.3	31.5	21.8	93	95	75	71	69	97	83.3	1
31	57.59	57.95	58.50	56.18	57.81	58.91	57.82	23	22.8	27	30.2	27.4	25.9	26	31.3	22.3	96	97	79	70	80	80	83.7	1.3
Mean	56.55	56.79	57.45	55.47	56.52	57.31	56.68	23.5	23	28	28.8	26.3	24.7	25.7	30.4	22.3	93.3	95.4	77.5	75.9	83.6	90.2	86	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	391.6

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Mid-night.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	Calm	WNW	NNW	N	Calm	6.7	44.6	36.8	27.6	115.7	10	Ci.-S.	S.-Cu.	10	Ci.-S.	N. NW
2	E	Calm	Calm	Calm	Calm	Calm	31.4	35.9	24.1	10.2	101.6	10	Ci.-S.	N.	10	Ci.-S.	Cu.-N. ESE
3	Calm	Calm	S	ESE	Calm	Calm	15.6	39.2	57.9	15.1	127.8	6	Ci.-S.	Cu.-N. Ebys	6	Ci.-S.	Cu. E
4	Calm	Calm	S	S	Calm	Calm	13.4	23.8	29.5	13.2	79.9	5	Ci.	Cu.	8	Ci.-S.	Cu.-N. E
5	Calm	NW	SW	WNW	Calm	Calm	15.9	26.4	38	13.1	93.4	10	Ci.-S. ESE	Cu.-N.	9	A.-Cu. E	Cu.-N. NE
6	Calm	Calm	WNW	Calm	NE	Calm	13.9	21.7	26.6	20.6	82.8	8	Ci.	Cu.-N. NE	10	Ci.-S.	Cu.-N.ENE
7	Calm	Calm	Calm	SE	Calm	Calm	18.3	19.6	36	19.6	93.5	4	Ci.	Cu.	8	Ci.-S.	Cu.-N. NEbyE
8	N	N	SW	S	Calm	Calm	19.3	26.9	45.9	13.5	105.6	3	Ci.	Cu.	9	Ci.-S.	Cu.-N. E
9	Calm	Calm	Calm	SSW	Calm	Calm	16.9	14.3	27.7	19.5	78.4	6	A.-Cu. ESE	Cu.-N.	9	Ci.-S.	Cu.-N.ENE
10	Calm	Calm	Calm	SSE	Calm	Calm	18.8	23.9	46.5	17.2	106.4	7	A.-Cu. S	Cu.-N.	8	Ci.-S.	Cu.-N.ENE
11	Calm	Calm	W	S	NW	Calm	18.2	27.1	36.2	16.9	78.4	4	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.-N- NEbyE
12	Calm	Calm	ESE	NE	Calm	Calm	12.9	26.6	25.1	14.3	78.9	9	Ci.-S.	Cu.-N. E	10	Ci.-S.	Cu.-N.
13	Calm	Calm	NE	NW	NE	Calm	21.5	36.5	28	34.6	120.6	10	Ci.-S.	Cu.-N. E	10	Ci.-S.	Cu.-N. EbyN
14	Calm	SE	Calm	Calm	NE	NE	29.6	21.1	23.2	48.8	127.7	10	----------	N.	10	Ci.-S.	Cu.-N. E
15	Calm	Calm	Calm	Calm	Calm	Calm	18	19.3	9.5	9.1	55.9	5	Ci.-S.	Cu. E	10	Ci.-S.	Cu.-N. E
16	Calm	Calm	Calm	S	Calm	NE	14.3	24.9	22.5	12.6	74.3	9	Ci.-S.	Cu.-N. E	10	Ci.-S.	Cu.-N. E
17	Calm	Calm	NW	Calm	SE	Calm	15.5	24.6	18.3	26.2	84.6	8	Ci.-S.	Cu.-N. E	10	Ci.-S.	Cu.-N. E
18	Calm	Calm	Calm	S	Calm	Calm	16.9	24.3	65.7	15.1	122	8	Ci.-S.	N.	8	Ci.-S.	cu.-N. ESE
19	Calm	Calm	S	SE	E	Calm	19.8	55.7	77	23.5	176	6	Ci.-S.	Cu. E	7	Ci.-S.	Cu. E
20	Calm	Calm	NE	SW	NE	Calm	18	38.1	45.4	11.3	112.8	4	A.-Cu. S	S.-Cu.	8	A.-Cu. SE	Cu. NEbyE
21	Calm	Calm	NW	NE	NE	ENE	15.5	25.5	27.1	39.6	107.7	10	Ci.-S.	Cu.-N. E	10	Ci.-S.	Cu.-N.ENE
22	Calm	Calm	NE	S	Calm	Calm	8.9	22.5	31.4	15.1	77.9	9	A.-Cu. E	Cu.-N.	10	Ci.-S.	Cu.-N. E
23	Calm	Calm	SW	SSW	Calm	Calm	18.7	28.2	37.8	21.1	105.8	5	Ci.-S.	S.-Cu.	4	Ci.	Cu. ENE
24	Calm	Calm	NW	Calm	NE	Calm	22.7	26.6	25.9	28.8	104	7	Ci.-S.	Cu. ENE	10	Ci.-S.	cu.-N.ENE
25	Calm	Calm	Calm	Calm	Calm	NE	19.8	13.7	16.4	17.2	67.1	10	Ci.-S.	Cu.-N. E	10	Ci.-S.	cu.-N.ENE
26	Calm	Calm	NE	Calm	Calm	Calm	20.3	26.2	20.1	23.8	90.4	10	Ci.-S.	cu.-N. ENE	10	Ci.-S.	cu.-N.ENE
27	Calm	Calm	NW	NE	Calm	Calm	15.8	34.6	34	34.1	118.5	10	Ci.-S.	Cu.-N. E	10	A.-Cu. E	Cu.-N. E
28	N	NE	NE	NE	NE	N	49.9	50.5	73.8	51.8	226	10	Ci.-S.	Cu.-N. E	10	A.-Cu. E	Cu.-N. E
29	Calm	ENE	Calm	SE	SE	ESE	24.3	27.9	73.4	30.8	156.4	10	Ci.-S.	cu.-N. ESE	9	A.-Cu. ESE	Cu.-N. E
30	Calm	Calm	SE	S	ESE	Calm	18.2	66	52.3	16.4	152.9	8	Ci.-S.	Cu.-N. E	8	ci.-S. Ebys	Cu. E
31	Calm	Calm	SW	S	E	E	16.4	34.3	75.1	29.8	155.6	10	Ci.-S.	N.	8	A.-Cu. SE	Cu.
Mean	-----	-----	-----	-----	-----	-----	18.9	30	38.5	22.3	109.6	7.8	----------	----------	9	----------	----------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	3,398.6	----	----------	----------	----	----------	----------

TACLOBAN.

[$\phi = 11° 15'$ N; $\lambda = 125° 00'$ E; barometer above sea, 3.4 meters; gravity correction not applied, —1.82 mm.]

JANUARY, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	mm.
1	54.93	54.68	54.99	51.58	52.55	53.74	53.74	24.2	25	24	24.4	24.9	23.5	24.3	25.3	22	97	93	93	92	96	87	93	7.4
2	53.17	54.80	55.88	54.01	55.12	56.25	54.87	23.8	23.9	28	28.5	26.2	24.6	25.8	29.5	22.4	86	88	77	68	82	88	81.5	.6
3	55.99	56.66	58.30	56.60	57.76	59.21	57.42	24	23.9	29	30.5	27	26.5	26.8	30.8	23	91	89	78	74	88	92	85.3	4.8
4	58.24	59.62	60.69	58.72	59.39	60.15	59.47	25.2	25	29.5	28.7	27	25.6	26.8	31.5	24.2	92	97	79	73	84	91	86	------
5	59.31	60.41	61.49	58.62	59.46	60.02	59.88	25	24.9	29.9	31.5	26.5	25.3	27.2	32.3	23.7	93	96	69	65	84	93	83.3	5.2
6	59.33	59.79	60.98	58.51	59.51	60.08	59.70	25	24	27	30.2	25.5	25	26.1	31	23.1	95	93	84	70	92	95	88.2	6.3
7	59.30	60.31	60.64	58.94	59.46	60.22	59.81	25.1	24	29.3	28.8	26.9	25.4	26.6	30.8	23.5	94	96	73	79	80	88	85	10.7
8	59.65	60.52	61.17	59.36	60.35	61.11	60.36	24.7	24.5	28.5	28.8	27	26	26.6	30.5	23.8	94	96	81	78	81	84	85.7	4.2
9	60.50	61.21	61.54	59.29	60.95	61.82	60.88	25.8	25.2	28.8	30.6	26	25	26.9	32	24	88	90	76	70	88	92	84	4.3
10	60.55	61.79	61.99	59.26	60.34	61.56	60.92	24.7	24.7	29.6	28.5	27.4	26.5	26.9	32.1	24	94	91	74	78	81	84	83.7	3.9
11	60.53	61.23	61.62	59.20	60.17	60.28	60.50	24.8	24.5	29.9	28.4	26	26	26.6	31.6	23.9	95	94	72	82	89	92	87.3	4
12	59.24	59.30	60.64	58.60	59.36	60.01	59.52	25.3	25.6	25	24.8	25.2	25.4	25.2	26	23.4	89	92	92	93	91	92	91.5	45.2
13	58.58	58.58	59.27	57.19	57.87	58.25	58.29	25.4	25.5	27.1	26	25	24.5	25.6	27.4	23.5	84	83	79	87	87	91	85.2	31
14	55.89	55.59	56.21	52.66	50.79	48.14	53.21	24.5	24.8	24.6	24.5	23.5	23.8	24.3	24.9	21.6	96	93	95	94	92	98	94.7	246.7
15	45.49	49.71	52.90	51.14	51.48	52.93	50.61	23.5	25.5	26.7	25.8	26.2	25.8	25.6	27.4	22.9	99	94	90	90	94	92	93.2	61.4
16	50.84	51.01	54.10	53.02	54.69	56.81	53.41	25	25.4	25	24.2	24.2	23.8	24.6	26	23	92	85	92	97	94	93	92.2	75.8
17	55.66	56.31	58.01	56.55	57.37	58.86	57.13	24	24.1	23.8	24.4	23.8	23.3	23.9	24.6	22.6	90	87	91	88	88	85	88.2	1.8
18	58.16	58.62	59.84	57.76	58.84	59.46	58.78	23.3	23	24.5	25.3	24	23.5	23.9	25.5	22.2	85	88	76	77	85	89	83.3	.3
19	58.32	58.61	59.96	58.37	59.49	60.09	59.12	23.2	23.4	25.8	25.5	24.5	24	24.4	27.2	22.3	90	88	78	77	79	83	82.5	------
20	59.02	58.96	60.38	57.95	58.50	58.76	58.93	23	23.1	24	25.2	24	24.4	24	25.5	22	86	86	85	80	86	82	84.2	1.8
21	57.42	57.46	58.71	56.13	56.40	56.69	57.14	23.2	23.5	23.8	25.1	24.6	24.6	24.1	26.1	22.2	93	91	93	91	93	95	92.7	10.6
22	56.14	55.91	57.05	55.99	56.19	57	56.38	24.5	24.5	25.7	24	24.9	24.5	24.7	26	23	92	93	90	95	92	91	92.2	26
23	55.61	56.55	56.99	55.08	56.17	57.30	56.28	24	24	25.7	27.4	25.8	25	25.3	28	22.7	95	96	93	85	93	99	92.5	12.4
24	56.33	57.05	58.21	56.94	57.95	58.94	57.57	24.6	24.4	23.9	24	24	24.3	24.2	25	22.9	97	92	94	97	96	87	93.8	76.1
25	57.54	58.32	59.25	57.55	57.89	58.86	58.24	23.5	23.7	26.5	25.5	24.8	25.3	24.9	28.2	22.5	90	94	88	88	88	86	89	4.8
26	57.43	57.79	59.10	57.19	57.53	59.28	58.05	24.9	24.4	25.9	25.2	25.5	24.5	25.1	26.5	23.4	89	93	91	90	91	96	91.7	25.9
27	57.94	57.85	58.45	56.76	57.40	58.27	57.78	24	24	28.6	26.7	25.6	25	25.6	30.3	23.1	96	96	77	83	90	92	89	14.9
28	57.53	58.69	58.69	56.06	57.23	58.70	57.82	24.2	24.1	25.2	29.5	26	25	25.7	30.4	23.3	93	94	95	76	90	95	90.5	9.5
29	56.84	57.04	57.84	55.68	55.97	57.74	56.85	24.4	23.5	28.3	25.7	25.3	24.3	25.2	31.1	22.6	97	99	79	91	94	93	92.2	90.3
30	56.61	57.59	58.25	55.43	56.30	57.34	56.92	24	22.5	27.1	31	27.1	25	26.1	31.9	22	93	97	76	68	81	92	84.5	------
31	56.32	56.41	57.29	55.30	55.76	57.18	56.38	24.2	24.3	29	31.3	27.8	25.1	27	32	23.3	95	97	79	64	79	94	84.7	------
Mean	57.05	57.69	58.72	56.63	57.36	58.23	57.61	24.4	24.3	26.8	27.1	25.6	24.9	25.5	28.6	23	92.3	92.3	83.5	81.9	88	90.5	88.1	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	835.9

Day.	Wind.										Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Mid-night.			Upper.	Lower.		Upper.	Lower.
							Km.	Km.	Km.	Km.	Km.						
1	NW	NW	NW	WNW	Calm	S	133.4	178.6	84.2	56	452.2	10	----------	N. NNW	10	----------	N. NW
2	S	SSE	SSE	SE	SSE	S	67.6	96.8	96.6	35.2	296.2	10	----------	N. S	10	----------	S.-Cu. SSE
3	S	Calm	SE	SE	Calm	SE	29.8	74	71.3	54.4	229.5	3	Ci.	S.-Cu.	4	Ci. SSW	Cu.-N. SE
4	Calm	Calm	S	E	SE	Calm	17.2	33.2	52.9	30.6	133.9	10	Ci.	N. ESE	4	Ci. E	Cu.-N. SE
5	Calm	NW	ESE	SSE	Calm	NW	35.9	42.3	51.2	29.2	158.6	10	----------	S.-Cu. E	4	Ci. SE	Cu. E
6	NW	NW	NE	SE	Calm	Calm	56.8	34.6	36.7	22.8	150.9	10	Ci. SE	Cu. E	6	----------	Cu.-N. E
7	NW	Calm	Calm	Calm	Calm	Calm	40.4	32.4	28.8	13.7	115.3	10	----------	N. E	8	----------	Cu.-N.ENE
8	WNW	W	E	ESE	Calm	Calm	33	37.5	59.8	21.5	151.8	10	----------	N. ENE	10	----------	N. E
9	NW	NW	NW	NE	Calm	Calm	49.7	39.7	40.8	18.2	148.4	10	----------	S.-Cu. ENE	10	----------	Cu.-N.ENE
10	NW	Calm	E	E	E	Calm	33.3	37	43.8	26.9	141	10	Ci.-S.	S.-Cu. NE	10	----------	N. ENE
11	Calm	NW	SE	E	E	WNW	27.9	46.1	54.7	27.4	156.1	10	----------	S.-Cu. E	7	----------	Cu.-N.ENE
12	NW	NW	Calm	WNW	Calm	NW	56.6	45.3	25.7	40.7	168.3	10	----------	N.-cf. NE	10	----------	N. NE
13	NW	NW	NW	NW	NW	NW	76.1	73.2	67.9	51.5	268.7	10	Ci.-S.	S.-Cu. NE	10	----------	Cu.-N. NE
14	NW	NNW	NW	NW	NW	WNW	85.1	101.9	174.6	162.3	523.9	10	----------	N. NNE	10	----------	Fr.-N. N
15	SE	SE	SE	SE	SE	SSE	182.1	252	213.5	177.3	824.9	10	----------	N. SE	10	A.-Cu. SSW	N. S
16	SE	SSE	NW	NW	NW	NW	168.9	103	141.6	135.7	549.2	10	----------	N. S	10	----------	N. N
17	NW	NW	WNW	NW	NW	NW	120.4	121	105.4	97.6	444.4	10	A.-Cu. NE	Cu.-N. N	10	----------	Cu.-N. N
18	NW	NW	NW	NW	NW	NW	104.8	92.3	104	87.9	389	10	A.-Cu. NE	Cu.-N. N	10	----------	Cu.-N. N
19	NW	NW	NW	NW	NW	NW	108	81.3	75.6	72.1	332	10	----------	S.-Cu. NNE	10	----------	S.-Cu.NNE
20	WNW	NW	NW	NW	WNW	NW	77.7	90.7	99	73	340.4	10	A.-Cu. NE	S.-Cu. NNE	10	----------	N.-cf.NNE
21	NW	NW	NW	NW	NW	WNW	80.8	87.4	103.5	96.9	368.6	10	----------	N. N,NNE	10	----------	N. N
22	NW	WNW	NW	SE	NW	Calm	82.3	90.6	55.5	32.4	260.8	10	A.-Cu. E	N. NE	10	----------	N. NE
23	NW	NW	NW	Calm	WNW	NW	42.6	63.1	29.6	49.3	184.6	10	----------	N. ENE	10	----------	Cu.-N.ENE
24	WNW	NW	NW	Calm	NW	NW	67.3	60.2	39.6	41.3	208.4	10	----------	N. NE	10	----------	N.
25	W	WNW	NW	Calm	NW	NW	55.7	54.9	50.4	44.6	205.6	10	----------	N. E	10	----------	N.-cf. E
26	Calm	Calm	Calm	ESE	Calm	Calm	18.8	25.2	39.6	27.4	111	10	Ci.	S.-Cu. ENE	10	----------	Cu.-N. E
27	NW	WNW	E	ENE	Calm	Calm	40	36.2	44.9	26.8	147.9	10	A.-Cu. ESE	N.-cf. ENE	10	----------	Cu.-N. E
28	Calm	Calm	ESE	Calm	Calm	Calm	25.2	23.9	35.2	15.5	99.8	10	----------	N. ENE	8	----------	Cu.-N. E
29	WNW	WNW	Calm	Calm	Calm	NW	31.2	37.6	32.2	63	164	7	Ci. S	S.-Cu. E	10	----------	N. E
30	NW	Calm	Calm	NW	WNW	Calm	33.3	28	49.6	37.2	148.1	10	Ci.-S. SSE	S.-Cu.	9	Ci. SE	Cu.-N. N
31	Calm	NW	E	NW	NW	Calm	24.6	28.4	66	35.4	154.4	10	Ci.	S.-Cu. NNW	6	----------	Cu. NW
Mean	-----	-----	-----	-----	-----	-----	64.6	69.3	70.1	55	259	9.7	----------	----------	8.9	----------	----------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	8,027.9	----	----------	----------	----	----------	----------

TACLOBAN.

[$\phi = 11° 15'$ N; $\lambda = 125° 00'$ E; barometer above sea, 3.4 meters; gravity correction not applied, −1.82 mm.]

FEBRUARY, 1916.

Day.	Atmospheric pressure, 700 mm. +							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.22	56.69	58.22	55.88	56.03	57.40	56.74	24.4	23.9	28.9	30.4	27.4	26.3	26.9	31.4	23	95	97	75	69	81	90	84.5	
2	56.49	57.30	58.60	55.86	56.70	58.08	57.17	25.5	23.9	30	29.7	26.8	26	27	30.4	23.4	94	97	73	69	81	87	83.5	3.6
3	56.46	57.65	58.62	56.40	56.82	58.32	57.38	25.9	24.7	29	30	27.5	25.6	27.1	31	24	91	94	78	74	84	93	85.7	
4	57.24	57.88	58.91	56.94	56.75	57.83	57.59	25.5	24	29.2	28.9	27.5	26	26.8	30.8	23.3	96	98	80	75	84	92	87.5	.5
5	57.34	57.98	59.46	56.75	57.19	58.38	57.85	25.5	24.9	29.5	30.7	27.8	26.1	27.4	31.3	23.5	96	94	70	69	84	93	84.3	
6	57.86	58.55	59.49	56.83	56.75	57.93	57.90	25.2	24	29.5	31	27.4	25.6	27.1	31.5	23.3	94	96	75	59	74	88	81	
7	56.95	57.23	58.07	56.06	56.51	57.49	57.05	24.9	24	28.4	31	27	25	26.7	32	23.3	92	95	72	59	81	88	81.2	
8	56.49	57.26	58.39	56.42	57.16	58.86	57.43	23.5	22.9	28.6	31	26.7	23.1	26	32.1	20.6	94	97	72	63	71	84	80.2	
9	58.44	59.40	60.11	58.12	58.92	60.20	59.20	22	20.6	27.5	29.8	26.9	24.5	25.2	30.5	20	91	92	69	33?	60	79	70.7	
10	59.58	59.99	61.02	58.82	59.17	60.66	59.87	22.6	21.5	27.8	29.3	26.5	24.1	25.3	31.2	21	89	92	69	62	70	86	78	
11	59.32	59.64	61.10	58.67	60.32	61.07	60.02	24.8	24	25.2	29.6	25	23.5	25.4	30.4	22.6	82	87	90	67	87	94	84.5	12.1
12	60.01	60.39	61.76	59.38	59.22	60.93	60.28	23.3	23.5	25.6	27	25.5	25.2	25	27.4	22.5	94	91	75	75	88	85	84.7	10
13	59.91	60.09	61.51	59.30	59.88	61.50	60.36	24	24	27.3	27.5	26.2	24.6	25.6	29.8	22.8	93	91	82	76	75	91	84.7	11.1
14	60.48	60.66	61.71	58.89	59.46	60.78	60.33	23.8	23.7	28.7	27.8	24.9	24.5	25.6	30.1	22.7	93	94	75	80	91	92	87.5	4.9
15	59.57	59.92	61	58.45	58.98	60.72	59.77	23.5	22.5	28	31.2	26.6	25.2	26.2	31.9	21.9	96	96	74	62	75	86	81.5	
16	59.08	59.56	61.12	58.19	59.13	60.71	59.63	23.7	23.5	26.5	27	26.7	25	25.4	29.2	22.6	94	96	84	87	86	92	89.8	13.6
17	58.78	59.14	60.43	57.52	58.30	59.29	58.91	23.9	24	26.8	28.8	25	24.9	25.6	29.2	22.7	95	95	82	73	88	92	87.5	17.3
18	57.98	57.89	58.54	56.43	56.78	57.49	57.52	25	24.5	28	24.8	25.5	24.9	25.4	30.4	23.5	92	89	81	95	93	91	90.2	49.3
19	56.63	56.75	58.01	55.62	56.55	57.62	56.86	24.3	24	24.7	27	25.5	25	25.1	27.4	23.4	97	96	94	84	92	90	92.2	18.4
20	56.68	57.18	57.86	56.09	56.64	57.82	57.04	24.3	24	25.3	26	26	25	25.1	29	23.2	96	97	96	92	92	95	94.7	45.6
21	57.92	57.34	58.48	56.63	57.01	58.37	57.62	23	23.9	27.5	26.8	26.5	25.2	25.5	30.2	21.7	97	96	84	83	85	90	89.2	15.6
22	57.27	57.94	59.03	57.09	57.53	59.12	58	25	24.4	26.5	24.8	25.8	24.5	25.2	27	23	93	97	90	90	93	96	93.2	27.9
23	57.84	57.91	59.36	57.27	57.56	59.10	58.17	23.8	22.4	28.5	29.2	27	24.3	25.9	30.8	21.3	97	98	70	71	72	89	82.8	
24	57.64	58.15	58.84	56.86	57.22	58.75	57.91	23.4	22.8	28.2	30.5	26.6	25	26.1	31.8	22	95	97	76	71	86	83	84.7	
25	57.85	58.45	59.16	56.64	57.07	58.45	57.94	24	24	28.2	29.1	25.8	25	26	29.6	22.8	88	90	72	68	81	83	80.3	
26	57.34	57.60	58.75	56.62	56.84	57.97	57.52	24.1	23.7	26.2	28.2	26.5	24.5	25.5	29.1	23	89	91	79	69	83	87	83	
27	56.64	57.30	58.79	56.16	56.81	58.17	57.31	23.8	22.7	26.9	29.7	26.7	24.5	25.7	30.5	22	86	94	70	58	62	79	74.8	
28	56.48	57.28	58.06	55.77	56.22	57.67	56.91	24.7	24.5	27	25.6	25.9	25.5	25.5	27.3	23.3	80	86	80	93	93	94	87.7	9.4
29	56.14	56.92	58.45	55.81	56.25	57.67	56.87	25.5	25.4	27.9	30	26.1	25.9	26.8	30.6	24.6	93	95	85	81	91	93	89.7	2
Mean	57.81	58.28	59.41	57.09	57.58	58.91	58.18	24.2	23.7	27.6	28.7	26.4	25	25.9	30.1	22.7	92.5	94.1	78.3	72.7	82.2	89	84.8	
Total																								241.3

Day.	Wind.										Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NW	WNW	Calm	E	Calm	WNW	37	22.8	39.1	27.1	126	4	Ci.	S.-Cu. NW	7	Ci. S	Cu.-N. NW
2	Calm	Calm	SSE	SE	SE	SE	10.3	43.3	85	47.3	185.9	2		S.-Cu. SE	4	A.-Cu. SE	Cu.
3	SE	Calm	SE	SSE	Calm	Calm	45.6	42.6	55.5	11.9	155.6	10		Cu.-N. S	10		S.-Cu. WSW
4	Calm	Calm	ESE	SSE	SE	Calm	9.4	28.8	47.5	26.2	111.9	9		S.-Cu. SSE	9		Cu.-N. W
5	Calm	Calm	SE	SE	Calm	NW	13.4	43.8	46.2	23.6	127	10		S.-Cu.	1		Cu. W
6	WNW	Calm	NNW	NNW	Calm	Calm	27.6	44.1	65.4	24.9	162	4	A.-Cu. WNW	Cu.	2		Cu. WNW
7	NW	W	NW	SE	Calm	Calm	40.2	38.8	44.3	26.2	149.5	1	Ci.	S.-Cu.	3		Cu. WSW
8	WNW	WNW	Calm	ESE	Calm	Calm	30.4	35.2	48.3	23.6	137.5	1		Cu.	1		Fr.-Cu. WNW
9	W	WNW	NW	NW	WNW	WNW	44.3	38.8	80.5	35.1	198.7	4	Ci. ESE	S.	1	Ci.	S.-Cu.
10	WNW	WNW	NW	Calm	ENE	WNW	42.3	52	34.6	34.1	163	6	Ci. SE	S.	10	Ci.	Cu.-N. ENE
11	NW	NW	S	SE	ESE	Calm	47	37.2	53.9	32.4	170.5	10		Cu.-N. NE	10		N. ENE
12	SE	Calm	E	Calm	Calm	Calm	50.2	61.5	21.5	28.5	161.7	10		N. E	10		Cu.-N. E
13	W	NW	NW	Calm	E	WNW	40.4	37.2	49.6	25.2	152.4	10		N. E	10		Cu.-N. E
14	W	WNW	Calm	Calm	WNW	Calm	42.3	38.8	44.1	23.5	148.7	10	A.-Cu. E	S.-Cu. E	9	A.-Cu.	Cu.-N. E
15	Calm	WNW	Calm	E	E	Calm	30.3	32.4	58.5	19.6	140.8	4	Ci.	Fr.-cu. ENE	10		Cu.-N. ENE
16	NW	WNW	WNW	Calm	Calm	NW	49.3	40.7	22.2	30.3	142.5	10		S.-Cu. E	10		N.-cf. E
17	WNW	Calm	NW	Calm	Calm	WNW	43.5	35.7	24.4	34.3	137.9	10	A.-Cu. E	S.-Cu. ENE	10		S.-Cu. E
18	NNW	Calm	NW	S	Calm	Calm	44	31.4	33.3	23.3	132	10		N. ENE	10		N. NE
19	NW	WNW	WNW	Calm	E	Calm	50.4	38.3	29.3	21.4	139.4	10		N. E	10		N.-cf. SE
20	WNW	Calm	Calm	E	Calm	Calm	32.2	19.9	34.6	13.9	100.6	10		N. SE	10		N. E
21	E	Calm	SE	Calm	ESE	ESE	52.3	42.1	45.1	70.3	209.8	10		N. ENE	10		N.-cf. SE
22	ESE	Calm	Calm	Calm	Calm	Calm	52.1	29.6	62.8	21.4	165.9	10		N. SE	10		N. SE
23	Calm	Calm	Calm	SSE	Calm	Calm	13.1	25.7	64.9	23.3	127	10	Ci.-S. SSE	S.-Cu. ESE	5	Ci. E	Cu. SE
24	NW	NW	Calm	Calm	Calm	Calm	49.7	31.9	33.8	33.2	148.6	9	Ci.-S. SE	S.-cf. E	10	A.-Cu. E	S.-Cu. E
25	NW	NW	NW	NW	NW	NW	47.3	59	58.1	37.5	201.9	10	Ci.-S. ESE	S.-Cu.	10	Ci.-S.	Cu. ENE
26	WNW	WNW	NW	NW	Calm	WNW	56	61.4	59.5	36.5	213.4	10		S.-Cu. N	10	Ci.-S.	Cu. NNE
27	NW	WNW	NW	NW	Calm	NW	55.3	77	66.2	53.7	252.2	10	Ci.-S. SE	S.-Cu.	8	Ci. SSE	Cu. NNE
28	NW	NW	NW	NW	NW	NW	54.5	89.3	69	61.7	274.5	10		S.-Cu. NE	10		N. N, NE
29	NW	NW	NW	WNW	NW	NW	53.3	53.4	88.2	76.1	271	10		N. NNW	10		Cu.-N. NW
Mean							40.1	42.5	50.5	32.6	165.8	8.1			7.9		
Total											4,807.9						

TACLOBAN.

[ϕ=11° 15′ N; λ=125° 00′ E; barometer above sea, 3.4 meters; gravity correction not applied, —1.82 mm.]

MARCH, 1916.

Day.	Atmospheric pressure, 700 mm. +							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a.m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.87	58.21	59.24	57.47	58.69	60.24	58.45	24.8	24.8	25.8	26.2	25.2	24.2	25.2	27.2	22.9	85	83	87	81	87	84	84.5	2.6
2	58.94	58.80	60.53	58.72	58.90	60.72	59.44	24	24	24.5	25.6	24	23.7	24.3	26.3	23	81	83	83	79	85	85	82.7	.1
3	59.33	59.25	60.97	59.18	59.30	60.82	59.81	24.4	24.8	25.9	25.2	24.5	24.4	24.9	26.6	23.1	80	80	85	86	91	91	85.5	61.2
4	60.03	60.64	62.48	59.58	59.52	60.14	60.40	23.5	22	22.5	25.4	24.4	23	23.5	26	21.4	96	96	94	84	93	97	93.3	18.2
5	59.12	59.81	60.85	58.17	58.41	59.40	59.29	23.4	23.5	27	29	25.7	24.7	25.6	30.2	21.9	93	90	81	74	86	94	86.3	11.5
6	57.93	58.04	58.94	56.80	57.47	58.59	57.96	23.9	24	27.9	25.5	25.5	24.5	25.2	29.5	23.2	94	91	78	92	92	96	90.5	1.6
7	57.44	57.91	59.31	56.86	57.32	58.69	57.92	23.5	22.5	28.4	30	26.5	23.4	25.7	30.6	21.7	97	99	75	65	76	92	84	------
8	58.22	58.72	59.82	57.58	58.25	59.73	58.72	24	20.7	28.5	30	27.2	24.2	25.8	31.4	20.1	91	97	76	71	83	91	84.8	------
9	58.94	59.54	60.65	57.69	58.24	59.51	59.10	23.1	23.3	29.3	31	27.7	25.3	26.6	32.8	22.4	96	97	71	68	79	85	82.7	------
10	58.39	58.66	60.06	57.33	57.99	59.31	58.62	24.2	23.9	27.8	27.9	26	25	25.8	29.5	23.2	91	94	76	81	88	95	87.5	1.3
11	58.18	58.31	59.32	57.18	58.18	59.80	58.50	24.5	23.7	28.2	27	25.6	24.9	25.6	29.9	23	96	96	76	88	93	94	90.5	28.7
12	58.28	59.19	60.11	58.14	58.39	60.38	59.08	24.5	24	28.8	28.6	25.8	25.4	26.2	31	23.5	94	96	79	70	88	92	86.5	3.7
13	59.05	59.76	60.71	58.71	59.07	60.80	59.68	24.7	24.4	30	30.7	27.9	25.7	27.2	31.9	23.3	94	97	68	70	71	86	81	------
14	59.22	59.09	59.50	57.61	58.23	59.47	58.85	24.8	23.6	30.5	30.5	26.6	24.9	26.8	31.5	23	92	95	67	56	74	86	78.3	------
15	57.82	58	59.02	57.24	58.10	59.39	58.26	24.9	25	25.5	26	24.5	24	25	26.4	23.1	88	88	88	87	92	90	88.8	8.9
16	57.90	58.79	60.62	57.62	58.22	60.01	58.86	24	24.4	25	28.5	25	24.5	25.2	29.8	23	91	90	87	71	92	96	87.8	40.6
17	58.98	59.66	60.62	58.26	59.13	60.63	59.55	23.4	22.8	28	30.4	26.5	24.4	25.9	31.2	22.1	93	93	77	66	80	88	82.8	------
18	59.46	59.83	60.52	58.19	58.92	60.37	59.55	23.5	22.8	30	28.6	26.4	25.9	26.2	31.5	22.1	96	96	65	66	76	80	79.8	------
19	58.95	59.29	60.07	58.25	58.69	59.40	59.11	25.6	24.5	29.4	27	25.3	24.9	26.1	30.6	23.8	83	86	66	84	86	86	81.8	7.9
20	58.23	59.09	60.41	58.01	58.21	59.87	58.97	25.7	25	29.4	30.5	27.5	24.2	27	31.2	23.6	86	89	75	70	72	91	80.5	------
21	58.63	59.19	60.37	58.44	59.05	60.51	59.36	24.2	24.3	28.4	29.1	27.1	25.7	26.5	30.4	23	93	94	75	68	80	91	83.5	.6
22	59.45	60.07	60.94	59.13	59.37	60.88	59.97	25	25	29.4	30.5	27.5	26	27.2	32	23.9	93	95	79	74	84	88	85.5	------
23	59.98	60.45	61.47	59.43	60.19	61.70	60.54	25.2	25	29.5	31.4	27.4	26.2	27.4	32.8	24	94	95	75	57	74	78	78.8	------
24	61.02	61.54	62.22	59.93	60.81	62.16	61.28	25.1	24.4	28.7	32.2	27.1	25.4	27.2	32.7	23.6	84	95	73	59	78	87	79.3	4.3
25	60.97	61.31	62.02	59.61	60.13	61.68	60.95	24	24.7	25.5	26.5	26.5	25.8	25.5	28	23.8	95	90	91	80	75	78	84.8	10.4
26	60.58	61.22	61.80	59.53	60.21	61.51	60.81	25	24	27.4	30.2	26.8	25.9	26.6	30.8	23.1	85	95	81	69	78	25	82.2	1.9
27	60.08	60.77	61.40	59.60	60.05	61.93	60.64	25.7	24.1	30.6	26	27	25.5	26.5	31.3	23.5	84	92	69	87	78	86	82.7	9.6
28	60.11	60.72	61.11	58.64	59.22	60.57	60.06	24.3	24.1	30.2	31	27	26	27.1	31.8	23.4	94	94	73	68	81	85	82.5	.4
29	59.05	59.36	59.77	57.93	57.97	59.43	58.92	24.6	24.5	30	26.5	26.6	25.7	26.3	31.6	23.7	93	94	71	82	80	89	84.8	1.5
30	58	58.97	59.37	57.18	57.71	58.88	58.35	25.7	24.5	29.7	30.4	27.5	24.6	27.1	32	23.5	86	94	80	69	72	95	82.7	6.2
31	57.44	58.23	58.67	56.36	57.30	58.49	57.75	24.4	24.5	28.5	30.7	27.5	25.5	26.8	32	23.5	93	94	77	70	76	92	83.7	.1
Mean	58.92	59.43	60.42	58.21	58.75	60.16	59.31	24.4	24	28.1	28.6	26.3	25	26.1	30.3	23	90.7	92.5	77.4	73.9	81.9	88.8	84.2	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	221.3

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NW	NW	NW	NW	NW	NW	115.7	98.4	127.3	70.3	411.7	10	----------	Cu.-N. N	10	----------	N. N
2	NW	NW	NW	NE	NW	NW	71.6	71.1	34	42.6	219.3	10	----------	S.-Cu. NNE	10	----------	N. NE
3	NW	NW	E	Calm	Calm	Calm	52.9	26.8	27.2	26	132.9	10	----------	N. NE	10	----------	N. NE
4	Calm	Calm	NW	Calm	NW	Calm	32.7	28.4	32	22.5	115.6	10	----------	N. ENE	10	----------	N. E
5	NW	NW	NW	Calm	Calm	NW	47.3	45.1	28.7	30.1	151.2	10	----------	N. ENE	9	----------	Cu.-N. ENE
6	W	NW	WNW	SSE	Calm	Calm	45.3	54.9	38.4	19.1	157.7	5	A.-Cu. N	S.-Cu. N	10	----------	N. E
7	Calm	Calm	ESE	SSE	SE	Calm	23.5	32.7	76.6	29	161.8	0	----------	Cu.	1	----------	Cu.
8	Calm	Calm	Calm	SSE	SE	Calm	18.7	23.8	75.9	31.4	149.8	6	Ci.-S. ENE	S.-Cu.	1	----------	Cu.
9	Calm	NW	Calm	SE	S	Calm	34.1	32.7	63.4	29.2	159.4	2	Ci.	Cu.	4	Ci. SSE	Cu. E
10	WNW	WNW	NW	NW	WNW	WNW	45.9	30.6	59.3	47.5	183.3	10	Ci.-S. S	S.-Cu.	10	Ci.	Cu.-N. E
11	W	WNW	NW	NW	NW	NW	46.1	32.5	57.1	23.1	158.8	1	----------	S.-Cu.	8	A.-Cu. E	cu.-N. ENE
12	NW	Calm	Calm	E	WNW	Calm	43	23.5	49.9	26.4	142.8	10	A.-Cu. E	S.-Cu. E	9	Ci.-S. SE	Cu.-N. E
13	WNW	Calm	E	SE	ENE	Calm	30.9	34.9	57.6	22.7	146.1	10	Ci.	S.-Cu. ESE	4	----------	Cu. E
14	Calm	WNW	E	E	E	WNW	33.8	47.5	61.7	39.7	182.7	4	Ci. SE	Cu.	10	Ci.-S. SE	Cu. ENE
15	WNW	NW	NW	Calm	NW	NW	78.1	56	48.1	64.6	246.8	10	----------	S.-Cu. NE	10	----------	N.-cf. ENE
16	NW	WNW	Calm	SE	Calm	Calm	55.7	31.1	27.9	23.9	138.6	10	----------	cu.-N. ENE	10	Ci.-S.	Cu.-N. E
17	Calm	Calm	Calm	ESE	ENE	Calm	22.8	28.4	61.8	26.2	139.2	10	----------	N. ENE	10	A.-Cu. SE	Cu.-N. E
18	WNW	Calm	E	E	E	Calm	39.6	32	72.7	19.1	163.4	10	ci.-s. SSW	Cu.	10	Ci.-S. S	Cu.-N. E
19	NW	Calm	E	Calm	ESE	E	32.4	52.6	56	27.1	168.1	10	----------	S.-Cu. E	10	A.-Cu.	Cu.-N. E
20	Calm	Calm	SE	SE	E	Calm	35.6	51.7	88.3	25.4	201	10	A.-Cu. E	S.-Cu. E	5	----------	Cu. E
21	Calm	NW	Calm	E	Calm	Calm	33.2	42.1	37	25.1	137.4	10	----------	S.-Cu. E	10	A.-Cu. ESE	Cu.-N. E
22	WNW	WNW	NW	SSE	SE	Calm	47.7	44.3	77.5	22.2	191.7	10	----------	S.-Cu. E	7	Ci. SW	Cu.-N. E
23	Calm	WNW	Calm	E	E	NW	27.1	34.9	57.9	41.6	161.5	10	Ci.	s.-cu. ENE	3	Ci.	Fr.-Cu. E
24	NW	NW	E	E	ESE	Calm	55.2	46.1	59.3	28.2	188.8	10	ci.-s. SSW	Cu. NE	10	ci.-s. SSW	Cu.-N. E
25	Calm	NW	NW	ESE	Calm	NW	40.2	51.2	40.5	39.7	171.6	10	Ci.-S.	S.-Cu. E	10	----------	N. E
26	NW	WNW	NW	E	E	Calm	52.3	47	51.3	19.6	170.2	10	----------	N. NE	10	----------	Cu.-N. E
27	ENE	Calm	E	E	E	Calm	29.8	46.5	52	23.9	152.2	4	----------	Cu. ENE	10	----------	N. ENE
28	NW	WNW	Calm	E	Calm	Calm	37.6	32	44	21.5	135.1	10	----------	N. E	8	----------	Cu.-N. E
29	Calm	NW	Calm	NW	Calm	Calm	32.5	37.5	47.8	19.6	137.4	4	----------	s.-cu. ENE	9	A.-Cu. E	s.-cu. ENE
30	W	WNW	E	N	E	NW	25.4	33.3	48.8	33.8	141.3	10	Ci.-S.	s.-cu. ENE	10	Ci.-S. S	Cu.-N. E
31	NW	Calm	W	SE	Calm	WNW	51	43.1	38.9	38.8	171.8	10	Ci.-S. SSE	s.-cu. ENE	10	Ci.-S. SE	Cu.-N. N
Mean	------	------	------	------	------	------	43.2	41.7	54.8	31	170.6	8.3	----------	----------	8.3	----------	----------
Total	------	------	------	------	------	------	------	------	------	------	5,289.2	----	----------	----------	----	----------	----------

TACLOBAN.

[$\phi = 11° 15'$ N; $\lambda = 125° 00'$ E; barometer above sea, 3.4 meters; gravity correction not applied, —1.82 mm.]

APRIL, 1916.

Day.	Atmospheric pressure, 700 mm. +							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.29	57.38	58.33	56.02	56.62	58.03	57.28	24.5	24	27.6	30	27	25	26.4	30.5	23	89	91	76	65	77	90	81.3	------
2	56.88	57.86	59.02	56.75	57.69	59.69	57.98	24.8	23.5	29	31.8	28	26.5	27.3	32	22.7	85	92	71	61	80	88	79.5	------
3	58.96	59.78	60.19	58.08	58.57	60.07	59.28	26	25.5	29.4	31.6	27.4	26.2	27.7	33.1	24.9	88	93	72	62	89	94	83	5.1
4	59.28	60.35	60.87	58.50	58.91	60.85	59.79	25.7	25.5	29	31.6	27.9	26.6	27.7	33.3	24.9	94	92	71	59	81	89	81	6.9
5	60.15	60.51	61.51	59.01	59.68	62.16	60.50	25.3	24.5	29	31.7	25.7	26.3	27.1	32.9	23.8	86	92	74	65	89	90	82.7	1.8
6	60.70	61.11	61.92	59.79	60.96	62.37	61.14	25.6	25.4	27.5	29	26.1	25.9	26.6	31	24.3	87	87	78	71	80	85	81.3	.9
7	61.50	61.73	62.27	60.51	61.43	63.57	61.84	25.9	25.3	28	27.5	26.8	25	26.4	30	23.5	81	85	79	81	82	92	83.3	26.9
8	61.74	61.67	61.79	59.26	59.81	61.26	60.92	24.4	24.5	29.2	30.2	27.7	25.4	26.9	32.6	23.6	92	92	76	74	65	84	80.5	6.4
9	60.12	60.82	61.30	59.27	59.83	61.16	60.42	24.5	23.9	26.6	26.9	25.5	24.9	25.4	28.5	23	92	94	84	81	88	91	88.3	8.3
10	59.69	60.33	61.16	59.26	59.75	61.06	60.21	23.8	24.1	28.6	29	27.5	25	26.3	31.6	22.9	97	96	78	71	73	92	84.5	2.7
11	59.53	59.99	60.86	58.40	59.31	60.58	59.78	25	24.5	27.5	28.2	26.7	25	26.2	30.4	23.5	88	91	78	77	81	92	84.5	5.4
12	59.48	59.77	60.58	58.77	59.40	61.22	59.87	25.4	25.1	30.2	29	27	25.8	27.1	31.9	23.7	88	91	74	81	81	89	84	8.4
13	60.01	60.14	60.79	58.55	59.40	60.96	59.98	24.9	24	30.2	31	26.9	26.5	27.2	32.5	23.3	92	95	69	64	74	82	79.3	------
14	59.58	59.77	60.36	58.59	58.71	60.23	59.54	25	24.7	30	29.7	27.9	26.5	27.3	31.7	23.7	88	94	70	72	79	80	80.5	------
15	58.59	58.77	59.24	56.90	57.84	59.34	58.45	25	25.5	29	32	28.3	26	27.6	33.1	24.4	92	88	72	64	75	85	79.3	------
16	57.64	57.55	58.16	55.85	55.82	56.22	56.87	25.8	25.7	28.4	27.7	27	27.6	27	29.3	24.9	90	89	79	87	87	80	85.3	20.5
17	53.12	52.49	52.40	52.15	53.95	55.60	53.28	27.5	26.4	25.9	26	25.4	26.4	26.3	27.9	23.6	78	83	86	85	82	79	82.2	19.8
18	54.47	55.35	56.09	54.30	55.07	56.59	55.31	25.6	26	28.8	29.5	26.7	26	27.1	30.8	24.6	85	84	78	72	80	87	81	.5
19	55.34	55.94	56.94	55	55.95	57.38	56.09	26	26.1	30.5	30.6	28	26	27.9	31.4	24.4	87	87	68	64	80	90	79.3	------
20	56.04	56.67	57.09	54.80	55.30	56.98	56.15	25	25.5	30	31	28.5	25.5	27.6	31.9	23.6	95	93	75	62	73	89	81.2	------
21	55.90	56.48	57.49	55.21	55.65	57.07	56.30	24.9	24	29.4	30.4	29.5	26	27.2	32.1	23.2	92	97	79	66	74	92	83.3	------
22	56.50	56.89	57.62	55.48	56.17	57.51	56.70	24.5	24.5	29.8	31	27.8	26.3	27.3	33.7	23.5	96	96	76	63	84	86	83.5	------
23	56.20	56.83	57.49	55.46	55.56	57.47	56.50	24	24.5	29.8	29.5	27.2	26.8	27	31.5	23.3	94	96	73	77	81	86	84.5	------
24	56.48	57.04	57.56	55.54	56.22	57.62	56.74	25.8	25.5	30.5	31	27.8	26.5	27.8	31.9	24.9	90	94	72	69	82	84	81.8	------
25	56.92	57.32	58.29	56.18	56.94	58.45	57.35	25	24.7	31.5	31.2	28	26	27.7	32.6	23.5	92	94	66	64	83	89	81.3	------
26	56.98	58.33	59.05	57.32	58.32	59.30	58.22	25.2	25.4	29	29	27.8	26.4	27.1	32	24.3	94	93	78	78	84	92	86.5	.6
27	57.46	58.02	59.28	58.18	57.94	60.06	58.49	25.6	25.5	27.2	25.3	24.3	24.5	25.4	27.9	23.5	92	94	90	93	91	96	92.7	11.4
28	58.24	58.44	59.19	56.74	57.56	59.20	58.23	24.3	24.6	29.5	29.8	26	25.4	26.6	31.7	23.3	96	95	76	76	85	92	86.7	2.8
29	57.69	58.04	59.24	57.48	57.57	58.88	58.15	25	24.2	29	28.1	26.5	25.8	26.4	31.7	22.8	94	94	78	81	91	93	88.5	------
30	57.62	58.46	59.30	57.25	58	59.35	58.33	25.1	24.8	29.9	32	27.5	26	27.6	32.2	23.9	91	93	75	65	75	90	81.5	------
Mean	58	58.46	59.18	57.15	57.80	59.34	58.32	25.2	24.9	29	29.7	27.1	25.9	27	31.5	23.8	90.2	91.8	75.7	71.7	80.9	88.3	83.1	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	128.4

Day.	Wind.											Clouds.					
	Direction.						Total movements in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10.*			*0–10.*		
1	WNW	NW	NNW	WNW	W	W	55.3	46.9	60.7	38	200.9	10		S.-Cu.	10	Ci.-S. SSE	Fr.-Cu.NE
2	NW	Calm	NW	NW	Calm	Calm	58.4	46.1	56.8	28.7	190	10	Ci.-S. E	Cu.	9	Ci.-S. E	Cu. N
3	NNW	Calm	NW	NW	Calm	Calm	45.4	58.5	38.6	13.1	155.6	10	Ci.,Ci.-S. E	Cu. NW	10	Ci.-S. E	Fr.-Cu.NE
4	Calm	NW	NW	NW	SSE	NNW	25.9	65	51.2	25.1	167.2	10	Ci.-S.	Cu. NW	8	Ci.	Cu.-N. NE
5	NW	WNW	NW	SE	NW	WNW	45.7	41.2	54.5	32.4	173.8	3	Ci. SE	Cu.	4		Cu.N. N
6	NW	NW	NW	E	ESE	Calm	46.9	62.5	40.5	21.7	171.6	9	Ci.-S.	S.-Cu. ENE	10		Cu.-N.ENE
7	NW	WNW	Calm	E	E	NE	43.8	31.7	45.4	42.1	163	10		Cu.-N. ENE	10		N. ENE
8	W	WNW	N	SE	E	Calm	43	34.8	67.9	31.9	177.6	10		Cu.-N. NE	7	A.-Cu. E	Cu. ENE
9	W	Calm	SSE	E	Calm	W	38.1	25.9	42.4	19.9	126.3	10		N. E	10		Cu.-N. E
10	Calm	WNW	Calm	SE	E	Calm	38.3	51.2	58.9	23.9	172.3	7	Ci. SSW	Cu. E	8		N. E
11	Calm	E	Calm	E	ESE	Calm	23.5	31.7	45.4	21.2	121.8	10		S.-Cu. E	10		N. E
12	NW	Calm	E	Calm	E	Calm	25.4	32.8	56.3	34.8	149.3	10		N. E	10	Ci.	Cu.-N. E
13	Calm	Calm	Calm	ESE	Calm	Calm	17.2	29	46.7	26.4	119.3	7		S.-Cu. E	9	Ci.-S.	Cu.-N. E
14	Calm	Calm	SE	SE	S	NNW	30.3	40.5	76.7	30.6	178.1	10	Ci.-S.	Cu. E	9		Cu.-N. E
15	WNW	NW	E	E	Calm	NW	37.5	40.2	48.1	40.4	166.2	10	Ci.-S.	S.-Cu. ENE	10	Ci.-S.	Cu.-N. E
16	NW	NW	NW	NW	NW	NW	66.8	83.4	89.8	117.8	357.8	10	Ci.-S. E	S.-Cu. NW	10		N. NE
17	NW	NW	WNW	WNW	W	W	225.3	214	163.6	118.1	721	10		N. NNW	10		N. WNW
18	Calm	WNW	ESE	WNW	WNW	Calm	63	40.4	85.1	42.3	230.8	10		N.-cf. W	10	A.-Cu.NW	Cu.-N. W
19	WNW	Calm	WNW	NW	NW	WNW	45.1	67.4	116.9	36.2	265.6	10		S.-Cu.WNW	4		Cu. W
20	Calm	W	NW	NW	WNW	Calm	26.6	45.4	71	29.2	172.2	10	A.-Cu.WNW	S.-Cu. W	10	Ci.-S. SE	Cu.-N. W
21	Calm	Calm	ESE	NW	NW	Calm	18	29	57.6	15.9	120.5	7	Ci.,Ci.-S. S	S.-Cu.	10	Ci.	Cu.-N. W
22	Calm	Calm	ESE	NW	Calm	Calm	23.6	32.4	39.9	19.8	115.7	3	Ci.,A.-Cu.s	S.-Cu.	8	Ci.	Cu.-N. W
23	N	Calm	SE	Calm	ESE	Calm	18.7	41.5	66.2	36.5	162.9	2	Ci.	Cu.	5		Cu.-N.SW
24	Calm	Calm	SSE	SE	SSE	E	23.1	46.5	84.7	40.2	194.5	8	ci.,A.-cu. s	Cu.-N.	4	Ci.-S.	Cu.-N.
25	Calm	WNW	E	SSE	Calm	Calm	28.7	35.1	71.8	23.5	159.1	0		Cu.	2	Ci.	Cu.
26	Calm	Calm	NW	SSE	NW	NW	31.9	33.5	42.1	42.4	149.9	10	Ci.-S. SW	S.-Cu. E	10	Ci.	Cu.-N. NE
27	NW	WNW	Calm	Calm	Calm	Calm	47.2	48.3	33.3	22.3	151.1	10	Ci.-S.	S.-Cu.	10		N. E
28	Calm	NW	NW	SSE	WNW	WNW	25.7	48	47.3	44.5	165.5	10	A.-Cu. S	S.-Cu.	10	A.-Cu. SSE	Cu.-N. E
29	W	Calm	Calm	Calm	Calm	WNW	23.5	31.7	35.9	31.7	122.8	10	A.-Cu.	S.-Cu. E	10		Cu.-N. E
30	NW	WNW	NW	SE	ESE	WNW	51.5	59	41.5	32.5	184.5	9	A.-Cu. ESE	S.-Cu.	10	Ci.-S. S	Cu.-N.NE
Mean	------	------	------	------	------	------	43.1	49.8	61.2	36.1	190.2	8.5	------	------	8.6	------	------
Total	------	------	------	------	------	------	------	------	------	------	5,706.9	----	------	------	----	------	------

TACLOBAN.

[$\phi = 11° 15'$ N; $\lambda = 125° 00'$ E; barometer above sea, 3.4 meters; gravity correction not applied, —1.82 mm.]

MAY, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.60	58.57	59.07	56.55	57.13	57.84	57.79	25	25	25.9	29.8	26	26.1	26.3	30	23.2	92	94	81	70	90	87	85.7	9.5
2	56.57	56.84	57.19	55.04	54.43	55.99	56.01	25.9	25	24.8	24	25.5	26	25.2	26	22.9	88	95	90	97	91	90	91.8	131
3	53.90	54.35	54.71	53.91	55.02	57	54.82	25.3	25.5	28.7	26	25.9	25.4	26.1	29.1	24.5	96	96	85	96	96	93	93.7	36.1
4	55.98	56.78	57.87	55.50	57.05	58.45	56.94	25.2	25	28.9	29.6	25.5	25.2	26.6	31.3	23.5	93	96	82	78	96	94	89.8	21.1
5	56.69	56.44	57.47	56.45	57.19	58.15	57.06	24.7	24.4	27.9	23.7	24.5	23.5	24.8	28.6	22.3	97	97	81	94	91	96	92.7	29
6	57.30	57.36	58.19	55.56	56.43	58.01	57.14	23.7	24.1	27.5	29.1	27	25.5	26.2	31.4	22.9	97	94	84	81	90	96	90.3	11.8
7	56.87	57.24	57.85	56.66	57.33	58.60	57.42	24.5	24	28.7	27.1	26.6	25	26	30.3	22.7	96	96	85	87	89	94	91.2	29.5
8	57.69	58.96	59.45	57.56	58.64	59.78	58.68	24	23.7	27.3	28.5	25.6	25.5	25.8	29.6	23	95	97	78	77	84	86	86.2	.1
9	58.83	59.61	60.16	58.62	59.02	60.42	59.44	24.6	24.2	27.7	28.6	27.2	25	26.2	31.2	23.1	93	96	82	83	87	96	89.5	------
10	58.77	59.24	59.81	57.63	58.03	59.47	58.82	24	24.5	30	31.3	27.4	25.7	27.2	31.7	23.1	96	97	71	64	77	89	82.3	------
11	57.99	59.18	59.32	56.65	57.14	58.89	58.20	24.5	24	30.7	31	28	25.4	27.3	31.8	23.1	96	96	70	65	81	92	83.3	2.5
12	57.87	58.72	59.25	57.30	57.77	59.17	58.35	24.9	25.4	30	28.5	28.3	25.9	27.2	33.1	24	92	93	75	83	78	85	84.3	2.8
13	57.75	58.39	58.49	55.87	57.30	58.46	57.71	24.7	24.3	31	31	27.5	24.8	27.2	32.6	23.2	94	96	71	75	85	93	85.7	1.5
14	57.38	57.98	57.95	55.46	56.37	57.75	57.15	23.9	24.9	28.5	29.9	28	25.5	26.8	30.5	23.1	96	96	80	76	74	94	86	------
15	56.84	57.77	58	56.16	56.41	58.18	57.23	25	24.4	29	30	27.5	26.7	27.1	31.2	23.5	95	95	78	75	78	83	84	------
16	57.84	58.48	60.04	57.84	58.80	60.34	58.89	25.2	25	29.3	31	27.4	26.3	27.4	31.6	24	93	92	77	69	83	90	84	------
17	59.17	59.43	60.25	58.18	59.02	60.50	59.42	25	25	31.1	31.5	27.5	26.8	27.8	32.3	23.6	93	96	68	69	77	84	81.2	------
18	58.66	59.41	59.52	57.10	57.56	58.83	58.51	24.7	24	27	31.5	26.5	25.5	26.5	32.1	22.9	91	95	84	69	88	89	86	15.2
19	57.84	58.09	58.79	57.39	57.86	58.82	58.05	25.2	24.1	29.6	31	27.1	26.5	27.2	31.8	22.9	92	97	77	71	83	88	84.7	.1
20	57.94	58.23	59.15	57.35	57.86	58.96	58.25	25.2	25.2	30.5	29.5	28	26.5	27.5	31.7	24.4	94	95	71	72	80	91	83.8	------
21	57.94	58.23	58.56	57	56.92	57.88	57.76	25	24.8	30.5	31	28	25.7	27.5	31.5	23.7	96	97	72	69	77	90	83.5	1.2
22	57.33	57.70	58.19	56.13	57.92	58.70	57.66	24.5	24.7	30.4	31.7	25.9	25.3	27.1	32.2	23.4	96	94	74	71	85	91	85.2	3
23	57.27	57.81	57.95	56.23	56.92	57.83	57.34	24.7	24.6	30.4	32	26.6	25.7	27.3	33	23.7	94	95	76	69	87	94	85.8	12.1
24	56.74	57.68	58.03	57.03	57.06	58.14	57.45	25	25.4	27	27	26.5	25.7	26.1	30.9	24.5	96	97	88	84	88	94	91.2	7.7
25	56.70	57.23	57.34	55.86	56.32	56.97	56.74	25.6	25.8	30.2	30	27.5	27	27.7	33	24.5	95	95	77	75	88	90	86.7	1.1
26	55.09	55.53	56.73	55.86	56.31	57.92	56.24	26.5	26.6	26	28	27	26.9	26.8	28.4	24.3	92	94	94	82	84	88	89	20.5
27	57.22	57.26	57.76	55.44	55.81	57.57	56.84	24.2	24.5	29.4	30.6	27.8	26	27.1	31	23.5	97	97	78	71	86	95	87.3	------
28	56.04	56.63	57.47	55.79	56.17	57.80	56.65	25.5	24.5	31.3	26.5	27.1	25.5	26.7	32.5	23.5	96	97	73	84	87	96	88.8	------
29	55.56	56.87	57.45	55.43	56.30	57.86	56.74	25.4	24.7	29.8	30.5	28	26	27.4	32.7	23.8	95	97	73	74	85	92	86	------
30	56.84	57.97	58.49	56.21	57.11	58.56	57.53	25.4	25.5	30.5	32.7	28	26.3	28.1	33.1	23.9	95	96	67	59	79	90	81	4.3
31	57.59	57.99	58.42	56.75	57.45	58.80	57.83	25.5	25	29.7	31	28	25.8	27.5	32.1	23.5	92	95	73	65	77	90	82	------
Mean	57.25	57.81	58.35	56.47	57.10	58.44	57.57	24.9	24.8	29	29.5	27	25.8	26.8	31.2	23.5	94.3	95.6	77.9	75.9	84.5	91	86.5	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	340.1

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	WNW	WNW	NW	NW	WNW	NW	46.7	57.4	69	57.1	230.2	10	Ci.-S.	Cu.-N. NE	10	Ci.-S.	Cu.-N. E
2	NW	NW	WNW	NW	NW	NW	66.6	96.8	100	108.3	371.7	10	----------	Fr.-N. NNE	10	----------	N. N
3	WNW	WNW	NW	SSE	SE	ESE	73	94.3	103.6	81	351.9	10	----------	N. N	10	----------	N. S
4	SE	SE	S	Calm	Calm	Calm	59.3	50.1	35.4	39.2	184	10	A.-Cu. S	S.-Cu. SE	9	A.-Cu. S	Cu.-N. SE
5	W	Calm	NW	Calm	NW	Calm	29.2	37	46.4	41.8	154.4	10	A.-Cu.	S.-Cu.	10	----------	N. SE
6	Calm	Calm	Calm	Calm	E	Calm	18.7	30.6	41.6	13.9	104.8	10	----------	N.-cf. ESE	8	A.-Cu. E	Cu.-N.
7	Calm	Calm	E	Calm	Calm	Calm	9.4	29.2	29	14.7	82.3	10	----------	s.-Cu. ESE	10	----------	N. E
8	SW	Calm	NW	Calm	Calm	Calm	34.8	35.6	39.2	13.4	123	10	----------	N. E	10	Ci.-S. SE	Cu.-N.
9	Calm	Calm	Calm	E	Calm	Calm	7.7	30.1	32.4	17.2	87.4	10	Ci. S	s.-Cu. ESE	10	----------	Cu.-N. E
10	Calm	Calm	S	ESE	SE	W	24.1	39.6	51.3	27.6	142.6	4	----------	S.-Cu. E	4	----------	Cu.-N. E
11	Calm	Calm	Calm	SE	SSE	Calm	22.8	35.6	65	46.9	170.3	8	----------	Cu. E	8	Ci.	Cu.
12	Calm	Calm	Calm	SSW	Calm	Calm	19.9	30.6	48.9	15.6	115	10	----------	S.-Cu. NW	10	----------	cu.-N. NW
13	WNW	Calm	Calm	S	SE	SSE	23	22.2	48.5	25.7	119.4	8	Ci. E	Cu.-N.	8	Ci.	Cu.-N. WNW
14	Calm	Calm	E	Calm	NW	Calm	10.8	21.1	32.5	15	79.4	10	----------	S.-Cu. NW	10	----------	Cu.-N.
15	SE	SSE	SSE	SSE	SE	SE	29.8	66.8	80.3	48.1	225	10	----------	Cu.-N. SE	10	Ci.-S. N	cu.-N. ESE
16	Calm	Calm	SE	SE	Calm	Calm	13.2	31.2	61.7	21.7	127.8	10	A.-Cu. NW	S.-Cu.	5	Ci. E	Cu.-N.
17	WNW	NW	Calm	S	ESE	E	31.7	45.3	56	43.8	176.8	4	A.-Cu. E	Cu.-N.	9	----------	Cu.-N. E
18	Calm	Calm	Calm	S	SE	Calm	9.1	29.3	54.1	26.9	119.4	10	Ci.-S. SSW	Cu.	10	A.-Cu. SW	Cu.-N. SE
19	Calm	Calm	SSE	SE	SE	SE	23	41.6	59.3	31.7	155.6	10	A.-Cu.	S.-Cu. SE	10	----------	Cu.-N. SE
20	Calm	NW	SSE	SSE	SE	Calm	26.8	45.6	67.1	32.2	171.7	1	----------	Cu.	7	----------	cu.-N. ESE
21	Calm	Calm	SE	SSE	SE	W	30	40.2	80.5	32.8	183.5	3	Ci. NNE	S.-Cu. E	9	Ci.-S.	Cu.-N. E
22	Calm	NW	NE	SE	Calm	NW	23.1	34.1	33.8	25.4	116.4	5	Ci.-S. NW	S.-Cu.	10	Ci.	Cu.-N. E
23	Calm	WNW	E	SE	Calm	Calm	33.6	40	58.4	17.9	149.9	5	A.-Cu. E	S.-Cu. E	5	Ci.	Cu.-N. E
24	Calm	NW	Calm	WNW	NW	W	34	36.4	45.3	53.9	169.6	9	Ci.-S. SSE	S.-Cu. E	10	----------	N.
25	W	WNW	NW	Calm	WNW	NW	46.5	45.1	37.2	58.1	186.9	3	----------	S.-Cu. NE	10	----------	Cu.-N. NE
26	NW	NE	SE	SE	SE	SE	71.1	103.5	96.3	93.3	364.2	10	----------	N. E	10	A.-Cu. S	Cu.-N. SE
27	SE	Calm	SE	SSE	SE	Calm	50.9	54.5	69.7	16.3	191.4	10	----------	N. SE	9	Ci.-S. NNE	Cu.-N. SE
28	WNW	Calm	Calm	Calm	NW	Calm	18.8	30.4	40.8	21.5	111.5	3	Ci.	Cu.-N.	10	----------	cu.-N. NW
29	Calm	Calm	SE	SE	Calm	Calm	13.7	31.9	64.9	13.5	124	10	Ci.-S. WSW	Cu. ENE	10	ci.,ci.-s.SW	Cu.-N. E
30	WNW	Calm	ESE	SE	Calm	Calm	19.3	25.7	49.1	15	109.1	10	Ci.-S.	s.-Cu. ENE	7	----------	Cu.-N. W
31	Calm	WNW	ESE	SE	Calm	Calm	19.9	33.3	73.7	23	149.9	10	ci., ci.-s. N	Cu.	7	Ci. NE	Cu.-N.
Mean	------	------	------	------	------	------	30.3	43.4	57.1	35.2	166.1	8	----------	----------	8.7	----------	----------
Total	------	------	------	------	------	------	-----	-----	-----	-----	5,149.1	----	----------	----------	----	----------	----------

TACLOBAN.

[ϕ=11° 15′ N; λ=125° 00′ E; barometer above sea, 3.4 meters; gravity correction not applied, —1.82 mm.]

JUNE, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.64	57.83	58.39	56.34	56.78	58.37	57.56	25.6	25	30.2	32.2	27.4	24.8	27.5	33.1	24	93	92	68	61	80	93	81.2	------
2	57.49	57.17	57.59	55.30	55.39	57.60	56.76	23.7	24.8	30.3	32	27.8	25.5	27.4	32.5	23	95	97	64	60	75	88	79.8	------
3	56.99	57.10	57.39	55.74	56.29	58.22	56.96	24.7	25.5	30	32	28	27.3	27.9	32.9	24	94	96	75	63	74	86	81.3	------
4	56.95	57.09	57.28	55.98	56.57	57.93	56.97	25.7	25.6	31	29	27.3	26	27.4	32.7	24.2	94	95	69	74	82	92	84.3	------
5	56.71	57.27	57.32	55.65	55.75	57.21	56.65	25	25.5	31	29.5	28	26.5	27.6	33.5	24	96	96	65	78	81	92	84.7	------
6	56.37	56.14	56.99	54.90	55.31	56.57	56.05	25.7	25.2	27.7	30	27.5	25.5	26.9	30.6	24.4	94	97	83	75	82	89	86.7	------
7	56.18	56.37	57.07	54.92	55.70	56.76	56.17	26	25.3	31	31.8	28	26.6	28.1	32.7	24.4	89	89	69	58	79	90	79	2
8	55.53	55.58	56.25	54.85	55.37	56.55	55.69	26.2	25.6	31.2	28.5	27.1	26.3	27.5	31.7	24.5	90	95	68	78	87	93	85.2	6.2
9	55.54	56.10	56.39	54.70	55.84	56.91	55.91	25.3	25.5	29.7	30	25	24.9	26.7	31.1	24.3	95	96	77	71	92	94	87.5	26.6
10	55.36	56.22	56.72	55.12	55.75	56.42	55.93	25.5	25.6	30	31.8	27.3	26.8	27.8	32.1	24.5	94	91	74	67	87	90	83.8	15.5
11	55.42	56.35	56.39	54.44	55.07	56.16	55.64	24.6	25	30	26.8	27.5	26.4	26.7	31.3	23.6	98	97	78	90	91	90	90.7	17.7
12	54.87	55.39	55.51	53.55	54.25	55.37	54.82	25.4	25	29	29	28.1	26.7	27.2	31.4	23.9	92	92	81	78	79	90	85.3	------
13	54.05	54.89	54.59	53.69	54.78	56.19	54.70	26	25.6	29.9	32	28.3	24.6	27.7	33.2	23.5	90	95	71	58	81	91	81	9.5
14	55.78	55.53	56.62	55.27	55.77	56.90	55.98	24.4	24.8	29	29.8	28.5	27	27.2	31.5	23.5	91	95	81	78	78	92	85.8	------
15	55.53	56.15	56.47	54.93	55.50	56.66	55.87	25.6	26	30.8	32.2	29.5	26.3	28.4	33	24	95	95	73	65	79	94	83.5	------
16	55.48	55.60	56.23	54.28	54.87	56.74	55.53	25.9	25.4	30.5	31.6	29	28.5	28.5	32.9	24.5	93	97	72	65	79	85	81.8	------
17	55.47	55.94	56.54	54.64	55.71	56.98	55.88	27	26.3	29.5	29.7	28.4	25.9	27.8	33	24.6	86	94	79	71	79	93	83.7	------
18	55.77	56.95	56.81	55.41	57.02	57.85	56.64	25.4	25.6	30.6	28.9	24.8	24.1	26.6	32.5	23.4	93	95	69	71	93	96	86.2	33.8
19	56.84	56.61	57.89	56.75	56.78	58.27	57.19	23.5	25	27	29	27.7	25.8	26.3	29.2	22.9	96	95	88	78	85	88	88.3	------
20	57.21	57.77	58.12	56.54	56.68	57.78	57.35	25	24.7	29	29.5	27.3	25.5	26.8	30.3	23.7	95	94	78	75	85	93	86.7	------
21	56.77	57.37	57.51	56.87	57.09	58.33	57.32	25.5	25	30	23.7	25	24.5	25.6	32.5	23	94	96	75	85	92	94	89.3	25.6
22	57.32	58.10	58.73	57.02	58.25	60.05	58.24	24.7	24	28	27	25.2	24.5	25.6	31.3	23	94	95	77	84	90	92	88.7	3.7
23	58.29	58.65	59.48	58.44	57.93	59.41	58.70	24.2	23.5	28.7	29.2	27	24.5	26.2	31.4	22.9	94	97	76	70	86	94	86.2	------
24	58.60	59.19	59.87	58.18	58.90	60.46	59.20	24.9	25	30.2	31	27.9	26.9	27.6	32.6	23.6	96	96	70	71	79	85	82.8	.3
25	59.13	60.20	60.41	58.65	59.36	60.81	59.76	25.2	25.5	30.5	31.7	27.5	27.2	27.9	32.2	24.5	94	96	72	62	84	87	82.5	------
26	59.37	59.38	60.04	58.32	58.81	60.27	59.36	25.2	25.5	30.7	28.5	27.3	25.6	27.1	32.4	24.7	94	96	72	78	84	93	86.2	------
27	59.10	59.33	59.61	57.95	58.41	59.27	58.93	25.1	24.6	29.5	30.2	26.5	25	26.8	31.6	23	92	95	77	70	84	92	85	------
28	58.59	59.18	59.59	58.07	58.94	60.16	59.09	24	25	28.7	28.1	24.5	24.5	25.8	29.1	23	96	92	75	84	93	92	88.7	7.7
29	58.60	59.03	59.57	58.43	58.64	60.11	59.06	24	24.8	29	26	24	23.8	25.3	30.3	23	96	93	79	89	91	97	90.8	24.1
30	59.14	59.45	59.05	57.01	58.44	59.53	58.77	23.6	24	28.7	31	25.5	24.5	26.2	32.2	22.2	98	96	77	69	84	92	86	------
Mean	56.87	57.26	57.68	56.06	56.66	57.99	57.09	25.1	25.1	29.7	29.7	27.1	25.7	27.1	31.9	23.7	93.7	94.8	74.4	72.5	83.8	91.2	85.1	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	172.7

Day.	Wind.											Clouds.				
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.	
												Amount.	Form and direction.		Amount.	Form and direction.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	WNW	Calm	ESE	ESE	Calm	Calm	37.8	26.9	46.4	16.7	127.8	7	Ci. NNE	Cu.	10	Ci.-S. NE	Cu. N
2	Calm	WNW	ESE	SSE	Calm	Calm	12.1	33.6	61	19.9	126.6	2	----------	S.-Cu. NNW	1	----------	Cu.-N.
3	Calm	Calm	E	SE	SE	SE	19.3	33.6	62.2	24.9	140	10	Ci.-S.NNE	Cu.	3	Ci. NE	Cu.-N.
4	Calm	W	ESE	SE	Calm	W	21.5	41	42	15	119.5	6	Ci.-S.	Cu. SE	10	Ci.-S.	Cu.-N.ENE
5	Calm	Calm	Calm	E	Calm	WNW	19.3	26.9	36	22.3	104.9	10	Ci.	S. Cu. ESE	10	----------	Cu.-N. E
6	WNW	Calm	Calm	Calm	S	SSE	36.7	23.3	38.6	22.3	120.9	10	Ci.	Cu.-N. E	10	----------	Cu.-N. SE
7	E	Calm	E	SE	E	Calm	32.4	34	56.5	24.1	147	3	Ci.	Cu.	2	----------	Cu.-N.
8	Calm	Calm	SE	Calm	Calm	Calm	22.3	37.3	30.6	15.9	106.1	10	Ci.-S.	N. ESE	10	----------	Cu.-N. ESE
9	W	Calm	SE	S	Calm	S	25.7	38.6	63.3	47.7	175.3	10	Ci.-S.	N. E	10	Ci.-S. E	Cu.-N.
10	Calm	NW	ESE	ESE	Calm	Calm	29.5	33.3	40	20.1	122.9	10	Ci. W	Cu.-N. ESE	10	Ci.-S.	Cu.-N.
11	Calm	Calm	ESE	Calm	Calm	Calm	12.7	30.1	25.9	26.2	94.9	9	A.-Cu.	Cu.-N. SE	10	----------	N. SW
12	Calm	Calm	Calm	SE	SE	Calm	28	24.6	63.8	41.3	157.7	10	----------	Cu.-N.	10	Ci.-S.	N. SW
13	Calm	Calm	E	SW	Calm	Calm	21.1	45.9	44.3	48.9	160.2	10	----------	N. WSW	10	Ci.-S. NNW	Cu.-N.WSW
14	Calm	Calm	SSE	SE	Calm	Calm	10.5	32.8	52.6	11.9	107.8	10	----------	N.	10	----------	S.-Cu. SW
15	Calm	Calm	ESE	S	Calm	Calm	11.6	27.2	48.8	12.4	100	10	A.-Cu. NE	S.-Cu.	10	Ci.	Cu.-N.SW
16	WNW	Calm	ESE	ESE	SE	SE	17.9	44.1	56.9	62.8	181.7	10	Ci.-S. E	Cu.	10	A.-Cu. ENE	Cu.
17	Calm	WNW	NW	NW	Calm	Calm	21.4	43.8	40.8	15.8	121.8	10	Ci.	Cu.-N. E	10	----------	Cu.-N.NW
18	Calm	NW	Calm	Calm	WNW	Calm	18.5	37.5	28	18.5	102.5	10	----------	Cu.-N. ENE	10	----------	N.,Cu.-N.ENE
19	Calm	NW	Calm	SE	Calm	Calm	24.4	23	26.2	11.9	85.5	10	----------	S.-Cu. NE	10	----------	Cu.-N. SW
20	Calm	Calm	Calm	ESE	S	Calm	15.9	21.4	37	14.2	88.5	10	----------	S.-Cu. WSW	10	----------	S.-Cu. W
21	Calm	Calm	Calm	N	Calm	Calm	21.9	25.9	31.6	17.5	96.9	10	----------	S.-Cu. W	10	----------	N. W
22	Calm	Calm	ESE	NW	Calm	NW	17.2	32	57.3	24.3	130.8	10	----------	Cu.-N.WNW	10	----------	N. WNW
23	Calm	Calm	Calm	SE	Calm	Calm	11.5	18.8	28.7	24.7	83.7	10	A.-Cu.SSE	S.-Cu. SSE	10	A.-Cu. NE	Cu.-N. E
24	W	NW	Calm	SE	SE	SE	35.7	33.6	63.3	36.5	169.1	1	Ci.	Cu. NW	10	----------	Cu.-N. E
25	Calm	WNW	SE	S	Calm	ESE	21.5	43	64.9	21.7	151.1	3	Ci.	Cu.-N. SE	1	Ci.	Cu.-N.
26	Calm	W	ESE	ESE	Calm	Calm	14.8	44.6	49.9	16.1	125.4	10	Ci.	S.-Cu. SSE	10	----------	Cu.-N.
27	Calm	Calm	E	SSE	NW	WNW	9.7	28.4	43.8	35.6	117.5	10	Ci.-S.	S.-Cu. SE	10	----------	Cu.-N. SE
28	Calm	WNW	Calm	Calm	Calm	Calm	23.9	29.5	17.1	16.7	87.2	10	A.-Cu. ESE	Cu.-N. NW	10	----------	N. SE
29	Calm	NW	Calm	Calm	Calm	Calm	33.3	28	43.1	22.7	127.1	10	Ci.-S. ENE	Cu.-N.	10	----------	N. E
30	Calm	Calm	Calm	Calm	Calm	Calm	13.5	30	30.4	14	87.9	10	A.-Cu. E	S.-Cu. S	6	Ci.-S. NE	Cu.-N.
Mean	------	------	------	------	------	------	21.4	32.4	44.4	24.1	122.3	8.7	----------	----------	8.8	----------	----------
Total	------	------	------	------	------	------	-----	-----	-----	-----	3,668.3	-----	----------	----------	----	----------	----------

TACLOBAN.

[$\phi = 11° 15'$ N; $\lambda = 125° 00'$ E; barometer above sea, 3.4 meters; gravity correction not applied, —1.82 mm.]

JULY, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1	57.74	58.10	58.27	56.50	57.03	58.54	57.70	24.5	24	29.5	30	25.4	24.7	26.4	31	22.5	91	95	69	71	85	94	84.2	3.7
2	57.34	58.04	58.65	57.09	57.53	58.50	57.86	24.2	24.4	26.5	27.5	26.8	25	25.7	29.8	22.5	97	95	85	78	84	95	89	1.6
3	57.23	57.66	58.21	56.53	57.13	58.75	57.58	24.9	25	24.7	26.5	25.7	26.1	25.5	26.9	23.5	93	96	94	86	86	87	90.3	18.4
4	57.44	58.19	58.85	57.99	58.64	59.56	58.44	24.1	24.2	28.1	28.5	24.8	24.3	25.7	30.5	23.2	95	93	73	78	93	95	87.8	3.8
5	58.79	59.30	59	58.29	58.65	60.02	59.01	24.0	24.5	28	29	27.5	25.5	26.4	29.8	23.2	96	96	79	78	83	96	88	------
6	58.90	59.25	60.17	58.39	59.16	60.63	59.42	24.6	25	29.7	28.2	26.4	25.5	26.6	32	23.7	95	95	77	80	90	93	88.3	.3
7	58.83	59.29	59.85	58.05	58.51	59.85	59.06	24.4	24.5	29	30.8	27.5	24.9	26.8	32.4	22.7	97	97	74	72	84	92	86	------
8	58.43	58.64	59.02	57.29	57.77	59.07	58.37	25	24.6	30.9	30.8	27.5	24.7	27.2	32.4	23.2	95	97	71	67	82	94	84.3	------
9	57.92	58.85	59.15	57.58	57.90	59.02	58.40	26	25.3	30.5	31.5	28	26.2	27.9	32.6	24	90	94	75	69	85	90	83.8	------
10	57.97	58.78	59.35	58.25	58.43	59.53	58.72	25	25.1	29	29.2	27.7	26	27	31.7	24.4	96	98	78	73	90	89	87.3	11.3
11	58.44	58.87	59.57	57.90	58.76	59.60	58.86	25	24.5	29.2	30.9	27.8	26.5	27.3	31.5	23.4	95	96	76	65	82	88	83.7	------
12	58.38	58.74	59.15	57.80	58.30	59.65	58.67	25.5	26	30.9	31.7	26.3	25.7	27.7	32.2	24.5	94	92	69	65	90	93	83.8	3.2
13	58.74	59.03	58.82	58.08	58.27	59.62	58.76	25.3	25.2	29.8	26.7	26.5	25.4	26.5	31.4	24.1	96	97	79	90	92	88	90.3	38.3
14	58.97	58.18	59.40	58.53	58.55	59.67	58.88	24	23.5	28.2	30	28	26.8	26.8	31	22.6	96	94	80	71	77	86	84	------
15	58.86	58.62	58.70	56.81	56.84	58.67	58.08	25.1	25.1	30.4	30.3	27	26.4	27.4	32.9	23.9	95	95	66	71	87	94	84.7	1.7
16	57.29	57.23	57.78	56.02	56.36	57.94	57.10	25.5	25.5	27.5	30.2	26.4	25.4	26.8	30.6	24.3	89	88	84	70	89	93	85.5	4.6
17	57.07	56.82	57.51	56.17	56.46	57.63	56.94	24.6	24.5	29.5	28.4	27.5	26	26.8	31.1	23.8	95	96	77	78	88	92	87.7	7.1
18	57.21	57.82	58.02	56.50	57.22	58.57	57.56	24.6	24	23	28.6	27.5	25.9	26.4	29	23.2	96	95	85	77	82	88	87.2	.2
19	57.23	57.52	58.07	56.29	56.44	58.21	57.29	24.5	25	30.6	28.5	26.2	25.8	26.8	32.1	23.7	96	94	72	81	94	93	88.3	------
20	57.17	57.27	57.47	55.90	57.49	58.09	57.23	25.3	24.5	30.5	29.5	26.7	25.4	27	31.9	23.8	96	96	72	77	88	92	86.8	------
21	57.07	57.49	57.80	55.88	56.61	57.36	57.04	24.5	23.9	30.3	33	27.5	25	27.4	33.2	23.2	97	96	76	61	89	95	85.7	5.7
22	56.17	56.67	57.24	56.47	56.52	57.03	56.68	24.9	25.4	28.8	26.1	27	25	26.2	31.9	23.7	97	95	82	85	88	96	90.5	7.3
23	55.94	56.28	56.44	54.90	55.52	56.83	55.98	24.5	24.8	30.5	30.3	29.2	26	27.6	32.3	23.3	96	98	70	78	83	94	86.5	4.7
24	55.96	56.20	56.44	55.45	55.84	57.87	56.29	26	25.5	30.2	31	28.6	26.5	28	33.5	24	95	92	73	75	85	88	84.7	.5
25	56.63	57.47	57.37	56.40	56.50	58.12	57.08	25.5	25.3	30.4	30.3	28	25.5	27.5	32.6	24.4	88	93	76	73	88	94	85.3	------
26	57.14	57.37	57.38	55.74	55.94	57.74	56.88	24.8	25.2	30.5	32.6	29.5	27.6	28.4	33	23.4	93	95	75	63	77	89	82	------
27	57.02	56.79	57	55.72	56.22	57.36	56.68	26.5	25.3	31	33	28.5	25.5	28.3	33.7	24.1	91	93	68	64	81	94	81.8	------
28	56.63	56.45	57.72	55.78	56.55	57.52	56.78	25.5	24.8	31	31.7	28.6	26	27.9	32.9	24	93	97	69	63	77	90	81.5	------
29	56.57	56.63	57.36	55.66	56.26	58.32	56.80	26	26	31.6	30.3	28.9	26.4	28.2	33.4	24.3	92	95	70	68	78	92	82.5	4.7
30	56.89	56.97	57.72	55.65	56.25	57.92	56.90	24.5	25.2	30.8	30.4	28.3	26.9	27.7	33.5	23.7	96	94	67	68	80	89	82.3	------
31	57.09	57.24	57.61	55.81	56.47	57.85	57.01	26.3	25.6	31	29.4	28.1	27	27.9	33	24.4	90	95	72	78	77	87	83.2	5.8
Mean	57.52	57.80	58.23	56.76	57.23	58.55	57.68	25	24.9	29.6	29.8	27.4	25.8	27.1	31.8	23.6	94.2	94.9	75.3	73.3	85	91.6	85.7	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	122.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	W	NW	ESE	NW	Calm	25.9	41.3	63.4	13.5	144.1	2	Ci.	Cu.	10	----------	Cu.-N. NE
2	Calm	Calm	NW	Calm	WNW	WNW	12.1	25.5	24.9	26.9	89.4	10	A.-Cu. NE	S.-Cu. N	10	----------	N.-cf. ESE
3	NW	NW	Calm	Calm	SE	SE	45.3	31.6	30.6	82.4	189.9	10	----------	N. ENE	10	----------	N. E
4	Calm	Calm	SE	SE	Calm	Calm	21.7	38.9	38.9	12.6	112.1	6	Ci.	S.-Cu. SE	10	----------	Cu.-N. SE
5	Calm	Calm	NW	SE	SSE	Calm	26.8	42.6	52.1	15.6	137.1	10	Ci.-S. ENE	S.-Cu. NW	10	----------	Cu.-N. SSE
6	Calm	Calm	ESE	SE	Calm	WNW	11.5	24.9	36	27.1	99.5	10	Ci. SSE	S.-Cu. E	10	----------	N. SSE
7	Calm	W	Calm	SE	SE	Calm	19	37.5	64.7	15.6	136.8	10	Ci.-S.	S.-Cu. NW	7	Ci.-S. SW	Cu.-N. E
8	Calm	Calm	E	SE	E	Calm	14.3	41.2	44	25.4	124.9	3	Ci.	Cu.	10	Ci.-S.	Cu.-N.
9	Calm	NW	S	SE	Calm	NW	22	54.9	60.6	14.7	152.2	5	Ci.-S. NE	Cu.	8	Ci. S	Cu.-N. SE
10	Calm	NW	NW	Calm	Calm	Calm	28.8	45.9	28.2	15	117.9	4	A.-Cu. ENE	S.-Cu.	10	----------	N. E
11	Calm	Calm	SE	SE	Calm	Calm	18.7	41.3	45.7	15	120.7	10	----------	Cu.-N. SE	4	Ci. NE	Cu.-N.
12	Calm	Calm	SE	SE	SE	Calm	12.6	41.6	65	23.5	142.7	9	Ci.	Cu.-N. ESE	7	----------	Cu.-N. SE
13	Calm	Calm	SSE	SSE	Calm	NW	19.5	41.6	34.4	30.6	126.1	10	Ci.-S.	Cu.-N. E	10	----------	N. E
14	S	Calm	SE	SSE	SE	Calm	45.3	40.2	70.5	34.8	190.8	10	A.-Cu. E	S.-Cu. SE	10	Ci.-S. ENE	Fr.-Cu. SE
15	WNW	Calm	Calm	NW	NW	NW	23.1	25.7	34.9	24.7	108.4	3	A.-Cu.	Cu.	10	Ci.	Cu.-N. NE
16	NW	NW	E	ESE	Calm	WNW	39.9	26.6	47.3	23.5	137.3	10	----------	N. NE	10	Ci.-S. NNE	Cu.-N. E
17	Calm	Calm	Calm	SE	Calm	Calm	16.6	36.8	44	17.9	115.3	10	----------	N. ENE	10	----------	S.-Cu. ESE
18	Calm	Calm	SE	SE	Calm	S	20.4	45.1	44.3	26.8	136.6	10	----------	N. SE	10	----------	Cu.-N. SE
19	Calm	W	E	ESE	Calm	WNW	22.2	41.2	40.8	24.9	129.1	6	Ci. NNE	Cu.-N.	10	----------	Cu.-N. ESE
20	Calm	Calm	ESE	Calm	NW	Calm	15.6	34.8	44.5	35.1	130	8	A.-Cu. WSW	S.-Cu. SE	10	----------	Cu.-N. SE
21	NW	Calm	SE	SE	Calm	Calm	34.3	30.8	51.2	12.6	128.9	2	Ci.	Cu.	10	Ci.	Cu.-N. SW
22	Calm	Calm	SE	NW	Calm	Calm	10.2	38.4	46.7	16.6	111.9	10	Ci.	Cu.-N. SW	10	----------	N. SW
23	Calm	WNW	ESE	Calm	Calm	Calm	22.2	32.4	34.8	11.9	101.3	1	Ci.	Cu.	8	----------	Cu.-N. W
24	Calm	NW	Calm	SSE	Calm	SSE	13.2	27.7	36	25.1	102	10	Ci.-S. ENE	Cu.	10	----------	Cu.-N. W
25	Calm	Calm	E	WNW	Calm	Calm	29.6	44.3	37.8	14.3	126	10	Ci.-S. ENE	S.-Cu.	10	----------	N. W
26	Calm	Calm	E	SSE	Calm	Calm	13.1	38.1	44.8	19.6	115.6	2	----------	Cu. ESE	3	Ci.	Cu.-N. W
27	Calm	Calm	Calm	SE	Calm	Calm	17.7	25.5	55	20.3	118.5	9	Ci.-S. ENE	Cu.	8	----------	Cu.-N. W
28	Calm	Calm	SE	ESE	Calm	Calm	28	38.1	53.7	10	129.8	10	Ci.-S.	Cu.-N.	10	Ci.-S. E	Cu.-N.
29	Calm	Calm	E	NW	Calm	W	23.3	34.4	53.9	25.5	137.1	10	Ci.-S. E	Cu.-N. NE	7	----------	Cu.-N. SSE
30	Calm	WNW	Calm	SE	SE	NW	20.6	24.7	50.9	37	133.2	6	Ci. ENE	S.-Cu.	10	Ci.-S.	Cu.-N.
31	WNW	WNW	ESE	SE	SE	SE	26	33.2	74.3	39.1	172.6	5	A.-Cu. E	Cu.-N.	7	----------	Cu.-N. ENE
Mean	------	------	------	------	------	------	22.6	36.3	46.9	23.8	129.6	7.5	----------	----------	9	----------	----------
Total	------	------	------	------	------	------	-----	-----	-----	-----	4,017.8	----	----------	----------	----	----------	----------

TACLOBAN.

[$\phi = 11° 15'$ N; $\lambda = 125° 00'$ E; barometer above sea, 3.4 meters; gravity correction not applied, −1.82 mm.]

AUGUST, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.83	57.92	58.46	57.01	57.67	59.22	58.02	25.5	25.5	30.5	30.5	27.8	25.6	27.6	32.5	24.1	92	96	74	74	84	95	85.8	6.9
2	58.33	57.89	58.76	57.14	57.76	59.15	58.17	25.2	25.8	31	30	28.6	26.2	27.8	32.7	24	96	95	72	75	83	92	85.5	------
3	58.81	58.85	58.69	57.33	58.20	60.20	58.68	25	25.4	30.7	31.5	28.4	25.8	27.8	33	24	95	97	74	68	85	93	85.3	2.9
4	59.31	59.43	59.75	58.45	58.45	60.35	59.29	24.6	24.7	30.5	29.2	28.1	25.5	27.1	32.3	23.5	95	96	74	73	85	91	85.7	------
5	59.20	59.36	59.56	57.70	57.84	60.05	58.95	25	25.4	30.1	31.6	28.1	26.5	27.8	32.6	23.5	92	93	72	65	85	88	82.5	------
6	58.95	58.67	59.40	58	58.31	59.10	58.74	25.4	25.2	29.8	30.5	28	25	27.3	33	23.3	77	85	69	67	77	88	77.2	------
7	58.37	58.91	59.59	57.63	57.97	59.77	58.71	24.3	24	30.5	32	28.5	26	27.6	33	23	93	95	65	57	74	87	78.5	------
8	58.91	59.13	59.41	57.27	57.48	59.14	58.56	25.3	24.4	31.1	32.5	29	26.5	28.1	33.3	23.6	93	97	68	63	82	84	81.2	------
9	57.97	58.15	57.84	55.48	56.49	58.05	57.33	25.5	25.5	32.4	34.9	30.3	27.5	29.4	35.3	24	88	93	62	44	60	84	71.8	------
10	56.77	56.39	57.10	54.98	55.40	56.79	56.24	25.5	26	31.2	32	29.7	27	28.6	34.5	24	89	76	62	52	63	83	70.8	------
11	55.68	56.98	56.28	54.57	55.16	56.97	55.77	26.4	26	31.9	34	29.2	26.6	29	34.8	25.5	77	84	61	48	72	87	71.5	------
12	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
13	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
14	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
15	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
16	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
17	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
18	58.94	58.22	58.81	57.02	57.65	59.49	58.36	25	24	31.3	33.5	29.5	27	28.4	34.6	23.2	88	91	64	57	75	81	76	------
19	57.95	58.94	59.54	57.70	58	58.92	58.51	26	26	30	29.8	27.9	26.5	27.7	30.5	24	88	84	71	71	81	85	80	------
20	58.29	58.67	58.26	57.40	58.41	59.55	58.43	25.5	25.1	31	29.8	28.6	25	27.5	33.5	23.5	92	95	67	69	76	92	81.8	13.2
21	58.52	59.33	59.77	58.27	59.20	60.66	59.29	24.5	24.2	28.5	30	27	26.1	26.7	31.7	23.4	94	97	81	69	81	88	85	.4
22	59.75	59.91	60.32	58.29	59.34	60.16	59.63	24.5	24.8	30	31.5	27.6	27.1	27.6	32.9	23.5	94	95	70	62	84	87	82	2.3
23	59.21	59.23	59.81	57.51	57.48	58.97	58.70	26.3	25.4	28.5	31	27.4	26.8	27.6	31.8	24.5	88	93	77	64	78	87	81.2	7.7
24	57.90	58.19	58.91	57	57.32	59.49	58.14	26.1	24	29.6	31.3	28	27.8	27.8	32.1	23	89	91	75	65	79	82	80.2	.7
25	58.26	58.25	59.11	57.46	58	60.01	58.52	26.4	25	31	30.2	28	26.2	27.8	32.7	24.3	89	94	69	75	81	89	82.8	4.5
26	58.73	59.58	60.47	58.50	58.25	59.99	59.25	25.5	24.5	25.2	23.9	24.6	24.6	24.7	25.8	23.1	94	92	90	94	91	95	92.7	25.7
27	58.15	58.05	59.15	56.51	57.18	58.79	57.97	24.4	24.5	28	31	26.1	25.5	26.6	31.6	23.5	97	96	83	72	93	92	88.8	4.6
28	57.64	57.69	57.96	56.36	56.87	58.60	57.52	24.8	23.5	28.8	27.2	25.9	25	25.9	33	22.8	93	96	71	81	88	92	86.8	.1
29	57.85	57.48	58.37	57.23	58.06	59.82	58.14	24.3	24	29.3	30.1	27.5	25.6	26.8	31	22.7	93	93	70	69	81	95	83.5	------
30	58.39	58.48	59.15	57.97	58.51	59.67	58.70	23.5	24.5	30.5	31.5	27	26	27.2	32.5	22.4	96	96	74	60	84	90	83.3	5.3
31	58.81	59.29	60.41	58.07	58.32	59.81	59.12	25	25	27	28.2	27.2	25.8	26.4	28.5	24.1	96	96	89	76	87	93	89.5	2
Mean	58.34	58.48	59	57.23	57.73	59.31	58.35	25.2	24.9	29.9	30.7	27.9	26.1	27.5	32.4	23.6	91.1	92.6	72.2	66.8	80.4	88.8	82	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	[a]76.3

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	WNW	E	NW	Calm	Calm	23.3	30.6	42.3	16.3	112.5	8	A.-Cu. SE	S.-Cu. SE	7	Ci. E	Cu.-N. SW
2	Calm	NW	E	WNW	Calm	Calm	18	32.4	56.9	10	117.3	4	Ci. E	Cu. SW	8	----------	Cu.-N. W
3	Calm	Calm	E	WNW	Calm	Calm	7.2	28.4	53.1	22.8	111.5	3	----------	Cu.-N. ESE	7	----------	Cu.-N. NW
4	Calm	Calm	ESE	W	Calm	Calm	9.7	30.6	39.9	18.2	98.4	10	Ci.-S.	S.-Cu. SE	10	----------	N. SW
5	Calm	W	E	SE	Calm	WNW	21.5	32.4	42.8	36.5	133.2	10	Ci.-S. E	S.-Cu.	10	Ci.	Cu.-N. W
6	WNW	Calm	Calm	SE	Calm	Calm	37.8	29.6	64.4	15	146.8	10	----------	S.-Cu. ESE	10	----------	S.-Cu. SE
7	Calm	Calm	ESE	SE	SSE	Calm	22.8	35.7	55.7	15.8	130	10	Ci.-S. E	S.-Cu.	8	Ci.-S. ENE	Cu.-N. SW
8	Calm	Calm	ESE	SE	Calm	W	16.6	29.3	53.4	20.9	120.2	10	Ci.-S.	S.-Cu.	10	Ci.-S. E	Cu.-N. WSW
9	Calm	Calm	SE	SW	SSW	SW	17.5	51.8	71.1	29.8	170.2	9	A.-Cu.	S.-Cu. SW	8	Ci. E	Fr.-Cu SW
10	Calm	SSW	SSW	SW	SSW	Calm	23.5	50.9	61.8	23.1	159.3	10	Ci.-S. NE	Cu.	10	Ci.-S.	Cu. SW
11	SSW	Calm	S	SSW	S	Calm	34	63.8	58.4	33.6	189.8	10	Ci.-S. NE	S.-Cu.	10	Ci.	Cu. WSW
12	------	------	------	------	------	------	36.7	52.3	57.9	18.3	165.2	----	----------	----------	----	----------	----------
13	------	------	------	------	------	------	33.5	56.6	95	53.4	238.5	----	----------	----------	----	----------	----------
14	------	------	------	------	------	------	15	56.3	71.1	48.8	191.2	----	----------	----------	----	----------	----------
15	------	------	------	------	------	------	25.2	26.6	48.8	20.9	121.5	----	----------	----------	----	----------	----------
16	------	------	------	------	------	------	18.2	45.6	63.6	13.9	141.3	----	----------	----------	----	----------	----------
17	------	------	------	------	------	------	28.7	35.1	36.8	38.4	139	----	----------	----------	----	----------	----------
18	Calm	Calm	ESE	ESE	Calm	Calm	17.2	44.5	35.4	16.6	113.7	8	Ci.-S. ENE	Cu.	5	----------	Cu. SW
19	Calm	ESE	Calm	SSE	Calm	Calm	21.2	37	44.5	11.3	114	10	----------	Cu.-N. S	10	----------	Cu.-N. SW
20	Calm	Calm	E	W	SSE	Calm	14.2	34.9	70.6	42.1	161.8	5	A.-Cu. E	Cu.-N.	10	----------	Cu.-N. WSW
21	Calm	Calm	Calm	SE	S	Calm	18.5	48.5	73.7	23.5	164.2	6	----------	Cu.-N. SE	10	Ci.-S.	Cu.-N.
22	Calm	Calm	E	SE	SE	SE	16.9	37.5	97.6	66.8	218.8	3	Ci.-S. E	Cu.	10	Ci.-S. E	Cu.-N.
23	SE	Calm	SE	SE	SSE	Calm	28.2	54.2	78.9	37.2	198.5	10	Ci.-S.	Cu. SE	10	Ci.-S.	Cu.-N. SE
24	Calm	Calm	SE	ESE	SE	ESE	27.6	47	78.4	69.5	222.5	10	----------	N. SE	10	Ci.-S. E	Cu.
25	SE	Calm	SE	SE	SE	Calm	28.5	63.1	98.2	38.3	228.1	4	----------	S.-Cu. SE	9	Ci E	Cu.-N. SE
26	Calm	Calm	Calm	WNW	NW	Calm	21.5	28.5	34.8	36.2	121	10	----------	N. E	10	----------	N. E
27	W	WNW	Calm	SSE	Calm	Calm	47.7	33.3	37	23.9	141.9	10	Ci.	S.-Cu. E	9	Ci.-S. E	Cu.-N. ENE
28	Calm	Calm	Calm	SE	Calm	Calm	16.3	26.4	25.2	26.4	94.3	10	A.-Cu. E	S.-Cu. NE	10	----------	N. NE
29	Calm	Calm	SE	E	NW	Calm	14.7	46.4	32	21.4	114.5	10	Ci.-S.	S.-Cu. SE	10	Ci.-S.	Cu.-N. SSE
30	Calm	Calm	SE	SSE	SE	Calm	10.2	44	74.8	25.9	154.9	10	Ci.-S. E	S.-Cu. SE	2	----------	Cu.-N.
31	WNW	Calm	E	NW	Calm	Calm	34.8	20.1	32.2	16.3	103.4	10	----------	Cu.-N. E	10	Ci.-S.	Cu.-N. N
Mean	------	------	------	------	------	------	22.8	40.4	57.6	28.7	149.6	8.4	----------	----------	8.9	----------	----------
Total	------	------	------	------	------	------	----	----	----	----	4,637.5	----	----------	----------	----	----------	----------

NOTE.—This station was temporarily closed from August 12 to 17.

[a] 25 days of observation.

TACLOBAN.

[ϕ = 11° 15′ N; λ = 125° 00′ E; barometer above sea, 3.4 meters; gravity correction not applied, —1.82 mm.]

SEPTEMBER, 1916.

Day.	Atmospheric pressure, 700 mm.							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.54	58.77	59.04	57.69	58.19	59.07	58.55	25.4	25.3	29.4	27	25.4	24.2	26.1	30	23.5	93	94	75	87	93	97	89.8	2.7
2	58.15	57.95	57.99	56.06	56.83	57.62	57.43	23.5	24.5	27.7	26.5	26.4	25.5	25.7	31	22.3	97	96	83	91	93	96	92.7	5.6
3	56.28	56.62	56.77	55.64	55.68	56.69	56.26	24.9	24.3	30	26.3	26.8	25.5	26.3	31	23.4	96	93	74	86	86	92	87.8	24.8
4	55.99	56.41	56.84	55.45	56.26	57.25	56.37	24.5	23	30.2	31.3	27.9	27.5	27.4	32.2	22.1	87	95	65	66	82	84	79.8	------
5	56.77	57.27	58.34	57.10	58.01	58.88	57.73	25.5	25	31.2	29	27.4	27	27.5	31.9	24	92	93	71	74	78	84	82	------
6	57.60	58.58	59.08	56.75	57.65	59.15	58.14	26.8	26	30.5	28.8	27.3	26.5	27.6	32.1	25	82	89	67	79	85	88	81.7	.9
7	57.79	57.97	58.37	56.19	57.11	58.47	57.65	24.8	25.1	30.6	28.5	27.3	26	27	32.6	23.5	94	96	70	81	86	92	86.5	.3
8	57.49	58.37	59.03	57.31	57.79	58.76	58.12	25.8	25	29	25.5	26.2	25.2	26.1	32	24	93	92	78	91	91	94	89.8	2.6
9	57.64	57.84	58.30	57.05	57.78	58.59	57.87	25	25	30.3	27.5	24.8	24.9	26.2	32	23.5	96	92	74	84	93	94	88.8	28.7
10	57.13	57.54	58.38	56.37	57.56	59.30	57.71	24.5	24	26.4	30.2	27.5	25.4	26.3	30.8	22.6	96	96	89	70	81	93	87.5	27
11	57.97	59.09	60.17	57.63	58.64	60.12	58.94	24.5	25	27	28	26	25.7	26	28.1	22.9	94	95	88	77	85	93	88.7	1.1
12	59.58	59.72	61.20	57.37	58.33	59.90	59.35	24	24.5	25.7	29.5	27.1	23.9	25.8	30	22.7	95	94	91	68	80	91	86.5	10.7
13	58.11	57.69	57.96	56.20	56.68	57.75	57.40	23.2	23.5	28	27.8	25.5	24.7	25.4	30.6	22.5	95	96	77	79	92	94	88.8	.2
14	56.30	56.56	57.16	55.76	56.43	57.98	56.70	24.1	23.4	29.8	27	27	25.5	26.1	31.6	22.5	95	97	69	80	86	92	86.5	3.2
15	56.80	57.19	58.31	56.67	57.37	58.94	57.55	24.1	24.8	29	27.8	26.5	26	26.4	30.1	23	97	93	79	89	89	92	89.8	1.1
16	57.62	58.03	58.70	56.64	57.14	58.53	57.78	24	24.7	30.5	28.1	26	25	26.4	32.5	23.5	97	97	75	79	86	92	87.7	------
17	57.54	57.38	57.40	54.98	56.23	57.47	56.83	24.7	24.5	31	31.9	29	26.5	27.9	33.1	23.5	94	96	72	65	74	83	80.7	2
18	56.78	56.77	57.10	55.13	56	57.67	56.58	25.5	25	29.9	30	28.3	25.8	27.4	33	24	93	95	75	74	82	89	84.7	------
19	56.38	56.48	56.81	54.73	56.17	57.63	56.37	25.2	24.5	31.5	32.4	29.4	27	28.3	33.2	23.6	94	96	64	60	70	84	78	------
20	56.58	56.74	57.31	55.53	56.15	57.03	56.56	27	26.5	31.7	32.6	28.9	27.8	29.1	33.5	25	88	90	68	58	75	82	76.8	------
21	55.67	55.89	56.68	54.46	55.87	56.72	55.88	26	26	28.3	29.5	27.4	25.9	27.2	29.7	24.4	87	92	75	69	78	93	82.3	3.9
22	54.86	55.40	55.96	53.76	54.41	55.52	54.98	25.1	25.2	29	28.8	27.3	25.4	26.8	29.9	24.5	97	94	76	76	82	93	86.3	6.7
23	54.13	54.97	55.86	53.41	54.74	55.54	54.78	24.5	24.4	28.9	30.8	26.4	25.1	26.7	32.2	23.6	94	97	81	62	86	91	85.2	.8
24	54.15	55.02	55.77	54.07	55.13	56.69	55.14	25	24.5	29	29.6	26	24.8	26.5	31	23.5	88	91	74	70	96	94	85.5	6.5
25	55.12	56.05	56.85	54.58	55.64	57.37	55.94	24.4	24.5	28.3	30.7	28.2	26.5	27.1	31.2	23.5	91	87	75	70	79	83	80.8	.3
26	55.88	56.37	57.36	55.16	56.33	58.06	56.53	26	24.5	30.5	30.5	27.2	26.6	27.6	31	23.7	79	92	67	68	86	91	80.5	2.5
27	57.18	57.80	58.18	55.92	56.45	57.55	57.18	26	23.4	27.5	29.5	28	26.5	26.8	30.7	22.5	92	88	76	71	71	84	80.3	------
28	56.34	56.69	57.39	55.91	56.19	57.34	56.64	25	24.3	29.9	28	25.1	24	26	32.3	23	94	96	69	81	92	96	88	------
29	56.37	56.20	57.43	55.83	56.94	58.22	56.83	25	25	28.2	30.1	24.9	25	26.4	31.7	23.4	92	90	76	68	91	95	85.3	.4
30	57.43	58.09	58.61	57.33	57.92	59.41	58.13	24.5	23.3	30.1	31.3	28	27.5	27.4	32.6	22.2	96	97	69	64	77	84	81.2	.3
Mean	56.81	57.18	57.81	55.89	56.72	57.97	57.06	25	24.6	29.3	29.2	27	25.8	26.8	31.5	23.4	92.6	93.6	74.7	74.6	84.2	90.3	85	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	132.3

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NW	Calm	Calm	NW	Calm	Calm	34.4	28.4	34.3	9.9	107	10	----------	Cu.-N. NE	10	----------	N. ENE
2	Calm	Calm	SSE	W	Calm	Calm	10.5	38.3	34.9	11.1	94.8	10	Ci.-S.	Cu.-N. E	10	Ci.-S.	N. W
3	Calm	Calm	SE	Calm	SE	Calm	15.8	44.8	30.8	27.1	118.5	10	Ci.-S.	s.-cu. WNW	10	----------	N. WSW
4	S	Calm	S	SE	SE	SE	30.8	44.9	93	78.4	247.1	10	Ci.-S.	Cu.	10	Ci.-S. ENE	Cu.-N. S
5	Calm	Calm	SSE	SE	SE	ESE	14.3	60.2	101.9	83.5	259.9	10	Ci.-S. NE	Cu. SE	10	Ci.-S. NE	Cu.-N. SE
6	ESE	Calm	SE	SE	Calm	E	54.4	56.8	48.3	25.5	185	10	Ci. ENE	S.-Cu. SE	10	Ci.	Cu.-N. E
7	Calm	WNW	Calm	ESE	Calm	Calm	12.9	42.4	47.3	26.8	129.4	10	Ci.-S. E	Cu.	10	Ci. E	Cu.-N. SE
8	WNW	S	E	Calm	Calm	Calm	29.6	30.3	28.8	17.1	105.8	10	----------	N. NE	10	----------	N. E
9	NW	WNW	NW	SSE	Calm	WNW	32.5	40	57.7	24.1	154.3	6	----------	s.-cu. ENE	10	----------	N. E
10	NW	Calm	S	SE	SE	WNW	39.9	32.7	75.1	53.4	201.1	10	----------	N. ESE	7	----------	Cu. SSE
11	Calm	NW	Calm	ESE	SE	Calm	22.3	25.7	44.1	47	139.1	10	A.-Cu. S	Cu.-N. SE	10	Ci.-S.	Cu. SE
12	Calm	WNW	SE	NW	NW	Calm	25.4	37.3	68.4	40.8	171.9	10	A.-Cu. E	S.-Cu. SE	10	Ci.-S. E	Cu. NNW
13	Calm	Calm	NNW	NNW	W	Calm	12.4	43.3	55	18.2	128.9	10	----------	N. NW	10	----------	N. N
14	Calm	Calm	SE	S	Calm	Calm	7.2	72.6	73	22.5	175.3	10	----------	S.-Cu. SW	10	----------	N. SSE
15	Calm	Calm	E	SE	Calm	Calm	12.7	35.9	31.1	18.8	98.5	10	A.-Cu. S	Cu.-N.	10	----------	N. SSE
16	Calm	Calm	E	ESE	NW	WNW	18.8	32	56.9	34.4	142.1	5	----------	S.-Cu. SE	10	----------	Cu.-N.
17	NW	Caim	Calm	NW	Calm	Calm	32.2	23.6	38	18.3	112.1	4	Ci.	Cu.	8	Ci. NE	Cu.-N. W
18	Calm	Calm	E	S	Calm	Calm	19	35.6	45.3	16.1	116	5	Ci. NE	Cu.	9	----------	Cu.-N. WNW
19	Calm	Calm	NW	WNW	NW	NW	11.6	50.9	108.9	33.5	204.9	5	Ci. NNE	Cu. WNW	4	Ci. N	Cu. W
20	NW	Calm	E	NW	WNW	NW	33.6	37.8	90.6	61.7	223.7	10	Ci.-S. ENE	Cu. W	10	Ci.-S. ENE	Cu.-N. W
21	WNW	Calm	NW	NW	NW	Calm	62.5	55.3	94.1	15.1	227	10	----------	N.-cf. NW	10	Ci.-S.	Cu.-N.
22	Calm	Calm	NNW	NW	Calm	Calm	8.9	39.6	59.3	12.4	120.2	10	----------	N. N	10	----------	S.-Cu. NW
23	Calm	Calm	E	SW	Calm	Calm	24.9	20.9	44.6	21.9	112.3	10	----------	N. WSW	10	Ci.-S.	cu.-N. SW
24	Calm	S	SSE	S	Calm	S	33.2	55.2	47.8	39.2	175.4	10	----------	N. SW	10	----------	cu.-N. SW
25	Calm	Calm	S	SSE	SSE	S	33	48.9	77.2	35.2	194.3	10	A.-Cu. W	S.-Cu. SW	10	Ci.	cu.-N. SW
26	S	Calm	E	Calm	Calm	Calm	22.2	23.9	21.9	15.1	83.1	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Fr.-cu. SW
27	W	Calm	Calm	WNW	NW	W	57.6	29.5	110.5	47.3	244.9	10	----------	N.-cf. NW	10	----------	S.-Cu. WNW
28	Calm	Calm	E	NW	Calm	Calm	10	21.9	40.8	12.4	88.1	10	A.-Cu. E	S.-Cu.	10	----------	cu.-N. NW
29	NW	Calm	SE	E	Calm	Calm	35.6	30.6	47.7	22.7	136.6	10	A.-Cu. SE	S.-Cu.	10	----------	Cu.-N. WNW
30	WNW	Calm	SE	SE	SE	SE	16.6	51.5	83.7	69.4	221.2	2	----------	S. ESE	8	Ci.-S. ENE	Cu.-N.
Mean	------	------	------	------	------	------	25.8	39.8	59.7	32	157.3	8.9	----------	----------	9.5	----------	----------
Total	------	------	------	------	------	------	------	------	------	------	4,718.5	----	----------	----------	----	----------	----------

TACLOBAN.

[$\phi = 11° 15'$ N; $\lambda = 125° 00'$ E; barometer above sea, 3.4 meters; gravity correction not applied, —1.82 mm.]

OCTOBER, 1916.

Day.	Atmospheric pressure, 700 mm. +							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.58	58.80	58.73	56.59	57.97	59.15	58.30	25.8	25.5	31	31.5	27.3	26	27.8	32.5	24.5	90	93	69	65	84	92	82.2	------
2	58.09	58.27	58.35	57.17	57.67	58.64	58.12	25.5	25.1	31.3	29	26.6	24.9	27.1	32.4	23.7	96	95	61	74	87	94	84.5	1.7
3	57.72	58.24	59.47	57.50	58.83	59.86	58.60	24.6	24.5	27.6	24.5	25.4	23.3	25	28	22.5	95	96	81	87	84	96	89.8	5.1
4	58.44	58.89	59.70	57.53	58.52	59.98	58.84	24.4	23	30	30	27.1	25.2	26.6	31.6	22.4	92	96	74	62	85	94	83.8	------
5	58.62	59.25	59.64	57.44	58.30	59.70	58.82	24.8	24.3	31	31.7	27.5	26	27.6	32.9	23.4	97	97	68	62	81	92	82.8	------
6	58.33	57.90	58.86	56.56	57.73	58.55	57.99	25.3	25.5	31.5	26.3	25.5	25	26.5	32.9	23.9	93	93	69	78	89	92	85.7	------
7	57.08	57.48	57.96	55.95	57.14	58.55	57.36	25	24.3	27.5	28.7	24.9	25	25.9	32	23.4	95	96	79	76	92	92	88.3	3.1
8	56.59	57.25	57.97	56.67	57.47	58.73	57.45	25	24.7	29	28	25.5	24	26	32	22.9	88	94	75	79	89	93	86.3	1.7
9	57.49	58.59	59.20	57.25	58.25	60.11	58.48	23.7	23.5	30.6	31.7	27.3	26	27.1	32.3	22.5	94	96	69	62	84	92	82.8	.1
10	59.06	59.96	60.38	57.81	58.90	59.80	59.32	24.5	25.5	31.5	32	28.5	26	28	32.9	24	96	96	69	67	78	89	82.5	------
11	58.61	58.57	59.10	56.93	57.47	58.47	58.19	24.4	25	31.5	32	28	27	28	33.5	23.4	95	97	63	65	80	84	80.7	3.3
12	57.37	57.98	58.26	56.24	57.06	58.16	57.61	25.9	25	29.5	28.8	26.1	26	26.9	32.5	24.3	91	96	73	82	91	95	88	.4
13	57.05	58.14	58.97	56.80	57.90	58.61	57.91	25.3	24.5	26.1	29	26.8	24.8	26.1	31	23.7	93	96	91	71	81	93	87.5	11.2
14	57.67	58.13	58.75	56.47	57.18	58.27	57.74	24.6	24.8	29.4	31.6	25	25.5	26.8	32.4	23.5	95	93	72	66	90	89	84.2	6.1
15	56.29	57.14	57.16	55.38	56.63	57.53	56.69	24.7	24.8	29.5	27	26.4	25	26.2	32.4	23.6	94	95	75	86	89	96	89.2	9.5
16	56.37	57.12	57.99	55.67	57.07	58.16	57.06	25	25.3	27.7	27	26.8	25	26.1	27.8	24.3	96	94	87	87	86	96	91	41.2
17	56.93	57.98	58.49	56.43	57.55	58.68	57.68	25	24.9	26	27.3	25.5	25	25.6	27.6	23.5	96	92	92	86	92	96	92.3	4.6
18	57.47	58.08	59.02	56.66	57.21	58.44	57.81	25.3	24.8	29.4	29.8	26.5	26.3	27	30.7	23.6	93	97	76	75	90	93	87.3	.1
19	57.09	57.73	57.87	55.46	56.56	58.01	57.12	25	25	30	30.8	27.4	26.8	27.5	32	24	96	96	75	71	84	87	84.8	1.1
20	56.62	57.32	58.19	56.15	57.28	58.78	57.39	25.7	25.8	30	28.6	26.9	26.4	27.2	31.9	24	91	93	71	83	85	85	84.7	5.9
21	57.77	57.89	59.09	56.88	57.83	58.77	58.04	24.8	24.3	28	27.2	25.2	24.5	25.7	29.3	23.3	93	94	80	87	90	94	89.7	18.5
22	57.63	58.01	58.85	56.25	57.31	58.74	57.80	24.5	24.5	29.7	30.4	27	25.1	26.9	31.8	23.5	96	96	73	70	87	92	85.7	------
23	57.20	57.83	58.14	56.38	56.86	58.64	57.51	25	24.7	27	26.8	26	25.9	25.9	27.4	23.7	92	94	86	90	90	91	90.5	9.8
24	57.20	57.94	59.16	57.38	58.19	60.07	58.32	24.9	24.8	26.9	27.5	26.4	26	26.1	28.5	24	96	95	89	82	84	89	89.2	11.6
25	59.13	59.72	60.49	58.28	59.25	60.53	59.57	24.9	24	30.9	25.5	25.6	25	26	31.2	23.1	96	96	70	92	95	96	90.8	16.9
26	59.59	60.51	60.62	58.31	58.82	60.18	59.67	24.8	24.5	28.7	30.6	26.8	26.6	27	32	23.8	97	96	81	71	82	83	85	8.2
27	58.70	59.27	59.30	56.96	57.72	58.64	58.43	25.2	25	29.6	27	26.9	25.5	26.5	30.4	23.8	88	90	74	84	85	92	85.5	5.7
28	57.22	57.74	58.31	55.89	57	58.37	57.42	25	24.5	29.9	31	27.8	25.5	27.3	32.8	23.9	95	96	75	71	77	92	84.3	1.6
29	57.48	57.73	58.70	57.13	58.21	58.82	58.01	24.8	24.5	29.5	26.9	26.2	25	26.2	29.8	23.6	95	96	73	88	90	92	89	4.6
30	57.90	58.19	58.32	56.60	57.44	57.94	57.73	24.5	24.5	29	25.5	25.6	24.5	25.6	31.5	23.3	94	96	75	88	88	91	88.7	.7
31	57.06	57.51	57.46	54.98	56.37	57.09	56.74	24	23.3	30.5	31.3	26.5	25.6	26.9	32	22.5	97	97	72	65	88	91	85	11.5
Mean	57.69	58.23	58.81	56.70	57.67	58.84	57.99	24.9	24.7	29.3	28.9	26.5	25.4	26.6	31.2	23.5	94	95.1	75.4	76.5	86.4	91.7	86.5	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	184.2

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0-10*			*0-10*		
1	Calm	Calm	SE	SE	Calm	Calm	25.2	62	74.5	10.7	172.4	9	----------	N. SE	3	Ci. ENE	Cu. ESE
2	WNW	WNW	ESE	NW	Calm	Calm	27.9	42.1	44	15	129	6	Ci. NE	Cu.	7	Ci.	Cu.-N. E
3	Calm	Calm	SE	NW	NW	Calm	18.3	66	47.8	18.3	150.4	10	----------	N. ENE	10	----------	N.
4	WNW	Calm	ESE	SE	Calm	Calm	27.1	36.2	36.5	15.5	115.3	10	Ci. NE	S.-Cu. S	9	Ci.	Cu.-N. SW
5	Calm	Calm	SE	SSE	Calm	Calm	6.6	48.1	46.5	9.2	110.4	9	Ci. NE	Cu.	7	Ci.	Cu.-N. SE
6	Calm	Calm	ESE	WNW	WNW	WNW	8.2	28.8	48.3	33.3	118.6	10	Ci. E	S.-Cu. ESE	10	----------	Cu.-N. WNW
7	NW	WNW	NW	NW	NW	NW	37.2	46.5	48.3	61.7	193.7	10	Ci.-S. E	S.-Cu.	10	----------	Cu.-N. NW
8	NW	Calm	NW	WNW	Calm	Calm	48.9	45.7	46.1	20.3	161	10	A.-Cu.	S.-Cu. NW	10	----------	N. WNW
9	Calm	Calm	Calm	SE	Calm	Calm	7.5	32.2	43.7	13.4	96.8	10	A.-Cu. NE	S.-Cu. W	10	Ci.-S. E	Cu.-N. SW
10	Calm	Calm	S	SSE	E	Calm	16.1	51.3	81.1	25.7	174.2	9	Ci.-S. NE	S.-Cu. SE	7	----------	Cu.-N. E
11	Calm	WNW	SSE	SE	E	ENE	24.6	49.7	56.8	28.7	159.8	10	Ci.-S. E	S.-Cu.	10	----------	N. E
12	Calm	Calm	SE	SE	Calm	Calm	26.8	31.1	41.8	21.9	121.6	4	Ci.	Cu.-N. E	9	----------	Cu.-N. E
13	NW	Calm	SE	SE	Calm	S	36.8	44	50.9	19.3	151	10	A.-Cu. SE	S.-Cu. E	10	----------	S.-Cu. SE
14	Calm	ESE	SE	SSE	NW	Calm	16.1	38.1	64.1	23.6	141.9	10	----------	N. ESE	10	----------	Cu.-N. ESE
15	Calm	NW	W	NW	Calm	Calm	31.2	36.5	37.2	30.1	135	10	Ci.-S.	Cu.-N.	10	----------	Cu.-N.
16	Calm	Calm	SE	SE	SE	Calm	17.9	45.1	63.3	27.7	154	10	----------	N. SSE	10	----------	N. SE
17	Calm	SE	SSE	Calm	Calm	Calm	36.7	55.7	23	9.4	124.8	10	----------	N. SE	10	----------	Cu.-N. SE
18	Calm	Calm	SSE	SE	Calm	Calm	9.7	41.5	39.6	18.7	109.5	10	Ci.	Cu.-N. ESE	10	----------	N. ESE
19	Calm	WNW	ESE	SSE	E	Calm	25.9	31.1	49.7	27.9	134.6	7	Ci. N	Cu.	4	Ci.	Cu.-N. E
20	Calm	Calm	SE	SE	Calm	Calm	23.6	51.3	77.5	26.9	179.3	2	----------	Cu. ESE	9	----------	N. E
21	Calm	WNW	SE	SE	Calm	Calm	27.7	45.3	45.4	22.7	141.1	5	Ci. NE	Cu.-N. E	10	----------	N. E
22	Calm	Calm	E	SE	Calm	W	20.7	28.7	38.6	16.3	104.3	10	Ci.	S.-Cu. ESE	10	Ci.-S.	Cu.-N. E
23	WNW	NW	NW	Calm	Calm	Calm	34.4	31.6	16.7	13.7	96.4	4	A.-Cu. NE	S.-Cu. E	10	----------	N. SE
24	NW	Calm	SE	SE	SE	Calm	30.8	36.8	89	46.4	203	10	A.-Cu. E	S.-Cu. ENE	10	Ci.-S.	Cu.-N. SE
25	WNW	Calm	SSE	SE	Calm	Calm	20.7	37.8	29.3	26.6	114.4	6	A.-Cu. S	S.-Cu. SE	10	----------	N. SE
26	WNW	Calm	Calm	SE	Calm	Calm	42.3	22.3	43.1	17.5	125.2	10	----------	N. E	10	----------	Cu.-N. E
27	Calm	Calm	Calm	Calm	Calm	Calm	24.4	27.6	20.3	28.4	100.7	10	----------	N. ENE	10	----------	N. ENE
28	WNW	W	S	SE	E	Calm	39.1	42.6	52.6	23.8	158.1	4	----------	S.-Cu. E	4	----------	Cu.-N. ENE
29	WNW	WNW	WNW	NW	NW	WNW	43	44.5	45.1	36	168.6	1	----------	Cu.	10	----------	N. E
30	Calm	WNW	WNW	WNW	Calm	Calm	25.1	33.2	43.5	20.6	122.4	5	Ci. W	S.-Cu. NW	10	----------	Cu.-N. NNE
31	W	Calm	SE	SE	SE	NW	30.3	34.9	61.7	43	169.9	2	Ci. W	Cu. ENE	2	----------	Cu.-N.
Mean	------	------	------	------	------	------	26.2	40.9	48.6	24.3	139.9	7.8	----------	----------	8.7	----------	----------
Total	------	------	------	------	------	------	-----	-----	-----	-----	4,337.4	----	----------	----------	----	----------	----------

TACLOBAN.

[$\phi = 11° 15'$ N; $\lambda = 125° 00'$ E; barometer above sea, 3.4 meters; gravity correction not applied, —1.82 mm.]

NOVEMBER, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	55.84	56.24	56.65	54.67	55.50	56.76	55.94	24.5	24.3	31	27.1	26	25.5	26.4	31.4	23.5	96	97	69	76	87	93	86.3	0.8
2	56.02	56.17	57.27	55.55	56.87	58.22	56.68	25.2	25	26.2	29.2	26.3	25.1	26.2	30.3	24	94	96	84	73	86	92	87.5	1.8
3	57.18	57.93	58.11	55.93	56.97	58.41	57.42	24.7	24.6	27	28.8	27	25.1	26.2	30.1	23.5	94	95	84	75	87	95	88.3	1
4	57.05	57.74	57.80	54.69	56.26	57.34	56.81	25.5	25.4	29.5	31.7	27.1	24.7	27.3	32.4	23.7	94	94	69	54	75	89	79.2	------
5	55.73	56.53	57.60	54.69	55.55	56.89	56.16	24.5	25.4	28.6	29.6	27.2	25	26.7	30.4	23.5	92	88	70	70	83	92	82.5	------
6	55.74	56.83	57.36	54.95	56.01	57.33	56.37	24.8	24.4	29.4	31	27.2	25.5	27	31.2	23	89	92	74	51	83	88	79.5	.4
7	56.15	56.60	57.50	55.41	56.50	57.69	56.64	25.5	24.2	29.8	30.5	26	25	26.8	31	23.1	92	95	69	50	84	90	80	------
8	56.63	57.52	58.86	57.09	57.52	59.32	57.82	25	24.4	29.6	24.9	24.9	24	25.5	31.3	22.9	95	93	77	88	92	96	90.2	10.2
9	58.03	58.34	58.96	57.05	57.84	59.37	58.26	25	25	30	29	25.8	26	26.8	32.7	23.7	92	95	75	76	89	94	86.8	1.1
10	57.90	58.63	58.97	56.23	57.46	58.22	57.90	24.2	24.7	29	30.8	25.6	24.1	26.4	31.4	22.6	95	96	74	60	87	91	83.8	50.6
11	57.06	57.78	58.94	56.64	58.04	58.89	57.89	24.5	24.8	25	27.1	25	25	25.2	27.1	23.1	91	93	88	81	92	92	89.5	12
12	57.84	58.72	59.42	57.17	57.96	59.13	58.37	25.8	25.5	28	26	26	25.5	26.1	28.8	24	82	84	79	84	85	86	83.3	19
13	58.13	59.18	59.91	57.39	58.65	59.13	58.73	25.1	23.6	25.9	30	25.7	24	25.7	30.9	23	89	97	88	67	86	91	86.3	19.8
14	57.99	58.94	58.07	55.92	57.14	57.37	57.57	24	24.5	27.8	27.6	25.9	25.5	25.9	29.2	23	93	94	79	87	93	92	89.7	13.5
15	56.30	56.49	56.63	55.11	56.19	56.59	56.22	23.9	24	30	27.5	25.3	23.6	25.7	31	23	96	98	78	84	85	97	89.7	6.8
16	55.86	56.84	57.03	54.64	55.93	57.14	56.24	24	24	28	29	26.4	24.7	26	29.8	22.6	97	96	82	76	89	96	89.3	.3
17	56.17	56.84	57.66	55.31	57.07	58.24	56.88	24.8	24.4	29.6	28.9	27.3	25.1	26.7	30.8	23.5	97	97	77	78	88	95	88.7	.2
18	57.02	58.41	59.34	57.23	58.45	58.92	58.23	24.3	24.5	30	27.1	26	25.1	26.2	30.5	23.4	96	96	75	87	92	96	90.3	------
19	58.18	58.69	59.46	56.59	57.75	59.25	58.32	24	24.3	28.3	31	26.9	24	26.4	31.4	22.9	96	97	85	72	86	95	88.5	44.2
20	57.63	58.05	58.90	56.12	57.67	58.60	57.83	23.9	23.8	28.7	29.1	27	25.2	26.3	31.2	22.6	96	97	80	77	87	94	88.5	.6
21	57.57	58.21	59.07	56.76	58.02	59.17	58.13	25	24.4	30.4	29	27.2	26	27	31.1	23.6	95	97	72	78	87	93	87	------
22	57.63	58.56	59.64	56.87	58.03	59.47	58.37	25.1	24	24	27	25.9	24.4	25.1	28	23	91	95	94	77	86	91	89	7.3
23	58.21	58.55	59.05	56.80	57.98	58.83	58.24	23.6	23.5	29.4	31.4	26	25.1	26.5	32.5	22.3	97	96	75	60	88	92	84.7	.3
24	57.74	57.76	58.33	56.18	56.49	57.47	57.33	25.2	24.8	29	27.8	26.5	25.1	26.4	30	23.9	94	95	78	79	84	95	87.5	12.8
25	56.29	56.44	57.13	54.80	55.62	56.17	56.08	24.4	24	28.3	30.4	27.4	24.8	26.6	31.8	23.4	97	96	72	64	81	90	83.3	.3
26	54.44	54.46	55.01	53.54	54.24	54.81	54.42	24.1	23	28.6	24.8	25.5	25	25.2	30.3	22.4	95	96	72	92	84	92	88.5	3.8
27	53.69	54.27	54.98	52.67	53.88	54.88	54.06	25.5	24.9	27.8	28.4	26.5	24.5	26.3	30	23.6	91	91	84	75	84	94	86.5	11.5
28	54.05	54.40	55.32	53.20	53.94	54.51	54.24	25.4	25.4	25.9	27.5	25.5	25	25.8	27.9	23.8	91	92	93	82	92	92	90.3	50
29	53.84	54.64	55.14	53.44	55.03	56.74	54.80	24.8	24.5	25	25.4	25.9	25.4	25.2	26.4	24	97	97	95	92	88	85	92.3	18.3
30	55.34	56.14	57.04	55.43	56.29	56.68	56.15	25	24.8	27.5	27	25.8	25	25.8	28.6	23.9	88	83	69	68	78	80	77.7	.2
Mean	56.58	57.20	57.84	55.60	56.70	57.72	56.94	24.7	24.5	28.2	28.5	26.2	24.9	26.2	30.3	23.3	93.4	94.3	78.7	74.4	86.3	91.9	86.5	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	286.8

Day.	Wind.											Clouds.				
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NW	NW	Calm	NW	NW	NW	27.7	36.4	47.5	32.2	143.8	4		S.-Cu. NW	10		Cu.-N.
2	NW	NW	NW	SE	Calm	WNW	38.6	41.5	36.4	27.4	143.9	10		N. NW	10	Ci.-S. NE	Cu.-N. SE
3	W	NW	NW	NW	NW	Calm	42.1	52.3	33.8	35.7	163.9	10		S.-Cu. E	10		S.-Cu. E
4	Calm	NW	NNW	NNW	Calm	WNW	43	61.5	41.6	35.1	181.2	10	A.-Cu. E	S.-Cu. NE	5	Ci.	Cu. N
5	WNW	NW	NW	NW	WNW	WNW	46.1	75.4	78.1	34.8	234.4	9	Ci.-S. E	s.-cu. NNE	7	A.-Cu. NE	s.-cu. NNW
6	Calm	Calm	NW	NW	Calm	Calm	19.8	41	70.2	19.1	150.1	10		S.-Cu. NW	9	Ci.	Cu.
7	NW	Calm	NW	NW	Calm	Calm	23.5	40.2	55	15.5	134.2	5	Ci.	Cu. NW	7	Ci.-S.	Cu. NW
8	Calm	Calm	SE	NW	Calm	Calm	13.2	38.9	33.2	13.1	98.4	10	Ci.-S. E	S.-Cu. SE	10		N.
9	Calm	WNW	Calm	E	Calm	WNW	31.2	32.4	36.2	35.7	135.5	9	A.-Cu. E	S.-Cu.	10		Cu.-N. NE
10	Calm	NW	NW	NW	NW	NW	18.5	44.6	59.2	38.3	160.6	4	Ci.-S. ENE	S.-Cu.	4	Ci.	Fr.-Cu. N
11	NW	NW	NW	NW	NW	NW	44.1	53.6	33.5	47.3	178.5	10		N. N	10		N. NE
12	NW	Calm	Calm	Calm	Calm	NW	53.7	36.2	36.2	40.2	166.3	10		N.-cf. NE	10		Cu.-N. ENE
13	Calm	NW	NW	ESE	Calm	W	40.4	35.9	38.9	29.6	144.8	10		N. ENE	10	A.-Cu. E	S.-Cu. ENE
14	NW	NW	NW	Calm	Calm	NW	37.6	35.1	23.3	32.5	128.5	10		N. ENE	10		N. ENE
15	Calm	Calm	Calm	WSW	NW	Calm	8.5	24.1	35.6	17.2	85.4	10	A.-Cu.	s.-Cu. ESE	10		N. W
16	Calm	Calm	SE	SE	Calm	Calm	11.3	30	41.8	17.2	100.3	10		s.-Cu. WSW	10	Ci.-S.	Cu.-N. SSW
17	Calm	Calm	ESE	Calm	Calm	Calm	25.2	33.6	34	31.1	123.9	10	Ci.-S. NE	Cu.	10	A.-Cu.	Cu.-N. SW
18	Calm	Calm	ESE	Calm	Calm	NW	22.7	31.1	29.8	27.7	111.3	7	Ci. N	S.-Cu. W	10		Cu.-N. W
19	Calm	Calm	Calm	S	Calm	SW	18.8	24.3	46.2	34.8	124.1	10	Ci.-S. E	S.-Cu.	10		Cu.-N. S
20	Calm	Calm	Calm	SE	Calm	NW	9.5	28.4	51.3	22.3	111.5	10		cu.-N. SSE	10	Ci.-S. E	Cu.-N.
21	W	Calm	ESE	E	W	WNW	29.2	33.8	25.4	27.9	116.3	10		S.-Cu. SE	10		Cu.-N. NE
22	W	Calm	W	NW	Calm	NW	25.5	36.8	43.5	18.5	124.3	10		N. NW	10		S.-Cu. E
23	Calm	Calm	ENE	SE	NW	NW	14.5	28.4	42.6	40.2	125.7	8	Ci.	S.-Cu.	10	Ci.	Cu.-N. E
24	W	NW	NW	WNW	NW	NW	35.7	49.7	36.4	43	164.8	3	Ci.	Cu.	10		N. ENE
25	WNW	NW	NW	NW	NW	Calm	47.5	64.1	62.5	48.1	222.2	2	Ci.	Cu. NE	6		Cu.-N. NNE
26	WNW	Calm	NW	NW	NW	NW	37.8	65	92.8	41.2	236.8	8	Ci. SE	s.-Cu. NNW	10		N. NW
27	WNW	WNW	NW	WNW	WNW	WNW	48.8	44.8	94.3	68.9	256.8	7	Ci.	Cu.-N. NW	10		Cu.-N. NW
28	WNW	NW	NW	WNW	WNW	WNW	53.9	63.4	89.1	71.1	277.5	10		N. NW	10		Cu.-N. NW
29	NW	NW	NW	NW	NW	WNW	78.6	60.6	106	111.8	357	10		N. NNW	10		N. NW
30	NW	NW	NW	NW	NW	NW	110.8	86.9	96.1	65.4	359.2	10	Ci.-S.	N.-cf. NNW	10	Ci.-S.	Cu.-N. N
Mean	------	------	------	------	------	------	35.3	44.3	51.7	37.4	163.7	8.4			9.3		
Total	------	------	------	------	------	------	------	------	------	------	5,061.2	----			----		

TACLOBAN.

[$\phi = 11° 15'$ N; $\lambda = 125° 00'$ E; barometer above sea, 3.4 meters; gravity correction not applied, —1.82 mm.]

DECEMBER, 1916.

Day.	Atmospheric pressure, 700 mm. +							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	55.68	56.05	55.97	53.66	53.86	54.26	54.91	24.5	24	26.1	26	24.5	24.5	24.9	26.7	22.1	83	87	83	84	94	94	87.5	86.2
2	53.63	54.21	56.59	55	56.37	57.43	55.54	22.6	22.8	24.5	27.3	25.2	24	24.4	27.5	21.4	95	97	92	79	92	96	91.8	1.3
3	56.09	57.19	58.29	56.51	57.83	58.92	57.47	23.6	24	26.5	30.2	27	25.4	26.1	30.7	22	97	98	94	74	84	93	90	.7
4	57.92	58.14	58.57	56.62	56.83	57.57	57.61	24.5	24	29	27.1	27	25.4	26.2	31	23	96	98	78	81	92	93	89.7	7.4
5	56.62	56.24	57.65	55.04	55.63	56.58	56.29	25.3	25	26.4	31.7	27.5	26.5	27.1	32.5	23.4	93	94	89	64	81	82	83.8	4.6
6	55.48	56.18	56.84	55.56	56.13	57.10	56.22	24.7	24.5	27.3	26.8	25.5	24.5	25.6	28.9	23.5	94	92	82	86	93	96	90.5	27.1
7	56.10	56.38	57.08	55.27	56.27	57.44	56.42	24	24	27.5	26	25.4	24.6	25.2	30.4	23.1	96	96	81	90	93	95	91.7	16.1
8	56.30	56.49	57.19	55.86	56.23	57.68	56.62	24	23.5	29.2	25.9	26	24.5	25.5	30.5	22.7	96	97	76	93	87	96	90.8	4.7
9	56.49	57	58.26	55.96	56.73	57.67	57.02	24.5	24	29.2	28.8	26.9	25.2	26.4	31.5	22.9	96	98	75	76	81	94	85.8	.6
10	56.84	57.45	58.27	55.91	56.77	57.95	57.20	24.5	24.2	28.5	30.7	26.6	25	26.6	32	23.4	96	97	78	74	83	95	87.2	.3
11	56.86	57.09	57.62	55.59	56.82	57.52	56.92	24.5	24.5	28	26.8	25.7	24.9	25.7	30.4	23.5	96	96	77	86	90	92	89.5	9.1
12	56.04	56.74	57.63	56.45	57.06	57.89	56.97	25	23.8	27.3	24	24.5	24.5	24.8	28	23	92	89	81	95	96	96	91.5	36.6
13	56.54	57.15	57.67	55.58	56.83	57.12	56.82	24.3	24.3	26.9	25.9	26	24.8	25.4	27.5	23.4	93	96	86	93	92	93	92.2	49.4
14	55.75	56.74	58.46	56.34	56.18	56.81	56.71	24.7	24.4	24	24	24.8	24	24.3	26.3	22.8	89	97	98	96	95	98	95.5	49.3
15	55.13	55.60	56.73	55.02	56.04	57.05	55.93	25	24.4	26.8	25	24.9	24.7	25.1	30	23.3	92	97	89	96	96	97	94.5	15.7
16	56	56.54	57.45	55	55.66	56.37	56.17	24	23.7	26.8	29.9	27	25.2	26.1	30	22.8	97	96	86	75	81	94	88.2	1.8
17	55.23	56.18	56.98	55.29	56.32	56.82	56.14	24.5	24.3	26.8	25.3	24.7	25.5	25.2	27	23.4	96	97	87	93	97	88	93	27.6
18	55.69	56.43	56.93	54.60	56.13	57.32	56.18	25.4	24	28.5	28.3	25.1	25	26	30.6	23.3	90	95	83	87	95	94	90.7	12.1
19	55.87	56.74	57.65	55.22	56.47	57.60	56.59	25	24.8	29	30	27	24.6	26.7	30.5	23.5	97	93	79	75	84	95	87.2	.6
20	56.60	57.32	57.58	55.67	57.14	58.16	57.08	23.5	23	27.8	28.5	26	25.8	25.8	31.2	22.4	96	98	79	73	88	87	86.8	9.8
21	57.22	57.94	57.80	55.82	56.84	57.65	57.21	24.5	24.5	26.6	28	26.4	25.8	26	29.5	23.7	96	96	90	77	84	87	88.3	2.5
22	56.04	57.35	57.50	55.21	56.67	57.85	56.77	25	25	26.5	27.8	26.8	24	25.8	29.5	23.6	92	93	84	82	89	93	88.8	1.5
23	56.65	57.16	57.64	55.40	56.48	57.64	56.83	23.5	23.1	28.5	31.5	26.2	24.2	26.2	31.7	22.4	97	97	73	57	79	90	82.2	------
24	56.21	56.81	57.55	56.18	57.50	57.78	57	23.6	23.4	26.5	25.7	23.5	23.5	24.4	26.7	22.4	91	92	84	88	91	96	90.3	25
25	56.79	57.25	57.88	56.20	57.64	57.96	57.29	23.5	23.5	25	25.6	24.3	23.2	24.2	25.9	22.2	96	96	92	91	96	95	94.3	56.8
26	56.57	56.35	57.20	56.04	57.19	56.92	56.71	23.4	23.6	25.6	24.8	24.4	23.4	24.2	25.9	22.4	97	97	92	95	91	88	93.3	12.5
27	56.06	56.42	57.14	55.32	56.67	57.08	56.45	23.9	22.9	24.9	26.4	25.5	24.6	24.7	28	21.9	87	93	94	89	88	92	90.5	18.7
28	56.29	57.48	58.22	56.42	57.72	57.94	57.34	24.8	24.3	26	27.9	25	24.5	25.4	28	22.9	89	93	92	78	88	91	88.5	19.5
29	56.90	57.36	57.84	55.81	57.12	58.14	57.20	23.5	24	26.5	27	25.5	23.5	25	28.8	22.3	96	96	84	87	88	96	91.2	16.3
30	56.51	57.36	58.14	55.63	57.10	57.99	57.12	23.5	23	26.5	28	24.4	24.2	24.9	28.8	22.2	90	96	85	77	93	94	89.2	5.3
31	57.10	58.29	58.60	56.52	58.13	58.99	57.94	23.5	24.4	28.2	27.5	26	25.2	25.8	30	22.8	96	93	80	84	86	92	88.5	------
Mean	56.23	56.83	57.58	55.64	56.66	57.46	56.73	24.2	24	27	27.4	25.7	24.7	25.5	29.2	22.8	93.8	95	84.6	83.1	89.3	93	89.8	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	519.1

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Mid-night.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NW	NW	NW	WNW	WNW	W	93.5	109.9	107.2	76.2	386.8	10	A.-Cu. ENE	S.-Cu. N	10	----------	N. NW
2	WSW	Calm	Calm	Calm	Calm	Calm	49.9	34.9	33.2	5.9	123.9	10	----------	N. WNW	10	----------	S.-Cu. S
3	Calm	WNW	Calm	SE	SE	Calm	24.1	34.4	47.7	18.3	124.5	10	Ci. E	S.-Cu. SE	8	A.-Cu. ENE	Cu.-N. ESE
4	Calm	WNW	NW	NNW	Calm	WNW	35.4	43	27.9	30.4	136.7	8	Ci.	Cu. E	10	----------	N. NE
5	NW	NW	Calm	Calm	Calm	NW	41.2	40.5	29	36	146.7	10	----------	S.-Cu. NE	9	Ci.	Cu.-N. E
6	WNW	NW	NW	Calm	Calm	Calm	53.6	60.2	22.3	21.9	158	10	----------	S.-Cu. NE	10	Ci.-S.	Cu.-N. ENE
7	WNW	NW	NW	NW	Calm	Calm	40.4	44.8	35.4	20.9	141.5	3	A.-Cu. ESE	Cu.	9	----------	N. ENE
8	W	NW	Calm	SE	E	W	40.4	34	34	29.3	137.7	1	----------	Cu.-N.	10	----------	N. E
9	WSW	NW	Calm	Calm	E	WNW	38.3	28.7	28.5	28.8	124.3	5	Ci.-S.	Cu.-N. ESE	10	Ci.-S.	Cu.-N. ESE
10	WNW	Calm	N	SE	Calm	Calm	31.9	37.3	44.1	33	146.3	5	A.-Cu. S	Cu. E	4	Ci. NW	Cu.-N. E
11	W	NW	NW	WNW	NW	WNW	57.3	48.1	42.1	44.9	192.4	10	Ci.	S.-Cu. ENE	10	Ci.	Cu.-N. ENE
12	NW	Calm	Calm	Calm	WNW	NW	45.9	35.6	26.9	44	152.4	10	A.-Cu. E	S.-Cu. ENE	10	----------	N. E
13	WNW	Calm	NW	WNW	Calm	Calm	44.8	35.4	30.8	25.7	136.7	10	----------	N. ENE	10	Ci.-S. SE	Cu.-N. ENE
14	Calm	E	SE	SE	Calm	Calm	25.2	69.8	35.4	19	149.4	10	----------	N. ESE	10	----------	N. SE
15	Calm	WNW	NW	SSE	Calm	Calm	29.3	31.2	48.8	25.9	135.2	10	----------	N. ESE	10	----------	N. ESE
16	WNW	Calm	Calm	Calm	E	WNW	31.6	25.7	43.5	11.5	112.3	10	A.-Cu. E	S.-Cu. ESE	10	Ci.	Cu.-N. E
17	Calm	WNW	WNW	Calm	Calm	ESE	36.7	41.3	21.4	38.6	138	10	----------	Cu.-N. E	10	----------	N. E
18	Calm	Calm	Calm	SSE	Calm	Calm	20.6	27.9	68.1	20.6	137.2	10	Ci. E	Cu.-N. SE	10	----------	Cu.-N. ESE
19	W	WNW	SE	SE	ESE	NW	31.2	46.5	84.5	30.8	193	3	----------	Cu. ESE	4	----------	Cu.-N. E
20	Calm	WNW	Calm	ESE	Calm	WNW	33.8	30.1	32.7	24.7	121.3	5	A.-Cu. ESE	S.-Cu.	10	----------	Cu.-N. ENE
21	Calm	NW	Calm	NE	Calm	Calm	25.2	43	32.4	16.7	117.3	10	----------	Cu.-N. E	10	A.-Cu. E	S.-Cu. ENE
22	NW	NW	Calm	NW	Calm	Calm	36.7	27.4	22.5	17.2	103.8	10	----------	S.-Cu. E	10	Ci.-S. SE	Cu.-N. ENE
23	W	NW	NW	E	Calm	NW	45.9	45.4	41.8	27.4	160.5	3	----------	S.-Cu. NE	5	----------	Cu. NE
24	NW	NW	NW	Calm	Calm	WNW	49.6	42.6	37.5	34.8	164.5	10	----------	Cu.-N. NE	10	----------	N. ENE
25	WNW	NW	NW	NW	Calm	WNW	45.6	47.8	31.6	39.7	164.7	10	A.-Cu. E	S.-Cu. ENE	10	----------	Cu.-N. NE
26	NW	NW	NW	Calm	NW	NW	38	35.9	25.2	67.4	166.5	10	----------	N. NE	10	----------	N. ENE
27	NW	Calm	Calm	E	Calm	Calm	48.3	21.7	34.6	9.9	114.5	10	----------	N. E	10	----------	N. E
28	Calm	E	NNE	E	Calm	Calm	26.4	29.3	36.4	18.8	110.9	10	----------	N. E	10	----------	S.-Cu. E
29	Calm	Calm	Calm	E	NE	Calm	15.3	28.8	46.1	36.8	127	10	----------	N. E	10	A.-Cu. SE	N. ESE
30	Calm	NW	Calm	SE	SSE	W	26.2	28.5	38.6	29.8	123.1	10	A.-Cu. SE	Cu.-N. ESE	10	----------	S.-Cu. SE
31	Calm	Calm	SE	SSE	SSE	SE	21.7	61.7	85.9	33.6	202.9	10	----------	Cu.-N. SE	10	Ci. E	S.-Cu. SE
Mean	------	------	------	------	------	------	38.2	41	41.2	29.6	150	8.3	----------	----------	9.3	----------	----------
Total	------	------	------	------	------	------	------	------	------	------	4,650	----	----------	----------	----	----------	----------

CAPIZ.

[ϕ=11° 35′ N; λ=122° 45′ E; barometer above sea, 6.6 meters; gravity correction not applied, —1.81 mm.]

JANUARY, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.57	56.97	58.87	55.91	55.34	54	56.44	26.6	26.4	25.8	23	23	24.4	24.9	27.4	22	89	89	93	89	97	93	91.7	370.2
2	51.48	52.30	53.79	52.74	54.17	55.33	53.30	23.5	22.4	23.7	26.2	24.3	23.4	23.9	28.2	22.1	99	97	99	90	97	98	96.7	29.6
3	55.16	55.97	57.22	56.19	57.46	58.99	56.83	23.1	23.1	28.5	27.5	26.4	24.4	25.5	30.4	22.8	97	97	78	84	90	96	90.3	12.8
4	58.79	59.44	60.95	58.35	59.08	60.41	59.50	22.9	22.8	29.2	30.6	27	25.2	26.3	31.6	22.6	97	97	70	72	87	97	86.7	16.8
5	59.57	59.89	61.42	58.80	59.40	60.52	59.93	24.7	24.8	27.7	29.6	26.1	25.7	26.4	31.2	24.4	97	98	83	70	86	90	87.3	.3
6	59.53	59.74	60.86	59.11	59.35	60.50	59.85	25.5	24.5	28.7	29.5	26.6	26	26.8	31.3	24.1	90	94	73	71	87	90	84.2	------
7	59.63	59.82	60.85	58.86	59.42	60.32	59.82	25.6	24.8	28.2	29.9	27	25.2	26.8	31.5	24.5	92	93	79	72	83	92	85.2	------
8	60.17	60.36	61.72	59.87	60.55	61.53	60.70	25.3	24.8	27.5	29.1	27	26.7	26.7	31	24.6	92	93	84	74	84	81	84.7	.3
9	61.07	61.30	62.31	60.12	60.92	61.88	61.27	25.8	25.6	26.1	29.2	27.1	26.5	26.7	30.8	24.7	87	87	91	76	87	80	84.7	1
10	61.42	61.71	62.75	60.32	60.61	62.17	61.50	25.2	25	28.7	28.6	27.2	26.9	26.9	31.2	25	90	92	74	76	83	86	83.5	------
11	61.37	61.81	62.77	60.35	60.50	61.15	61.32	25	24.5	27.2	27.5	25.6	25.9	26	30.6?	24.2	94	96	81	85	94	88	89.7	23.8
12	60.13	60.24	61.46	59.16	59.90	60.70	60.26	25.2	25.4	26.7	27.4	25.5	25.6	26	29.1	24.2	90	88	80	81	93	91	87.2	1.3
13	59.56	59.66	60.60	58.27	58.92	59.19	59.37	25.1	25.2	28.7	28.1	26.5	26.3	26.6	30.2	25	92	87	77	79	84	82	83.5	5
14	58.10	57.62	58.50	55.75	56.93	56.50	57.07	25.8	24.8	26.5	26.5	25.6	24.5	25.6	27.8	24	84	89	84	84	91	97	88.2	45.2
15	54.15	53.75	55.24	53.31	54.22	55.73	54.40	25	25	25.3	25.5	25.5	24.9	25.2	27	24.3	92	92	97	96	92	96	94.2	44.4
16	55.23	55.94	58.29	56.64	57.59	59.29	57.16	24.9	25.4	25.1	24.9	24.9	24.8	25	27.3	24.4	89	80	83	81	81	78	82	1.4
17	58.69	58.76	60.26	58.34	59.16	60.34	59.26	24.5	24.5	25.5	26.2	24.6	24.4	25	28	21.7	79	79	73	72	72	77	75.3	11.7
18	59.56	59.79	61.21	59	59.91	60.69	60.03	22.8	23.4	26.1	26.6	24.8	24.2	24.6	28.4	21.7	78	76	70	68	73	78	73.8	------
19	59.87	59.99	61.21	59.58	60.16	60.93	60.29	24.1	23.8	26	28.1	25.4	24.7	25.4	29.4	23.5	79	81	73	64	76	75	74.7	------
20	60.16	60.19	61.25	58.86	59.47	59.99	59.99	24.3	23.5	26.8	27.6	25.4	24.9	25.4	29.3	23.2	77	79	66	66	74	74	72.7	------
21	59.09	59.11	60.06	57.94	58.47	58.67	58.89	24.6	24.4	26.5	27.3	25.6	25.5	25.6	28.5	24.2	76	78	75	75	82	83	78.2	.3
22	57.74	57.89	58.42	57.13	57.40	57.90	57.75	24.5	24.4	26	24.5	24.4	24.7	24.8	27.4	23.6	88	88	81	96	92	94	89.8	6.6
23	57.13	57.51	58.22	56.20	57.29	58.42	57.46	24.1	24.8	28	28.3	26.4	26	26.3	30.2	23.7	95	93	82	82	89	92	88.8	2.5
24	58.03	58.13	59.03	57.22	58.13	59.50	58.34	25.7	25.1	27	27.2	25.5	25.3	26	28.6	23.2	91	91	86	84	92	93	89.5	11.4
25	59.01	59.29	60.76	58.68	58.69	59.75	59.36	23.5	24.4	27.7	28.4	26	25.7	26	30.1	23.2	96	74	84	76	88	91	88.2	3
26	58.37	58.64	59.90	57.68	58.47	59.73	58.80	25	24.4	26.1	27.5	24.8	24.5	25.4	29.3	24	92	92	87	81	93	92	89.5	4.6
27	58.51	58.41	59.40	57.05	57.42	58.52	58.22	24.5	24.5	26.5	28.8	27	26.1	26.2	30.3	24.2	92	92	86	76	87	87	86.7	.3
28	58.05	58.14	58.99	56.78	57.29	59.07	58.06	25.5	25.5	27.2	29	26.6	24.2	26.3	30.7	23.9	89	88	81	74	86	98	86	20.9
29	57.57	57.59	58.28	56.10	56.92	58.34	57.47	24.2	24.4	27.5	28.6	25.6	25.5	26	30.3	23.9	98	97	82	79	81	87	87.3	4.3
30	57.74	57.96	58.86	56.77	57.25	58.18	57.79	24.4	24.2	27.5	28.2	26.2	25.8	26	30.3	23.9	94	93	76	75	80	88	84.3	6.4
31	57.23	57.09	58.02	56.07	56.32	57.62	57.06	24.9	24.4	26.7	29	26.5	25.5	26.2	30.8	24	94	96	86	75	87	93	88.5	2.9
Mean	58.38	58.55	59.72	57.65	58.25	59.22	58.63	24.7	24.5	26.9	27.7	25.8	25.3	25.8	29.6	23.7	90	89.9	81.1	78.2	86.1	88.3	85.6	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	627

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Lower.	Amount.	Form and direction. Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	N	N	NE	NW	WNW	W	65.2	52.9	89.3	166.8	374.2	10	Ci.-S.	N. N	10	----------	N. NW
2	W	S	SE	SW	W	Calm	-----	-----	-----	-----	-----	10	----------	N. S	8	Ci.-S.	Fr.-N. SW
3	Calm	Calm	S	S	ESE	Calm	-----	-----	-----	-----	-----	8	Ci.-S.	N. S	9	Ci.-S.	N. S
4	Calm	Calm	SE	NE	ENE	Calm	-----	-----	-----	8.5	-----	8	Ci.	Cu.	3	Ci.	Cu. E
5	NE	Calm	NE	E	Calm	NE	9.2	61.4	60	4.6	135.2	10	----------	N. NE	4	Ci.	Cu. E
6	NE	Calm	E	NE	Calm	N	24.6	38.4	48.5	19.8	131.3	8	Ci.	Cu.	3	Ci.	Fr.-Cu. NE
7	NE	NE	E	E	Calm	Calm	23.6	51	59	8.3	141.9	5	Ci.	Fr.-N. E	2	Ci.	Cu. E
8	ENE	Calm	ENE	ENE	ENE	ENE	22.7	52.1	57.1	51.8	183.7	8	Ci.	Fr.-N. E	9	A.-Cu.	N. E
9	ENE	ENE	ENE	NE	ENE	ENE	45.9	66.6	55.5	42.1	210.1	7	Ci.	N. E	8	Ci.	Fr.-Cu. NE
10	ENE	ENE	NE	NE	NE	NE	39.4	56.6	56.3	49.4	201.7	6	Ci.	N. E	6	Ci.	Cu.-N. NE
11	NE	NE	NE	NE	NE	NE	58.5	53.1	57.6	51.5	220.7	10	----------	N. NE	10	Ci.-S.	N. NE
12	NE	NE	NNE	N	N	N	57.9	78.4	77.7	63.4	277.4	9	Ci.-S.	N. NE	10	Ci.-S.	Fr.-N.NNE
13	N	N	N	N	N	N	49.4	72.9	87.1	69.8	279.2	9	Ci.-S.	N. NNE	10	----------	N. N
14	NW	N	N	N	N	N	-----	-----	99.5	110.8	-----	10	----------	N. N	10	Ci.-S.	Fr.-N. N
15	NW	NW	NW	NW	NNW	NW	116.5	138.2	129	128.4	512.1	10	----------	N. NW	10	----------	N. NNW
16	NNW	NNW	NNW	N	N	N	159.6	154.2	142.9	153.2	609.9	10	----------	N. NNW	10	----------	N. N
17	N	N	N	N	N	N	137.6	130.4	136.3	114.9	519.2	10	----------	N. N	10	Ci.-S.	Fr.-N. N
18	N	N	N	N	N	N	84.3	74	75.6	63.6	297.5	8	Ci.-S.	Fr.-N. N	8	Ci.-S.	N.
19	N	N	N	N	N	NE	91.4	74.8	75.9	62.8	304.9	8	Ci.-S.	Fr.-N. N	6	Ci.	Cu.
20	N	N	N	N	N	NE	59.5	60.4	75.6	54.7	250.2	9	Ci.-S.	Fr.-N. N	8	Ci.-S.	N. N
21	N	N	N	N	NW	N	63.6	75.3	65.8	71.8	276.5	10	Ci.-S.	N. N	9	A.-S.	Fr.-N. N
22	N	N	NNW	NNW	NNW	N	76.2	90.9	54.9	78.4	300.4	10	Ci.-S.	N. N	10	Ci.-S.	N. N
23	NNW	NNW	N	N	Calm	NNW	68.4	69.5	54.1	33.5	225.5	10	----------	N. N	7	Ci.-S.	N. N
24	N	N	N	N	N	N	58.5	90.9	92.7	61.2	303.3	10	Ci.-S.	Fr.-N. N	10	----------	Fr.-N. N
25	N	N	NNW	NNW	N	N	40.8	78.6	91.7	75.4	286.5	10	Ci.-S.	Fr.-N. N	6	A.-Cu.	Cu. N
26	NNE	NE	NE	NE	NE	NE	61	63.1	89.8	65.5	279.4	10	Ci.-S.	N. NE	10	Ci.-S.	Fr.-N. NE
27	NE	NE	NE	NE	NE	NE	59.3	55.5	55.8	53.1	223.7	8	Ci.-S.	Fr.-N. NE	8	Ci.	Cu. E
28	NE	NE	NE	E	E	NE	42.3	68.1	69.2	54.2	233.8	10	Ci.-S.	N. NE	7	Ci.	Fr.-Cu. E
29	NE	NE	NE	NE	NE	NE	37	50.4	68.7	46.2	202.3	10	Ci.-S.	Fr.-N. NE	4	Ci.	Fr.-Cu. NE
30	NE	NE	NE	NE	N	NNW	25.7	39.2	42.1	20.1	127.1	10	Ci.-S.	N. NE	6	Ci.	Cu. NE
31	N	Calm	N	N	Calm	Calm	21.7	32.2	40.4	17.2	111.5	10	Ci.-S.	N. NE	8	Ci.	Cu. N
Mean	-----	-----	-----	-----	-----	-----	59.3	71.4	75.3	62.1	267.4	9.1	----------	----------	7.5	----------	----------

CAPIZ.

[$\phi = 11°\ 35'$ N; $\lambda = 122°\ 45'$ E; barometer above sea, 6.6 meters; gravity correction not applied, —1.81 mm.]

FEBRUARY, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.02	57.04	58.53	56.40	56.71	57.84	57.26	25.4	25.2	27.5	27.9	26.5	26	26.4	30.4	24.9	93	92	81	82	85	88	86.8	------
2	57.45	57.59	58.99	56.48	57.01	57.79	57.55	25	24.4	27.6	28.3	26.5	25.6	26.2	30.6	24.2	92	93	80	79	86	93	87.2	------
3	57.32	57.60	58.61	56.91	57.18	58.47	57.68	24.8	23.9	29.5	29.4	27.5	26.5	26.9	31	23.9	93	97	78	75	84	92	86.5	------
4	58.05	58.08	59.41	57.02	57.12	58.28	57.99	24.8	23.6	29.5	30.5	27.8	25.8	27	32.2	23.4	93	97	72	71	82	92	84.5	------
5	57.82	58.05	59.30	57.11	57.57	58.67	58.09	24.3	23.3	29	30.5	27.5	25.7	26.7	32.4	23.2	96	96	74	69	85	94	85.7	------
6	58.52	58.92	60.22	57.63	57.31	57.94	58.42	24.9	25	27.1	29.8	27.2	25.2	26.5	31.8	24.2	95	97	80	69	81	90	85.3	------
7	57.64	57.76	58.79	56.82	56.79	57.69	57.58	24	22.6	28	29.7	26.8	24.5	25.9	31.2	22.6	93	97	76	67	74	89	82.7	------
8	57.36	57.50	58.74	57.02	57.24	59.21	57.84	22.8	21.4	28	29.3	26	22	24.5	31.1	21	93	94	74	66	76	92	82.5	------
9	59.08	59.73	60.65	59.03	59.32	60.67	59.75	20.4	19.4	28	29.5	25.5	21.4	24	30.8	19.3	96	96	71	61	72	88	80.7	------
10	59.98	60.29	61.78	59.80	59.67	60.93	60.41	20.2	19.6	27.5	29.3	26.2	25.2	24.7	30.9	19.5	94	94	68	63	76	86	80.2	0.3
11	60.06	60.19	61.68	59.37	60.02	61.02	60.39	23.1	22.6	28.5	29.5	26.5	24.5	25.8	30.9	22.4	92	92	70	68	80	92	82.3	16.5
12	60.14	60.14	61.67	59.39	59.77	61.32	60.40	24	24.6	27.7	27.7	24.6	25.1	25.6	30.8	23.5	91	87	76	75	89	83	83.5	1.8
13	60.49	60.62	61.93	59.70	59.77	62.02	60.76	25	24.9	26.9	27.8	26.6	24.5	26	29.5	23.9	83	82	79	71	80	90	80.8	------
14	60.99	61.03	62.15	59.76	59.60	61.02	60.76	24.5	23.9	28.2	29.4	26.4	26	26.4	30.8	23.7	90	93	72	72	81	84	82	------
15	59.86	59.99	61.45	59.01	59.13	60.85	60.05	24.3	22.6	27.7	29.1	26.9	24.5	25.8	31	22.6	91	93	68	66	77	90	80.8	------
16	59.69	59.82	61.72	59.20	59.32	60.82	60.10	23.7	23	27.6	29.2	27	26.5	26.2	31.2	22.8	94	95	76	70	77	82	82.3	------
17	59.33	59.47	60.95	58.15	58.42	59.67	59.33	25	23.7	28.1	29.8	27	26.3	26.6	31.7	23.6	90	94	77	63	83	82	81.5	------
18	58.73	58.48	59.45	57.02	56.96	58.18	58.14	25.9	25.2	28.5	29.2	27	24.7	26.8	31.4	24.6	86	89	78	76	84	94	84.5	11.4
19	57.62	57.76	58.33	56.09	56.50	57.94	57.37	25.2	23.5	25.7	27	26.3	24.7	25.4	28.3	22.4	90	96	90	85	85	95	90.2	7.9
20	56.95	57.19	57.96	56.52	56.56	58	57.20	24.9	24.5	27	28	26.4	26.1	26.2	30.2	24.5	93	96	84	81	86	85	87.5	42.7
21	56.49	57.26	58.65	56.11	56.41	57.89	57.14	25.8	23.5	26.8	28.2	26.5	26.2	26.2	30.2	23.2	87	96	88	77	80	88	86	.6
22	57.57	57.40	58.59	56.49	57.56	58.73	57.72	24.9	24.1	27.8	26.5	24	23.8	25.2	31.4	23	92	98	83	90	97	97	92.8	45.8
23	57.64	58.01	59.32	57.26	57.78	59.23	58.21	23.3	22.4	28	29.6	25.9	23.8	25.5	31.4	22.2	97	97	74	72	81	91	85.3	------
24	58.14	58.35	59.04	57.43	57.57	58.99	58.25	22.4	21.7	28	29.4	26.6	24.5	25.4	31.2	21.4	96	96	73	70	77	90	83.7	1.5
25	58.64	58.85	59.78	57.62	57.66	58.69	58.54	24	22.8	28	29	26.5	24.1	25.7	30.8	22.6	92	97	74	68	80	92	83.8	------
26	58.44	58.60	59.67	57.87	57.34	58.69	58.44	23.5	22.4	28.9	28.5	26.7	25.5	25.9	31.3	22.2	94	96	73	70	72	83	81.3	------
27	57.77	58.47	59.72	57.51	57.61	58.93	58.34	23.4	22	27.7	30	26.2	25.7	25.8	31.2	21.8	86	96	69	65	76	81	78.8	------
28	58.14	58.47	59.89	57.10	57.37	58.75	58.29	23.1	22.1	28.8	30	27.5	27	26.4	31.7	22.1	92	95	69	64	76	86	80.3	------
29	58.487	58.33	59.81	57.76	57.48	58.77	58.44	26.2	25.8	28.8	28.5	27.2	26.5	27.2	31.2	25.6	87	87	78	75	83	82	82	1.3
Mean	58.46	58.65	59.89	57.71	57.89	59.21	58.64	24.1	23.2	27.9	29	26.5	25.1	26	31	22.9	91.8	94.1	76	71.7	80.9	88.7	83.8	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	129.8

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	N	NNE	N	N	N	NNE	55	62	48	34.8	199.8	10	Ci.-S.	Fr.-N. NNE	9	Ci.-S.	Fr.-N. N
2	NNE	ENE	NE	NE	N	Calm	32.4	38.1	39.2	5.8	115.5	10	Ci.-S.	N. NE	8	A.-Cu.	Fr.-N. NE
3	Calm	Calm	N	N	Calm	Calm	8.5	29.5	46.2	3.4	87.6	9	Ci.-S.	Fr.-N. NE	4	----------	Fr.-N. N
4	Calm	Calm	NW	N	Calm	Calm	3.8	20.1	39.6	4.8	68.3	5	Ci.-S.	Cu.	4	Ci.	Cu. S
5	NE	Calm	NE	N	Calm	Calm	12.7	23.3	41.8	8.5	86.3	4	Ci.	N.	4	----------	Cu. ESE
6	SE	Calm	N	NW	NW	Calm	14.8	29.2	45.7	5.4	95.1	9	----------	Fr.-N. S	2	----------	Cu.
7	Calm	Calm	NW	NE	N	Calm	1.9	32.4	44.5	8	86.8	3	Ci.	Cu.	2	----------	Cu. SW
8	Calm	Calm	N	N	Calm	Calm	4.3	21.2	43.1	3.5	72.1	2	----------	Cu.	2	----------	Cu.
9	Calm	Calm	N	N	Calm	Calm	1	24.4	41	6.9	73.3	4	----------	Fr.-Cu. N	1	----------	Cu. N
10	Calm	Calm	NE	NNE	NNE	NE	3.5	24.1	47.5	31.1	106.2	6	Ci.	N. N	6	Ci.	Fr.-Cu. N
11	NE	Calm	NE	NNE	N	ENE	17.5	34.3	39.1	20.6	111.5	7	Ci.	Fr.-N. NE	7	Ci.	Cu. NE
12	N	ENE	NE	NE	Calm	NE	36.5	88	80.3	39.2	244	10	Ci.-S.	Fr.-N. ENE	9	Ci.-S.	Fr.-N. NE
13	NE	NE	NE	NE	Calm	Calm	51.3	56.8	46.4	14	168.5	10	Ci.-S.	N. NE	9	Ci.-S.	Fr.-N. NE
14	Calm	Calm	NE	NE	NE	NE	6.6	48.9	58.9	41.3	155.7	10	A.-Cu.	Fr.-N. NE	3	Ci.	Fr.-Cu. NE
15	NE	NE	NE	ENE	Calm	Calm	27.2	54.4	56.5	3	141.1	6	Ci.	Fr.-Cu. NE	8	Ci.	Cu. ENE
16	Calm	Calm	NE	NE	NE	NE	6.9	34.9	49.9	39.1	130.8	6	Ci.	Fr.-N. NE	6	Ci.	Cu. NE
17	Calm	Calm	ENE	NE	Calm	NE	17.9	42.8	41	20.1	121.8	5	Ci.	Cu. NE	8	Ci.-S.	Cu. NE
18	Calm	NE	NE	NE	N	NE	19	44.1	69.4	55.8	188.3	10	Ci.-S.	N. NE	8	Ci.-S.	N. NE
19	N	N	WNW	N	N	NE	65.4	19.3	48.5	48	181.2	10	----------	N. NE	10	Ci.-S.	Fr.-N. NE
20	E	SE	NE	NE	NE	NE	33	48.3	82.4	53.9	217.6	10	----------	N. SE	10	Ci.-S.	Fr.-N. NE
21	NE	NE	NE	E	NE	E	64.4	51.2	94.1	63.4	273.1	10	Ci.-S.	N.	9	Ci.-S.	Fr.-N. E
22	Calm	Calm	E	E	Calm	S	14.5	42.3	41.3	18.3	116.4	10	Ci.-S.	N. E	10	Ci.-S.	N. E
23	Calm	Calm	E	E	E	Calm	11	33.6	-----	-----	-------	3	Ci.	Cu.	7	Ci.	Cu. E
24	Calm	Calm	E	E	Calm	Calm	-----	-----	-----	-----	-------	8	Ci.-S.	Fr.-N. E	4	Ci.	Cu. E
25	Calm	Calm	NE	NNW	Calm	Calm	-----	-----	-----	-----	-------	8	Ci.	Fr.-N. E	7	Ci.-S.	Cu.
26	Calm	Calm	NE	NE	NE	Calm	-----	-----	-----	-----	-------	7	Ci.	N.	8	Ci.-S.	Cu.
27	Calm	Calm	NE	NNE	Calm	Calm	-----	-----	-----	-----	-------	8	Ci.-S.	N. NE	8	Ci.-S.	Fr.-N.NNE
28	Calm	Calm	NE	NNW	Calm	N	-----	-----	-----	-----	-------	7	Ci.	Cu. NE	4	Ci.	Cu.
29	N	Calm	NE	NW	NW	N	28.4	33.8	37	78.1	177.3	7	Ci.	Fr.-N. N	10	Ci.-S.	Fr.-N. NW
Mean	------	------	------	------	------	------	22.4	39	51.4	26.4	139.9	7.4	----------	----------	6.4	----------	----------

CAPIZ.

[$\phi = 11° 35'$ N; $\lambda = 122° 45'$ E; barometer above sea, 6.6 meters; gravity correction not applied, —1.81 mm.]

MARCH, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.44	58.82	60.35	58.84	59.03	60.27	59.29	26.1	26	27.5	25	25.2	25.1	25.8	28.5	24.1	82	81	79	88	81	76	81.2	11.3
2	59.35	59.47	60.91	58.85	58.87	60.87	59.72	24.8	24.6	28	28.3	25.5	25.2	26.1	29.9	24.2	77	78	65	64	72	79	72.5	1.5
3	59.66	59.83	61.60	59.46	59.48	61.22	60.21	24.9	24.4	26.6	27.8	26.2	25.4	25.9	29.8	22.9	79	80	74	73	82	86	79	19.8
4	60.20	60.29	61.74	59.78	59.66	60.99	60.44	24.8	24.6	25	25	24.3	24.1	24.6	26.9	23.8	90	91	89	83	88	92	88.8	------
5	59.76	60.41	61.45	59.06	59.47	59.83	60	23.8	23.7	28	29.1	26.8	26.2	26.3	31.5	23.6	93	94	74	70	78	90	83.2	1.5
6	59.09	59.11	59.91	57.55	57.83	59.09	58.76	25.3	24	28.3	29.5	27.1	26	26.7	30.8	23.7	92	95	78	72	80	89	84.3	.8
7	57.95	58.06	59.37	56.93	57.22	58.39	57.99	24.9	24.6	28	29	26.9	25	26.4	31.3	24.5	91	92	77	72	81	92	84.2	------
8	58.24	58.80	59.84	57.80	58	59.85	58.76	24.5	23.9	29.2	30.5	27.2	25.1	26.7	32.6	23.7	93	96	74	72	80	92	84.5	------
9	59.24	59.43	60.81	58.74	58.80	59.58	59.43	24.1	23.2	29.8	30.5	27.2	25.8	26.8	32.2	23.2	95	96	68	66	83	90	83	------
10	59.09	59.14	60.75	57.81	58.07	59.40	59.04	25.7	23.5	29	30.3	27.4	25.3	26.9	31.9	23.5	90	96	73	66	75	92	82	------
11	58.42	58.73	59.82	57.75	58.28	59.81	58.80	24.7	23.1	29	30.6	27.6	27	27	32.5	23	92	95	71	64	77	81	80	------
12	58.94	59.42	60.92	58.22	58.78	60.33	59.44	26	25.4	27.7	29.5	27.2	26.1	27	31.5	25.2	87	88	78	75	83	83	82.3	------
13	59.72	59.90	61.21	59.22	59.20	61.02	60.04	25.5	25.8	28.5	29.3	26.9	26	27	31.4	25	88	89	78	74	88	93	85	19
14	59.33	59.49	60.40	58.16	58.42	60.15	59.32	25.5	24.1	28.8	30.2	27.5	25.8	27	31.5	23.9	93	92	69	67	80	79	80	------
15	58.79	59.01	59.41	57.47	58.43	59.85	58.83	25.1	25	28.2	29.8	26.5	25.6	26.7	31.2	24.7	83	85	69	63	73	84	76.2	------
16	59.07	59.13	60.76	58.44	58.47	60.53	59.40	25	24.7	27.2	28.5	25.6	25.1	26	30.1	24.5	85	79	70	68	87	89	79.7	9.7
17	59.42	59.88	61.02	58.91	59.14	60.83	59.87	23	23.4	27.7	27.7	26.2	25.6	25.6	31.2	23	96	97	79	82	87	84	87.5	4.6
18	59.77	59.87	60.85	58.67	58.66	61.03	59.81	25	23.4	28.4	29.5	26.9	25.6	26.5	31.1	23	87	92	69	53	74	83	76.3	------
19	59.60	59.62	60.80	58.39	58.27	59.66	59.39	23.7	24.4	27.9	29.7	27.5	26.4	26.6	31.9	23.4	87	86	77	73	81	85	81.5	------
20	58.88	59.03	60.55	58.02	58.27	59.60	59.06	25.2	25.2	29.8	30.5	27.5	25.4	27.3	31.9	24.9	92	92	73	65	73	89	80.7	------
21	59.03	59.57	60.81	58.96	59.14	60.68	59.70	25.4	24.6	29.5	31	27.7	26.2	27.4	32.2	24.4	89	92	66	61	79	86	78.8	------
22	59.70	60.07	61.51	59.75	59.26	61.10	60.23	26.1	25.6	28.8	30.3	27.5	27	27.6	31.9	25.4	87	91	73	73	84	88	82.7	------
23	60.10	60.40	61.55	60.03	60.32	62.22	60.77	26	25.5	29.1	30.5	28	26.5	27.6	32.3	25.2	92	92	74	72	78	78	81	------
24	61.41	61.87	62.81	60.85	61.23	62.72	61.82	25.4	24.4	28.6	29.7	27.2	25.3	26.8	31.5	23.9	84	89	73	71	79	83	79.8	.3
25	61.66	61.74	63.15	60.42	60.57	62.25	61.63	24	24.2	26.5	27.4	26.7	26	25.8	29.9	23.5	88	86	80	78	72	76	80	.5
26	61.65	61.81	62.73	60.52	60.09	61.58	61.40	25.5	25	27.8	30	27.7	26.1	27	31.8	24.7	78	80	69	62	75	81	74.2	------
27	60.77	60.97	61.97	59.90	60.07	61.87	60.92	25	24.4	29	30.7	28	26.8	27.3	32.6	23.9	88	91	71	64	81	80	79.2	------
28	60.56	60.64	61.55	59.29	59.30	60.75	60.35	25.4	24.9	29	30.4	27.8	26.2	27.3	31.9	24.6	88	89	72	66	79	90	80.7	3
29	59.47	59.61	60.55	58.15	58.23	59.62	59.27	26.5	25	29.8	30.6	28	26.9	27.8	32	24.5	90	92	68	68	80	83	80.2	------
30	59.22	59.37	60.05	57.75	58.06	59.02	58.91	26	26.1	28.5	30.2	25.7	26	27.1	31.8	25.2	90	87	76	71	91	89	84	4.4
31	58.37	58.59	59.51	57.56	57.81	58.65	58.42	24.6	24	29.3	29.8	27.5	25	26.7	31.2	23.6	95	96	74	62	76	92	82.5	------
Mean	59.51	59.74	60.92	58.75	58.92	60.41	59.71	25.1	24.5	28.3	29.4	26.9	25.8	26.7	31.3	24.1	88.4	89.6	73.5	69.6	79.9	85.6	81.1	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	76.4

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Mid-night.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	N	N	N	N	NE	N	73.8	76.6	72.4	69.2	292	10		N. N	10	Ci.-S.	N. N
2	NNE	NE	NE	NE	NE	N	60.4	73.2	85.9	79.2	298.7	10	Ci.-S.	N. NE	9	Ci.-S.	N. NE
3	NE	E	NE	ENE	E	ENE	67.8	101.9	60	34	263.7	10	Ci.-S.	Fr.-N. E	9	Ci.-S.	Fr.-N.ENE
4	NE	NE	NE	ENE	ENE	Calm	25.4	59.2	39.7	14	138.3	9	Ci.-S.	Fr.-N. NE	10	------	N. ENE
5	Calm	E	ENE	NE	Calm	NNW	19	47.5	49.3	39.7	155.5	7	Ci.	Fr.-N. NE	6	------	Fr.-Cu.NE
6	NNW	N	NE	N	N	N	56.3	50.7	63.6	51.2	221.8	9	Ci.-S.	N. N	8	Ci.-S.	Fr.-N. N
7	Calm	ENE	NE	NE	Calm	Calm	16.9	42.9	51.7	2.6	114.1	4	Ci.	Cu. NE	3	Ci.	Cu. NE
8	Calm	Calm	ENE	N	Calm	Calm	10.2	32.2	51.5	3.4	97.3	6	Ci.	N.	2	------	Cu.
9	Calm	Calm	ENE	NE	Calm	Calm	2.2	33	35.6	12.7	83.5	5	Ci.	Cu.	5	Ci.	Cu.
10	Calm	Calm	NE	N	NE	Calm	13.9	40	51.3	3.7	108.9	5	Ci.	Cu. E	6	Ci.	Cu. NE
11	Calm	Calm	NE	NNW	NE	NE	1.6	45.6	50.2	39.1	136.5	5	Ci.	Cu. NE	2	------	Cu.
12	NE	NE	NE	NNE	NE	NE	53.4	67.3	66.2	35.9	222.8	8	Ci.	Fr.-N.	7	Ci.	Fr.-Cu.NNE
13	SE	E	NE	NE	NE	Calm	30.3	47.2	50.2	28.7	156.4	9	Ci.-S.	Fr.-N. E	8	Ci.	Fr.-Cu.NE
14	ENE	ENE	NE	N	NE	ENE	46.5	67.3	43.1	60.4	217.3	8	Ci.	Cu.	8	Ci.	Fr.-Cu.NE
15	NE	NE	NE	NE	NE	NE	37.5	63.4	68.9	47.2	217	8	A.-Cu.	N. NE	8	Ci.-S.	Cu. NE
16	NE	NE	NE	NE	NE	NNE	39.7	65.2	50.7	25.2	180.8	10	------	N. NE	8	Ci.-S.	N. NE
17	Calm	Calm	NNE	NE	Calm	NE	22.7	41.3	54.9	28.8	147.7	10	------	N. ENE	8	Ci.-S.	Fr.-N.NE
18	E	E	E	E	E	E	35.9	75.1	65	23.5	199.5	4	Ci.	Fr.-Cu. E	4	Ci.	Cu.
19	Calm	NE	NE	NE	NE	ENE	10.7	47.3	45.4	60.4	163.8	4	Ci.	N.	8	A.-Cu.	Cu. NE
20	ENE	ENE	NE	NE	NE	Calm	36.7	68.7	63.8	8.2	177.4	10	------	N. E	8	Ci.-Cu.	Cu.
21	ENE	ENE	NE	NE	NE	Calm	21.2	52.1	53.7	7.4	134.4	8	------	Fr.-N. NE	4	Ci.	Cu. NE
22	NE	NE	NE	NNE	NNE	N	42.6	52.3	62.3	36.4	193.6	7	Ci.	Fr.-N. NE	7	Ci.-S.	Cu. NE
23	NE	NE	NE	NE	NE	ENE	43.5	74.3	57.1	56.6	231.5	4	Ci.	Cu. NE	3	Ci.	Cu. NE
24	NE	NE	NNE	E	ENE	NE	26.6	65.7	76.7	89.8	258.8	6	Ci.	Fr.-Cu.NE	9	Ci.-S.	N. E
25	NE	NE	NE	NE	NE	NE	88.5	99.8	53.9	55	297.2	9	------	Fr.-N. NE	8	Ci.-S.	N. NE
26	NE	NE	NE	NE	NE	NE	53.7	57.7	41.5	50.2	203.1	9	------	N. NE	4	Ci.	Cu. NE
27	NE	NE	NE	ENE	NE	NE	31.9	71.1	59.2	70.3	232.5	7	Ci.	Fr.-N. NE	1	------	Cu. NE
28	NE	NE	NE	NE	NE	Calm	53.1	42.9	47.2	10.8	154	4	Ci.	Cu. NE	2	------	Cu. NE
29	NE	NE	NE	ENE	Calm	NE	32.4	61.8	51.3	49.7	195.2	4	Ci.	N.	4	------	Fr.-Cu.NE
30	Calm	NE	NE	NE	ENE	NE	33	58.7	46.5	21.4	159.6	10	Ci.-S.	N. NE	3	Ci.	Cu. NE
31	NE	Calm	NE	NE	N	Calm	12.3	47	46.7	3	109	9	Ci.-S.	N. NE	8	Ci.-S.	N. NE
Mean	------	------	------	------	------	------	35.5	59	55.3	36.1	185.9	7.2	------	------	6	------	------
Total	------	------	------	------	------	------	------	------	------	------	5,761.9	----	------	------	----	------	------

CAPIZ.

[$\phi = 11° 35'$ N; $\lambda = 122° 45'$ E; barometer above sea, 6.6 meters; gravity correction not applied, −1.81 mm.]

APRIL, 1916.

Day.	Atmospheric pressure, 700 mm. +							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.64	57.65	58.98	56.94	57.23	58.49	57.82	24	23	29	30.1	27.9	24.2	26.4	31.9	22.8	96	96	65	62	74	90	80.5	------
2	58.01	58.35	59.67	57.92	58.48	60.44	58.81	22.7	22.2	28.5	30	27	24.1	25.8	32.2	21.8	94	95	75	65	77	91	82.8	------
3	59.97	60.06	60.92	59.10	59	60.57	59.94	23.4	23.9	30.2	30.4	27.8	25.5	26.9	32.7	23.1	97	94	65	65	78	89	81.3	------
4	60.30	60.65	61.39	59.43	59.41	61.13	60.38	24.3	25.9	30.7	31	28	25.5	27.6	32.4	24.2	93	88	67	65	73	88	79	------
5	60.53	60.97	61.70	60.06	60.25	62.22	60.96	25	23.6	30.2	30.9	27.9	26.9	27.4	32.3	23.4	88	95	66	66	78	87	80	0.3
6	61	61.31	62.66	60.49	60.81	62.53	61.47	25.5	25.5	28.7	29.5	27.9	27.1	27.4	32.5	25	88	88	74	71	79	80	80	11.2
7	61.68	61.86	62.90	61.19	61.51	63.13	62.04	24.7	25.3	28.6	30.2	27.9	26.6	27.2	31.8	23.7	90	89	79	74	82	85	83.2	3
8	62.17	62.27	62.36	59.95	60.15	61.38	61.38	25.9	25.5	29	30	27.1	26.2	27.3	31.6	24.9	86	83	71	66	84	87	79.5	------
9	60.58	60.80	61.40	59.74	59.99	61.27	60.63	25.4	24.5	29.5	31.5	27.8	25.3	27.3	32.8	24	90	95	76	65	88	95	84.8	.3
10	60.35	60.42	61.69	59.72	59.83	60.97	60.50	25.4	24	29	30	25.9	26.2	26.8	32.7	23.7	94	96	76	75	92	85	86.3	2.5
11	60	60.27	61.24	58.85	59.03	60.88	60.04	25.9	25.4	28.9	30.7	28.3	26.9	27.7	32.3	25	86	88	81	72	70	83	80	------
12	60.15	60.27	61.31	59.24	59.26	61.47	60.28	25.9	25.6	28.5	30.6	28.4	26.9	27.6	32.3	25.2	90	92	85	75	85	91	86.3	2.1
13	60.22	60.32	61.55	59.16	59.39	61.35	60.33	25.6	25.5	29.2	31.5	28.2	27	27.8	32.8	24.9	91	91	74	65	83	86	81.7	------
14	60.02	60.06	61.24	58.93	59.03	60.33	59.94	26	25.6	29.7	30.5	28.2	27.3	27.9	32.6	25.4	90	92	77	72	82	88	83.5	------
15	59.22	59.27	59.91	57.89	58.68	59.90	59.14	26.2	25.9	29.7	30.3	28.2	26	27.7	32.1	25.1	94	93	72	74	80	94	84.5	------
16	58.82	58.52	59.35	57.67	57.38	58.55	58.38	24.6	25.5	29.9	30	28	27.6	27.6	32.3	24.2	95	92	72	74	82	90	84.2	------
17	57.07	56.64	57.51	55.73	56.21	57.19	56.72	26.7	26.2	29.8	25.8	26.3	26.5	26.9	32.5	25.3	94	98	79	88	90	94	90.5	2
18	56.04	56.19	56.90	55	55.42	57.10	56.11	26.4	26.2	30.2	31.4	29	27.2	28.4	32.4	25.9	94	94	77	66	74	89	82.3	1.8
19	56.28	56.45	57.62	55.60	56.44	57.67	56.68	26	25.4	29.7	32.2	28.9	26.6	28.1	33.8	25.1	94	98	84	66	80	93	85.8	.3
20	57.13	57.09	57.86	55.71	55.57	57.34	56.78	25.3	24.6	30.6	31	28.5	26.2	27.7	33.2	24.4	95	98	72	70	80	94	84.8	------
21	56.62	56.95	57.80	55.65	55.81	57.38	56.70	24.7	23.5	31.5	31	28.4	25.9	27.5	33.4	23.2	93	97	66	69	82	94	83.5	------
22	56.97	57.36	58.04	55.98	56.25	57.48	57.01	24.6	23.3	30.6	31.6	28.5	25.7	27.4	33.1	23.1	95	97	71	62	78	93	82.7	------
23	56.78	56.89	57.70	55.28	55.75	57.33	56.62	24.5	23.7	30.5	31.8	28.4	26.8	27.6	33.7	23.7	96	97	68	65	80	90	82.7	------
24	56.67	57	57.57	55.56	56.05	57.69	56.76	24.7	24.1	31	30.6	28.6	26	27.5	32.6	23.7	94	96	72	71	79	92	84	.8
25	57.52	57.55	58.42	56.77	56.74	58.59	57.60	25.1	24	30.1	30.7	29	26	27.5	33	23.9	96	97	77	67	76	92	84	------
26	57.91	58.45	59.74	57.58	58.47	59.81	58.66	25.5	24.8	30	31.7	29.3	26.7	28	33.4	24.5	94	96	75	65	70	88	81.3	------
27	58	58.37	59.74	57.63	58.46	59.87	58.68	26.3	25	30.7	31.7	27.9	26.3	28	34	25	90	95	67	68	79	91	81.7	------
28	58.68	58.47	59.31	57.04	57.67	59.03	58.37	25.3	25	30.8	30.9	29	27.3	28	32.8	24.8	95	96	73	65	78	87	82.3	------
29	58.22	58.55	59.44	57.65	57.75	58.84	58.41	26.7	25.7	30.8	29	28.5	25.3	27.7	33.7	24.8	89	94	73	74	81	95	84.3	3
30	58.10	58.53	59.89	57.95	58.20	59.67	58.73	24.8	24.5	30.4	31.2	29	25.6	27.6	32.9	24.4	98	97	69	69	78	87	83	------
Mean	58.76	58.92	59.86	57.85	58.14	59.65	58.86	25.2	24.8	29.9	30.6	28.1	26.2	27.5	32.7	24.3	92.6	93.9	73.3	69	79.7	89.6	83	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	27.3

Day.	Wind.										Clouds.				
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.		2 p. m.	
												Amount.	Form and direction.	Amount.	Form and direction.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper. Lower.		Upper. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0-10*		*0-10*	
1	Calm	Calm	NE	NNE	Calm	Calm	1.9	28.4	45.6	4.8	80.7	8	Ci. N. NE	7	Ci. Cu.
2	Calm	Calm	N	NE	Calm	Calm	5.1	26	42.9	5	79	6	Ci. Cu. NE	2	Ci. Cu.
3	Calm	Calm	NE	NE	NE	Calm	14	32.4	51.3	7.2	104.9	4	Ci.-S. Cu.	5	Ci. Cu.
4	Calm	N	NNE	N	N	Calm	8.5	42.3	47.5	3.5	101.8	8	Ci. Fr.-N. N	7	Ci. Cu.
5	Calm	Calm	NE	N	NE	NE	6.1	36.2	56.3	48.3	146.9	7	Ci. N.	4	Ci. Cu. NE
6	NE	NE	NE	ENE	NE	NE	36.2	68.4	75.1	78.1	257.8	7	Ci. Cu. NE	8	Ci.-S. Fr.-N.NE
7	NE	NE	NE	N	NE	NE	59.2	64.4	48.8	55.3	227.7	4	Ci.-S. Cu. NE	6	Ci. Cu. N
8	NE	NE	NE	NE	NE	NE	37.2	59.8	59.2	40.2	196.4	9	---------- N. NE	8	Ci.-S. N. NE
9	NE	Calm	NE	NE	NE	E	34.3	48.9	64.2	11.1	158.5	5	Ci. Fr.-Cu.NE	4	A.-Cu. Cu. NE
10	NE	NE	NE	NE	Calm	NE	33	59.8	53.3	49.7	195.8	5	Ci. Fr.-N. NE	7	Ci.-S. Fr.-Cu.NE
11	NE	NE	NE	NNW	NE	NE	51.5	63.6	59.2	83.2	257.5	4	---------- Cu. NE	4	Ci. Cu. NE
12	NE	NE	NE	NNW	NE	NE	54.7	66.8	50.9	53.7	226.1	7	Ci. Fr.-Cu. NE	4	---------- Cu. NE
13	NE	NE	NE	NE	N	NE	41	80.5	61.2	32.7	215.4	5	Ci. Cu. NE	3	Ci. Cu. NE
14	NE	NE	NE	NE	NE	ESE	34.9	59.5	56.6	30.9	181.9	5	---------- Cu. NE	4	Ci. Cu. NE
15	NE	NE	NE	NE	N	Calm	29.5	61.7	47.3	11.3	149.8	9	Ci. N. NE	3	Ci. Cu. NE
16	Calm	NE	NNE	NNE	N	NNW	11.6	66	59.7	59.2	196.5	7	Ci.-S. Fr.-N.	10	Ci.-S. Fr.-N.NE
17	NW	NW	NW	NNW	WNW	W	60.7	96.3	84.5	48.6	290.1	10	Ci.-S. N. NW	10	Ci.-S. N. NNW
18	W	W	W	WNW	NW	NNW	56.8	86.9	94.4	39.2	277.3	7	---------- Fr.-Cu. W	7	Ci. Cu. WNW
19	Calm	Calm	NW	NW	NW	Calm	7	26.6	55.8	13.7	103.1	10	---------- N.	7	A.-Cu. Fr.-Cu.sw
20	Calm	Calm	NNW	NNW	N	Calm	3	31.6	52.6	7.5	94.7	10	Ci. N. S	2	Ci. Cu. NNW
21	Calm	Calm	WNW	NNW	NNW	Calm	3.8	37.8	68.6	3.7	113.9	6	A.-Cu. N.	7	A.-Cu. Cu.
22	Calm	Calm	N	NNW	NNW	Calm	1.8	29.3	66.2	3.5	100.8	8	---------- Cu. W	2	---------- Cu.
23	Calm	Calm	N	NE	NE	Calm	3.7	35.2	56.8	8.3	104	3	---------- Cu.	2	---------- Cu.
24	Calm	Calm	E	NE	E	Calm	5.6	32.2	55.8	2.6	96.2	3	---------- Cu. NE	4	---------- Cu.
25	Calm	Calm	NE	NE	Calm	Calm	2.1	36.5	53.1	1.6	93.3	7	Ci.-S. Fr.-N. ENE	4	Ci.-S. Fr.-N.
26	Calm	Calm	N	N	NE	Calm	5.6	42.6	53.3	11.6	113.1	8	Ci. N. NE	3	Ci. Cu.
27	Calm	Calm	NE	NNE	E	Calm	15.1	47.2	69.7	23.6	155.6	5	Ci. Cu. NE	5	Ci. Cu. NE
28	Calm	Calm	NNE	NNE	Calm	Calm	6.1	43.8	56.5	3.5	109.9	9	Ci.-S. Fr.-N.	7	Ci. Cu.
29	Calm	Calm	NE	ENE	Calm	Calm	20.4	53.1	30.6	4.3	108.4	8	---------- Cu. NE	9	Ci.-S Fr.-N.
30	S	Calm	NE	NE	N	Calm	6.1	38.1	43.1	8.5	95.8	3	---------- Fr.-Cu.ENE	3	Ci. Cu. NE
Mean	------	------	------	------	------	------	21.9	50.1	57.3	25.1	154.4	6.6	----------	5.3	----------
Total	------	------	------	------	------	------	------	------	------	------	4,632.9	----	----------	----	----------

CAPIZ.

[$\phi = 11° 35'$ N; $\lambda = 122° 45'$ E; barometer above sea, 6.6 meters; gravity correction not applied, —1.81 mm.]

MAY, 1916.

Day.	Atmospheric pressure, 700 mm. +							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.75	58.86	60.42	57.42	57.85	59.02	58.72	24.4	23.5	30.3	31.6	28.5	25.9	27.4	33	23.2	93	96	66	65	75	94	81.5	2.3
2	57.79	57.93	58.55	56.65	56.43	57.45	57.47	25.9	26	29.5	29.2	27.1	27.3	27.5	31.2	24.8	94	89	75	78	70	87	82.2	105.6
3	55.79	55.97	57.09	55.96	56.29	57.17	56.38	25.7	26.4	25.6	26.6	25.6	25.7	25.9	28.1	24	95	92	97	90	96	94	94	23.3
4	56.27	55.37	57.99	56.42	56.80	57.94	56.96	25.9	25.6	24.4	26.2	25.8	25.8	25.6	27.3	24.2	94	94	96	94	97	97	95.3	37.6
5	57.08	57.30	58.11	56.83	57.60	58.95	57.64	24.9	25	28.5	27.6	23.6	22.8	25.4	29.9	22	97	97	82	87	95	97	92.5	6.3
6	57.79	58.01	58.40	56.12	56.79	57.89	57.50	22	22.4	25.7	29.2	26.6	26.5	25.4	30.3	21.8	98	96	91	80	88	93	91	5.6
7	56.82	57.07	57.95	56.08	57.12	58.77	57.30	25.8	25.5	28.6	30.7	27.9	25	27.2	32.2	24.2	96	96	80	75	84	95	87.7	37.9
8	58.62	59.03	59.63	57.45	58.65	59.41	58.80	23.8	23.6	27.8	29.8	27.4	24.5	26.2	31.7	23.3	97	98	80	71	81	96	87.2	4.3
9	58.84	59.06	59.92	58.36	58.66	60.10	59.16	24	24.4	29	30.5	27.5	26.4	27	32.1	23.4	97	97	76	65	79	90	84	10.9
10	58.85	59.24	59.97	57.71	58.43	59.29	58.92	24.6	23.8	28.5	30	25.2	25	26.2	31.7	23.6	95	96	74	75	94	96	88.3	12.7
11	53.52	58.93	59.46	57	57.27	58.93	58.35	24.4	24.5	29.8	30.6	28.8	27	27.1	32.2	24.2	97	97	73	70	76	89	83.7	------
12	58.40	59.17	59.81	57.57	57.82	59.41	58.70	25.9	24.9	29.5	30.7	27.6	25.9	27.4	32.1	24.7	86	92	71	68	77	91	80.8	------
13	58.33	58.54	58.99	56.74	57.77	58.62	58.16	24.8	24.5	29	31.3	28.4	26.1	27.4	32.5	23.9	95	94	77	70	78	91	84.2	------
14	57.94	58.20	58.21	55.99	56.56	57.96	57.48	24.8	24.4	30.7	31	28.5	27.6	27.8	33	24.2	95	97	67	68	78	76	80.2	------
15	56.85	56.90	57.78	55.94	56.46	58.16	57.02	26	25.2	30.9	31.7	28.8	26.7	28.2	33.4	24.8	90	95	69	69	78	91	82	.5
16	58.12	58.67	60.13	57.99	58.80	60.18	58.98	25.9	24.6	24.4	30.5	28.3	26.1	26.6	31.8	22	91	91	97	72	84	94	88.2	42.4
17	59.27	59.45	59.80	58.61	58.70	60.30	59.36	25.5	25.6	29.7	30.5	28.5	25.8	27.6	32	25.2	92	92	71	67	75	91	81.3	4.8
18	59.17	59.24	59.74	57.45	57.15	58.64	58.56	23.4	23.7	29.8	30.2	28.4	26.4	27	31.6	23.2	97	96	73	72	78	92	84.7	1.5
19	58.02	58.04	58.77	57.04	57.67	58.74	58.05	25.4	25	29.8	30	25	24.1	26.6	32.7	23.9	95	96	79	76	90	95	88.5	2.1
20	58.14	58.28	59.17	57.09	57.91	59.02	58.27	23.9	24.5	29	30.6	29	25.6	27.1	32.8	23.5	94	92	81	72	78	91	84.7	------
21	58.14	58.32	58.80	57.14	56.96	58.17	57.92	24.9	24.6	29.9	31	28.5	25.8	27.4	32.8	24.4	95	97	73	67	72	89	82.2	------
22	57.22	57.72	58.40	56.69	57.41	58.52	57.66	25.4	24.5	29.7	29.8	28.2	24.4	27	32.4	23.6	90	93	77	69	80	92	83.5	.5
23	57.79	57.92	58.74	56.89	57.16	58.07	57.76	24.7	25.4	29.7	31.2	29	27.5	27.9	32.4	24.2	94	92	70	63	76	81	79.3	------
24	57.28	57.80	58.45	57.24	56.95	58.16	57.65	26	25.7	30.5	31.2	28.5	27.6	28.2	32.9	25.3	91	93	72	71	78	84	81.5	------
25	57.40	57.64	58.31	56.83	56.95	58.02	57.52	26.7	26.2	30.9	32	28.6	27.8	28.7	33.4	25.9	90	93	70	69	82	88	82	2.1
26	56.57	56.20	56.99	54.94	55.92	57.35	56.33	27.4	27.6	30.4	30.3	25.1	24.5	27.6	31.9	24.4	88	84	76	78	92	94	85.3	3.6
27	56.68	56.94	57.31	55.26	55.99	57.40	56.60	24.5	24.3	29.4	27.7	26	24.5	26.1	31.3	24.2	94	96	75	90	89	95	89.8	23.2
28	56.28	56.64	57.73	55.70	56.87	58.09	56.88	24.1	24.3	27.4	29.6	26.2	25	26.1	30.8	23.9	97	97	86	77	86	94	89.5	------
29	56.74	56.83	57.26	55.76	56.79	58.12	56.92	24	23.6	29.4	31.3	28.6	25.7	27.1	32.8	23.3	95	96	78	68	80	92	84.8	------
30	57.21	57.75	58.72	57.15	57.06	58.79	57.78	24.6	23.7	28.5	29	28.5	25.9	26.7	31.5	23.7	95	96	78	76	78	91	85.7	------
31	57.58	57.58	58.45	57.14	57.60	59.11	57.91	24.5	23.5	31.4	31.6	29.4	25.9	27.7	33.3	23.4	93	96	70	67	76	91	82.2	------
Mean	57.69	57.92	58.63	56.81	57.30	58.57	57.83	25	24.7	29	30.1	27.5	25.8	27	31.8	23.9	93.9	94.4	77.4	73.5	81.9	91.3	85.4	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	327.2

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	Calm	NE	NE	N	Calm	4.3	43.5	56.3	16.1	120.2	2	Ci.	Fr.-Cu. NE	6	Ci.	Cu. NE
2	N	N	N	N	NW	NW	32.2	60.9	55	38.6	186.7	8	Ci.	Cu. NE	10	Ci.-S.	Fr.-N. N
3	NW	N	N	N	N	N	62	88.5	74.2	67.6	292.3	10	----------	N. N	10	Ci.-S.	Fr.-N. N
4	N	N	E	NE	NE	NNE	59.7	78.9	26.9	22.2	187.7	10	----------	N. NNE	10	Ci.-S.	Fr.-N. NE
5	N	Calm	NNE	N	SW	S	34.8	33	40.5	13.9	122.2	10	----------	N. E	9	Ci.-S.	Fr.-N. NE
6	Calm	Calm	Calm	NW	NNE	N	9.2	19.1	46.1	35.6	110	10	----------	N.	8	Ci.-S.	Fr.-N.
7	NE	ENE	ENE	E	E	SE	28.8	49.4	75.1	23	176.3	8	Ci.	Fr.-N. ENE	7	Ci.-S.	Cu.
8	SW	Calm	NE	NE	ENE	Calm	13.9	28	60	21.2	123.1	9	----------	N.	6	Ci.	Cu. NE
9	SW	Calm	SE	ESE	SE	Calm	8.9	38.6	52.3	8.9	108.7	9	----------	Fr.-N. E	7	Ci.	Fr.-Cu. ESE
10	Calm	Calm	E	NE	Calm	Calm	19.9	27.6	34.1	4.8	86.4	9	----------	N. SE	8	----------	N. SE
11	Calm	SSE	E	NNE	Calm	Calm	4.5	33	53.6	6.4	97.5	10	Ci.-S.	Fr.-N. SSE	6	Ci.	Cu. E
12	Calm	Calm	NNW	NNE	SE	Calm	5.1	20.1	40.5	6.1	71.8	10	Ci.-S.	N. S	7	Ci.-S.	Cu.
13	Calm	Calm	NW	NNE	NNW	Calm	2.9	19.6	57.1	20.9	100.5	7	Ci.	Cu.	7	Ci.	Cu.-N.
14	Calm	Calm	ENE	ENE	ENE	NE	6.2	38.3	44.3	11.3	100.1	9	----------	N.	8	Ci.-S.	Cu.
15	Calm	Calm	NE	NE	ENE	Calm	5	41.6	55.2	3.8	105.6	7	Ci.-S.	Cu.-N. NE	8	A.-Cu.	Cu.-N. E
16	Calm	SSW	WSW	NE	Calm	Calm	18.7	29.3	41.6	2.4	92	10	----------	N. E	8	Ci.-S.	Fr.-N. E
17	Calm	E	NE	NNE	ENE	Calm	11.9	54.7	47.5	8.3	122.4	5	Ci.	Fr.-Cu. E	2	Ci.	Cu.
18	S	SSE	NE	NNE	NNE	E	24.6	37	38.6	11.9	112.1	9	Ci.-S.	Fr.-N. E	8	Ci.-S.	Cu.
19	Calm	Calm	NNE	NE	SW	Calm	8.3	26	48.1	10.5	92.9	8	Ci.-S.	Cu.	4	Ci.	Cu. E
20	Calm	Calm	N	NE	NE	Calm	1.8	24.6	42.4	9.7	78.5	2	Ci.	Cu.	4	Ci.	Cu.
21	Calm	Calm	ENE	ENE	E	Calm	10.2	40.2	54.4	6.2	111	8	----------	N. NE	7	Ci.	Cu.
22	Calm	Calm	NE	NE	ENE	Calm	4.2	28	44.8	20.7	97.7	8	Ci.-Cu.	Fr.-N. E	9	Ci.-S.	N. NE
23	Calm	ENE	ENE	NNE	ENE	E	15	62.8	56.3	36.5	170.6	7	Ci.	Fr.-Cu. ENE	3	----------	Cu.
24	Calm	Calm	NE	NE	NE	ENE	8.9	54.1	67.1	30.1	160.2	8	Ci.	Fr.-N. NE	6	----------	Fr.-N. NE
25	NE	Calm	NE	NW	N	N	18	43.1	47.3	45.7	154.1	4	----------	Fr.-Cu. NE	6	Ci.	Cu. NE
26	N	N	NNE	N	SSE	Calm	56.3	86.9	66.8	22	232	9	Ci.-S.	N. N	10	Ci.-S.	Fr.-N. N
27	SSE	S	ESE	ENE	SSE	Calm	18.5	27.1	34.3	14.8	94.7	10	Ci.-S.	N.	8	Ci.-S.	Fr.-N. E
28	Calm	Calm	Calm	NNE	W	Calm	5.3	11	34.3	12.1	62.7	10	----------	N. S	9	Ci.-S.	Cu.
29	Calm	Calm	Calm	E	WSW	Calm	4.6	27.4	41.5	9.2	82.7	2	Ci.	Cu.	6	Ci.	Fr.-Cu. E
30	Calm	Calm	NNW	NW	Calm	Calm	7.5	16.1	30.6	5.3	59.5	8	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.
31	Calm	Calm	NE	NE	Calm	Calm	2.7	24.1	40.2	7.2	74.2	4	Ci.	Cu.	7	Ci.	Cu.
Mean	------	------	------	------	------	------	16.6	39.1	48.6	17.8	122.1	7.7	----------	----------	7.2	----------	----------
Total	------	------	------	------	------	------	-----	-----	-----	-----	3,786.4	----	----------	----------	----	----------	----------

CAPIZ.

[$\phi = 11° 35'$ N; $\lambda = 122° 45'$ E; barometer above sea, 6.6 meters; gravity correction not applied, —1.81 mm.]

JUNE, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.77	57.83	58.39	56.76	57.25	58.56	57.76	24.6	24.2	30.7	31.1	29	25.8	27.6	32.9	23.9	94	95	71	69	78	91	83	------
2	57.09	57.24	57.71	55.84	55.92	57.52	56.89	24.5	23.8	30.2	31.3	29.1	25.7	27.4	33.2	23.5	94	94	71	64	67	87	79.5	------
3	57.12	57.23	57.64	56.20	56.09	58.13	57.07	24.4	23.5	30.5	31.6	29.1	26	27.5	33.4	23.4	94	96	65	57	70	86	78	------
4	57.09	57.09	57.24	56.25	56.47	57.88	57	24.6	24	31.5	30.5	28.5	25.6	27.4	33.2	23.8	93	94	67	70	83	87	82.3	------
5	57.02	57.34	57.56	55.79	56.04	57.25	56.83	25	24.8	31.1	31.2	29.5	27.2	28.1	33.6	24.6	92	95	68	68	75	87	80.8	40.4
6	56.62	56.44	56.90	55.15	55.50	56.19	56.13	25.7	24.6	30	29.9	28	25.8	27.3	32.3	24.1	94	96	75	75	85	93	86.3	.3
7	55.93	56.45	57.31	55.07	55.56	56.57	56.15	25.7	24.7	25.7	30.2	27.2	25.1	26.4	31.5	24.4	93	97	95	74	80	92	88.5	31
8	55.87	56.04	56.39	54.54	55.11	56.87	55.80	24.4	24.2	26	29.7	28.4	24	26.1	31	23.8	97	98	96	75	81	97	90.7	14
9	56.09	55.96	56.32	54.62	55.21	56.89	55.85	24	23.6	28.8	30.1	28	26.2	26.8	31.5	23.4	97	98	77	75	82	94	87.2	1.5
10	56.04	56.24	56.92	54.85	55.35	56.60	56	25	24.6	27.9	30.2	28.2	26.6	27.1	31.8	24.2	95	96	82	75	85	94	87.8	------
11	55.89	56.20	56.63	54.11	54.81	56.59	55.70	24.9	24.6	29.2	30	27	25.6	26.9	31.9	24.2	94	94	78	71	84	93	85.7	1.8
12	55.89	55.26	55.17	52.93	53.96	55.34	54.76	25.2	24.5	29.7	31.1	26.8	25.7	27.2	33.7	23.3	93	95	75	68	89	93	85.5	3.5
13	54.69	54.98	54.80	54.61	55.29	56.84	55.20	25	24.9	28.7	24.3	25	24.7	25.4	32.4	24.3	93	92	80	96	95	98	92.3	40.2
14	55.38	55.38	56	55.01	56.15	57.27	55.86	24	23.5	30.4	30.4	27	25.2	26.8	32.8	23.3	98	98	74	76	87	92	87.5	4.3
15	55.89	55.94	56.50	55.04	55.45	56.82	55.94	24.5	24.3	30.8	31.8	28	26.4	27.6	33.7	24	94	94	74	61	85	91	83.2	------
16	55.62	55.70	56.32	54.33	54.75	56.88	55.60	25.5	26	31.5	31	25.6	25.2	27.5	34.2	24.9	91	89	68	68	91	92	83.2	1
17	55.92	56.19	56.64	54.71	55.21	56.89	55.93	24.9	24.8	31	31.3	29.5	26	27.9	33.3	24.5	92	95	72	66	73	91	81.5	2
18	56.52	56.92	57.36	55.92	56.51	57.90	56.86	25.1	25	28.1	29.7	28.5	23.3	26.6	31.3	23.3	97	98	82	77	78	97	88.2	51.1
19	57.08	57.10	57.83	56.31	57.30	58.62	57.37	23.7	23.5	28.4	29.5	24.9	24.3	25.7	31.2	23.4	97	98	71	76	96	97	89.2	24.1
20	57.82	58.06	58.06	56.39	56.81	58.22	57.56	23.7	24	29.2	30	26	25.6	26.4	31.9	23.5	97	97	76	71	89	91	86.8	------
21	57.22	57.45	57.41	55.51	57.04	58.44	57.18	24.5	23.9	30.5	31.6	24	23.7	26.4	32.8	23.6	96	96	68	68	94	98	86.7	12
22	57.86	57.99	58.27	57.52	57.76	59.72	58.19	23.7	24	29.5	25	23.9	24	25	30.8	23.6	97	96	72	86	95	91	89.5	3
23	58.15	58.66	59.06	57.75	58.92	59.92	58.74	24	23.6	30	30.1	28.5	25.3	26.9	31.9	23.2	92	97	68	64	77	91	81.5	------
24	58.63	59.06	59.55	58.69	58.81	60.51	59.21	23.6	23.2	30.6	31	29	27	27.4	32.8	22.8	95	97	74	65	78	90	83.2	------
25	59.71	60.17	60.72	58.98	59.42	60.72	59.95	25.6	24.4	30.1	30.6	28.5	26.2	27.6	32.7	24	95	97	78	74	83	94	86.8	------
26	59.45	59.42	60.13	58.20	58.82	60.20	59.37	24.8	24.6	30.5	32	27.5	25.9	27.6	33	24.4	97	97	74	69	88	94	86.5	18.8
27	59.13	59.40	59.82	57.62	58.73	59.72	59.07	25	24.6	28.3	30.4	23.3	23.6	25.9	31.9	23.2	95	95	82	73	97	97	89.8	54.6
28	59.05	59.23	59.70	57.75	58.81	60.17	59.12	23.5	24.1	26.4	29.2	28.5	24.2	26	31.9	23.2	97	97	90	72	78	90	87.3	1.5
29	59.27	59.61	60.21	58.89	58.52	60.57	59.51	23.6	23.6	27.5	27.4	25.3	23.2	25.1	29.2	22.6	97	97	80	81	93	98	91	51.6
30	59.20	59.09	59.30	57.83	58.41	59.70	58.92	22.5	22.8	25.5	27.9	26.5	24.6	25	29.8	22.4	97	97	84	74	81	91	87.3	.3
Mean	57.17	57.32	57.73	56.11	56.67	58.12	57.18	24.5	24.2	29.3	30	27.3	25.3	26.8	32.3	23.7	94.9	95.8	76.2	71.9	83.9	92.6	85.9	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	357

Day.	Wind.												Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.			
												Amount.	Form and direction.		Amount.	Form and direction.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.	
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*			
1	Calm	Calm	N	N	Calm	Calm	5	29.6	44.9	4.6	84.1	8	Ci.	N. NE	5	Ci.	Cu.	
2	Calm	Calm	NE	NE	NE	Calm	3.2	29.3	48	6.4	86.9	8	Ci.	N.	3	Ci.	Cu. NE	
3	Calm	Calm	NE	NE	Calm	Calm	3.2	21.5	42.4	3.5	70.6	7	Ci.	Cu.	3	Ci.	Cu.	
4	Calm	Calm	N	NE	Calm	Calm	3	19.5	30.6	3.4	56.5	8	Ci.	Cu.	10	----------	Fr.-N. NE	
5	Calm	Calm	N	NNE	NE	Calm	10.2	27.1	43.1	8	88.4	8	Ci.	N. NE	8	Ci.	Cu.	
6	Calm	Calm	NE	NE	NE	Calm	14.2	18	43.5	7	82.7	7	Ci.	Cu.	9	Ci.-S.	N.	
7	Calm	Calm	WSW	N	SE	Calm	3.2	23.1	35.9	7.4	69.6	8	Ci.-S.	Fr.-N. NE	3	Ci.	Cu.	
8	Calm	Calm	Calm	NW	Calm	Calm	5.1	11.1	30.3	23	69.5	9	Ci.-S.	N.	9	Ci.-S.	N.	
9	Calm	Calm	ENE	ENE	E	Calm	4.8	21.4	39.9	10.3	76.4	8	Ci.-S.	N.	9	Ci.-S.	Cu.	
10	Calm	SW	SE	NE	Calm	Calm	12.3	17.2	33	5.6	68.1	10	----------	N.	9	Ci.-S.	N.	
11	S	S	S	S	S	Calm	23	45.1	42.4	17.2	127.7	10	Ci.-S.	N.	8	Ci.-S.	Fr.-N. S	
12	Calm	S	SW	S	S	SW	15.9	41.8	60.2	29.6	147.5	10	Ci.-S.	N.	7	Ci.-S.	Cu.-N. SW	
13	SSW	S	S	S	S	Calm	21.2	37.6	30.6	14.8	104.2	10	----------	N. S	10	----------	N.	
14	Calm	Calm	S	N	S	SW	14.7	30.3	26.6	25.2	96.8	9	Ci.-S.	N. SSW	10	Ci.-S.	N. S	
15	Calm	S	SW	NW	SE	SE	7.4	34.4	36	29.3	107.1	7	A.-Cu.	N.	7	Ci.-S.	Fr.-N. SW	
16	S	S	S	N	SE	Calm	36	47.2	47	11.8	142	3	Ci.-Cu.	Cu.	6	Ci.-S.	Cu.-N. S	
17	Calm	SE	SSE	N	SE	Calm	15.3	28.2	49.1	18.2	110.8	10	Ci.-S.	N.	8	Ci.-S.	Fr.-N.	
18	Calm	S	N	NE	SW	SSW	6.9	18.3	33.8	21.5	80.5	9	Ci.-S.	Fr.-N.	6	Ci.	Cu. SE	
19	S	W	SSE	N	W	Calm	23	21.4	45.1	25.1	114.6	10	----------	N. S	8	Ci.-S.	Cu. S	
20	Calm	Calm	Calm	E	SSE	Calm	9.7	25.7	37.6	14	87	10	----------	N. S	8	Ci.-S.	Fr.-N. SW	
21	Calm	Calm	SE	N	ENE	SE	2.4	24.7	52.1	22.5	101.7	8	Ci.-S.	N.	6	Ci.	N. S	
22	SE	SW	S	S	S	S	9.7	27.4	38.6	21.2	96.9	10	Ci.-S.	N. SW	10	Ci.-S.	N. S	
23	Calm	Calm	ENE	ENE	ENE	S	8.5	23.3	43.5	10.5	85.8	10	A.-Cu.	N.	8	Ci.-S.	Cu.	
24	S	Calm	NE	NE	NE	Calm	6.1	25.9	41.6	13.1	86.7	7	Ci.	Cu.	7	Ci.	Fr.-N. NE	
25	Calm	SW	NNE	NNE	NNE	Calm	19.6	34.9	37.6	7.7	99.8	8	Ci.-S.	N. NE	7	Ci.	Cu. ENE	
26	SW	Calm	N	NE	S	Calm	10	24.9	33.5	8.5	76.9	8	Ci.-S.	N.	8	Ci.	N. E	
27	Calm	SSE	SE	SW	Calm	Calm	10	30.3	34.9	6.1	81.3	10	Ci.-S.	N.	9	Ci.-S.	Fr.-N. SW	
28	Calm	S	S	NE	SE	S	13.7	23.6	33.5	21.7	92.5	10	Ci.-S.	N. S	8	Ci.-S.	Cu.	
29	Calm	Calm	WNW	N	Calm	SW	8.2	15	35.1	26.2	84.5	8	Ci.-S.	N. S	10	Ci.-S.	Fr.-N.	
30	SW	SW	S	N	Calm	Calm	30.9	20.6	24.9	7.5	83.9	10	----------	N.	8	Ci.	Fr.-Cu. E	
Mean	------	------	------	------	------	------	11.9	26.6	39.2	14.4	92	8.6	----------	----------	7.6	----------	----------	
Total	------	------	------	------	------	------	-----	-----	-----	-----	2,761	----	----------	----------	----	----------	----------	

CAPIZ.

[$\phi = 11° 35'$ N; $\lambda = 122° 45'$ E; barometer above sea, 6.6 meters; gravity correction not applied, —1.81 mm.]

JULY, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.91	58.22	58.90	57.14	57.71	58.51	58.06	23.4	22.6	29.5	30.6	28.6	26.2	26.8	32.2	22.1	96	98	80	68	76	89	84.5	0.8
2	58.24	58.35	58.98	57.26	58.13	58.89	58.31	25.1	24.4	28.5	28	27	23.5	26.1	29.6	23.1	94	94	78	81	84	96	87.8	29
3	57.64	57.71	58.67	57.37	56.89	58.23	57.75	22.9	23	28.3	26.9	25.6	24	25.1	29.8	22.7	97	97	79	88	95	96	92	11.2
4	57.66	58.06	58.93	57.23	57.97	59.37	58.20	23.3	23.3	26.2	28.3	26.8	25.3	25.5	29.8	23.1	97	97	90	74	84	88	88.3	.8
5	59	59.15	59.02	57.86	59.83	60.13	59.16	24.2	24	28.7	29.6	23.5	23.1	25.5	31.5	22.8	91	91	73	75	96	97	87.2	12.2
6	59.09	59.16	60.20	58.82	58.97	60.27	59.42	23.4	23.2	28.1	31	28.6	24.5	26.5	32.3	22.7	97	97	85	65	78	87	84.8	9.7
7	59.04	59.30	60.02	58.62	58.60	59.71	59.22	24	23.6	29	30.6	28.9	26	27	32.3	23.4	91	97	78	67	74	92	83.2	8.9
8	58.44	58.83	59.10	56.99	57.81	59.14	58.38	25	24.5	29	31	29	26.2	27.4	32.8	24.2	96	96	78	68	74	91	83.8	------
9	58.42	58.78	58.59	57.40	57.52	58.82	58.26	25.4	24.6	30.6	31	28.9	26.5	27.8	33.3	24.2	95	97	71	69	81	92	84.2	2.8
10	58.49	58.95	59.46	57.76	58.35	59.32	58.72	25.2	24.1	30.4	31.1	29.2	27	27.8	32.8	23.7	93	96	74	62	76	84	80.8	21.8
11	58.62	58.93	59.55	58.23	58.40	59.71	58.91	23.5	24.4	27.5	27.7	27.6	25.4	26	30.4	23.4	97	97	88	83	84	93	90.3	8.7
12	58.28	58.44	59.50	57.89	57.71	59.73	58.59	25.1	24.6	26	29.9	28	26.4	26.7	31.4	23.4	95	97	95	76	85	94	90.3	43.5
13	58.57	59.15	58.96	57.94	58.06	59.98	58.78	23.3	23.7	29.5	29.8	28.5	26.5	26.9	32.2	23.2	97	98	75	73	82	92	86.2	51.5
14	58.15	58.53	59.10	57.96	58.17	59.87	58.63	24.6	23.8	26.5	28	27.5	25.5	26	29.8	23.6	95	97	89	77	85	94	89.5	2.8
15	58.65	58.50	59.01	57.64	57.06	58.87	58.29	24.5	23.9	29.4	31	28.6	25	27.1	32.3	23.5	96	97	79	72	80	93	86.2	18.8
16	58.29	57.51	57.92	56.59	56.37	58.17	57.48	24.5	24.6	29.5	29.7	27.4	26	27	31.8	24.2	97	97	76	77	85	90	87	.5
17	57.07	57.20	57.177	56.50	56.21	57.87	57	25	24.4	28.7	29.8	28.5	27	27.2	31.8	24.2	95	96	81	73	81	90	86	1.3
18	57.27	57.58	58.06	56.66	57.30	58.79	57.61	24.6	23.8	28	28.9	26.5	24.3	26	32.2	23.7	95	97	79	76	92	91	88.3	2.9
19	57.63	57.66	58.32	56.34	56.60	58.37	57.49	24.2	24	29	30.1	28.6	26.8	27.1	32	23.7	91	97	76	74	78	90	84.3	.3
20	57.47	57.92	57.79	55.80	57.92	58.25	57.52	25.8	25	29.7	31	24.6	24.1	26.7	32.3	23.7	93	95	73	69	92	95	86.2	12.7
21	57.54	57.70	58.17	56.26	57.11	57.52	57.38	23.5	23.3	29.8	31	27.1	25.4	26.7	32.3	22.9	96	97	69	65	87	93	84.5	.3
22	56.67	56.85	57.35	55.82	56.32	57.30	56.72	24.6	23.7	30.8	30.8	25	24.2	26.5	32.7	23.5	95	95	67	69	83	91	83.3	------
23	56.11	56.29	56.45	54.88	55.62	56.97	56.05	23.6	23.5	31	31.5	27.9	25.7	27.2	33.4	23.2	95	96	65	66	81	89	82	------
24	56.35	56.79	57.02	55.48	56.04	57.66	56.56	24.6	23.6	31.3	32.5	29.5	27	28.1	33.7	23.2	94	94	64	61	71	88	78.7	------
25	57	57.52	57.64	56.31	56.41	58.42	57.22	26.4	25.4	30.9	30.6	27.5	25.7	27.8	34.4	25	90	93	66	74	77	92	82	6.1
26	57.22	57.41	57.56	55.83	56.31	57.82	57.02	24.8	24	30.3	31.8	25.6	24.2	26.8	33.3	23.5	93	96	72	65	83	96	84.2	------
27	57	57.18	56.86	55.63	56.11	57.67	56.74	23.6	23.5	30.5	32	25.4	24.5	26.6	34.2	23.3	95	96	61	60	89	92	82.2	1.3
28	56.55	56.31	57.39	55.93	56.69	57.92	56.80	24.8	24.5	30.8	32	25	24.5	26.9	33.3	24.1	92	92	67	66	92	95	84	19.3
29	56.74	56.79	57.52	55.91	56.17	58.47	56.93	24.4	24	30.1	31	26	24.9	26.7	32.4	23.7	91	91	71	67	91	90	83.5	1
30	56.83	56.95	57.54	56.25	56.03	57.72	56.89	24	24	30.8	31.4	25.1	25.5	26.8	32.7	23.9	97	97	70	66	92	95	86.2	22.9
31	57.24	57.33	57.70	56 05	56.77	58.17	57.21	25	25	31.2	29.8	26.6	25.5	27.2	32.4	24.2	96	96	66	78	87	93	86	------
Mean	57.72	57.90	58.34	56.85	57.26	58.63	57.78	24.4	24	29.3	30.3	27.2	25.4	26.8	32.2	23.5	94.6	95.8	75.3	71.1	83.7	91.9	85.4	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	291.1

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	Calm	N	NNE	NNE	Calm	3.4	21.1	44.5	8.3	77.3	4	Ci.-Cu.	Cu.	7	Ci.	Cu.
2	SW	SSW	NNW	N	E	Calm	14.5	19.6	32.2	10	76.3	8	Ci.-S.	N. S	10	Ci.-S.	N.
3	Calm	Calm	NE	Calm	SW	S	4.8	21.4	17.7	30	73.9	8	Ci.-S.	Cu.	10	----------	N. NE
4	Calm	Calm	S	S	S	S	13.9	50.1	48.6	29	141.6	8	Ci.-S.	N.	10	Ci.-S.	N. S
5	S	S	SSE	NNE	S	SSE	24.4	32.7	42.4	19.5	119	10	Ci.-S.	Fr.-N. S	8	Ci.-S.	Cu.
6	Calm	Calm	S	NNE	Calm	SE	1.8	14	37.2	10	63	8	A.-Cu.	N.	8	Ci.	Cu. NE
7	SE	Calm	NE	NE	Calm	Calm	6.7	30.4	43.8	3.5	84.4	6	Ci.	Cu. NE	8	Ci.	Cu.
8	SE	Calm	NE	NE	NE	Calm	9.5	21.7	57.7	5.3	94.2	8	Ci.	N.	4	Ci.	Cu. SE
9	Calm	Calm	SE	WNW	NE	Calm	4.6	19.9	58.7	6.2	89.4	8	Ci.-S.	Fr.-Cu. SE	8	----------	Fr.-N. SE
10	SE	Calm	NE	NE	ENE	Calm	6.9	27.9	59.5	23.3	117.6	8	----------	Fr.-N. E	8	Ci.	Cu.
11	Calm	Calm	NE	NW	Calm	Calm	16.6	27.1	26.9	5.4	76	9	Ci.-S.	Fr.-N. NE	8	Ci.-S.	Cu.
12	Calm	Calm	Calm	NE	Calm	Calm	4	16.4	30.6	13.5	64.5	5	Ci.	Cu.-N. NE	8	Ci.-S.	Fr.-N. NE
13	Calm	Calm	ENE	ENE	ENE	Calm	7.7	25.5	53.3	25.5	112	9	Ci.-S.	Fr.-N. E	6	Ci.	Cu. ENE
14	SE	W	WNW	NE	Calm	Calm	23.1	16.4	23	6.6	69.1	10	----------	N.	9	Ci.-S.	N. ENE
15	Calm	Calm	NE	NE	NE	E	3.8	19.5	43.3	26.6	93.2	9	Ci.-S.	N.	7	Ci.	Fr.-Cu. NE
16	SW	Calm	NE	NE	Calm	SW	13.9	47.2	45.4	15	121.5	9	Ci.-S.	Fr.-N. NE	9	Ci.-S.	N. NE
17	Calm	Calm	NE	NE	NE	Calm	3.7	19.1	49.3	19	91.1	10	Ci.-S.	N.	7	Ci.-S.	Cu. NE
18	Calm	SW	S	ENE	SSW	Calm	5.9	22.3	33.3	21.2	82.7	10	Ci.-S.	N. NE	10	Ci.-S.	Fr.-N.
19	Calm	Calm	NE	NE	NE	Calm	7.5	15.6	37	17.2	77.3	8	Ci.-S.	N.	8	Ci.-S.	Fr.-N. NE
20	NE	Calm	NE	NE	S	Calm	10.7	26.6	49.6	16.3	103.2	9	Ci.-S.	N. NNE	7	Ci.-S.	Cu. NE
21	SW	Calm	S	NNW	S	Calm	10.7	17.7	49.7	12.9	91	3	A.-Cu.	Cu.	4	Ci.	Cu.
22	Calm	Calm	ENE	NE	S	Calm	3.5	21.9	42.1	10	77.5	4	Ci.	Cu.	3	Ci.-S.	N. SW
23	Calm	Calm	NE	N	Calm	Calm	3.4	25.9	37	4.5	70.8	2	Ci.	Cu.	4	Ci.-S.	Cu.-N.
24	Calm	Calm	N	NE	SE	Calm	5.1	25.1	43.1	11.5	84.8	6	Ci.	Cu.	8	Ci.	Cu.
25	Calm	Calm	SE	NE	SE	Calm	5.9	21.7	33.8	9.9	71.3	10	Ci.-S.	N.	8	Ci.	Cu.-N. SE
26	Calm	S	SSE	NW	SE	Calm	3.5	17.5	64.6	7	92.6	8	Ci.	N.	5	Ci.	Cu. E
27	Calm	Calm	SE	NNW	SE	Calm	4.2	34.4	44.9	21.5	105	6	Ci.	Cu.	7	Ci.	Fr.-N. SE
28	Calm	SW	SSE	NNW	Calm	Calm	20.1	45.4	41.2	9.7	116.4	3	Ci.	Cu.	8	Ci.	Fr.-Cu. SE
29	S	Calm	S	N	S	Calm	18.2	35.6	51.3	11.8	116.9	6	A.-Cu.	N.	5	Ci.	N.
30	Calm	Calm	NE	N	Calm	Calm	9.9	17.9	42.8	3.7	74.3	3	Ci.	Cu.	5	Ci.	Cu.-N. S
31	Calm	Calm	SSE	S	S	SSE	3.8	20.4	36.5	18.8	79.5	6	Ci.-S.	N.	8	Ci.-S.	N. S
Mean	------	------	------	------	------	------	8.9	25.1	42.6	14	90.6	7.1	----------	----------	7.1	----------	----------
Total	------	------	------	------	------	------	-----	-----	-----	-----	2,807.4	----	----------	----------	----	----------	----------

CAPIZ.

[$\phi = 11° 35'$ N; $\lambda = 122° 45'$ E; barometer above sea, 6.6 meters; gravity correction not applied, —1.81 mm.]

AUGUST, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.98	58.08	58.77	57.92	57.88	59.24	58.31	24.7	24.3	29.9	26	26.5	25.1	26.1	32.4	24	96	97	70	92	91	95	90.2	13.8
2	58.14	58.20	58.84	57.16	57.77	59.27	58.23	24	23.9	31	31.4	27	25.4	27.1	32.9	23.4	97	97	68	65	87	93	84.5	------
3	58.79	58.96	58.72	57.66	58.12	60.07	58.72	24.7	24.5	30.4	31.5	26.4	24.9	27.1	32.9	24.2	92	92	68	66	78	89	80.8	------
4	59.12	59.34	59.86	58.24	58.25	60.45	59.31	24.5	23.9	30.5	31.7	24.3	24.3	26.5	33.5	23.6	91	94	72	65	94	95	85.2	6.6
5	59.23	59.34	59.70	57.83	57.90	59.67	58.94	24.1	24	29.2	30.9	28.5	25.5	27	32.4	23.5	96	96	74	60	77	83	81	------
6	58.72	58.79	58.99	57.97	58.32	59.34	58.69	25	25.2	30	24.1	26.6	24.2	25.8	34.2	23.7	87	85	67	91	81	91	83.7	15
7	58.59	58.88	59.20	57.65	58.07	59.95	58.72	23.2	23.3	30.8	32	26.9	25.2	26.9	33.3	22.9	95	95	70	66	81	90	82.8	1.3
8	58.70	58.93	59.64	57.29	57.20	59.36	58.52	24.6	24.4	31.5	32.2	29.4	27	28.2	34.3	23.9	92	92	63	56	72	88	77.2	------
9	57.98	58.03	58.18	56.04	56.80	58.41	57.57	25.6	24.6	31.8	32.2	29.5	25.7	28.2	34.2	24.2	88	92	62	63	66	76	74.5	------
10	57.55	56.01	57.00	54.94	55.25	56.60	56.24	24	25	32.2	31.4	29	27	28.1	35.4	23.3	88	88	59	66	74	80	75.8	------
11	55.53	55.43	56.19	54.60	55.08	57.27	55.68	26.3	26.1	32.3	27.2	27	26	27.5	34.4	25.1	84	84	62	84	80	89	80.5	6.6
12	55.73	55.80	56.37	54.89	54.74	56.50	55.67	24.8	24.5	29.4	30.9	29.1	26.5	27.5	33.8	24.2	91	91	75	66	77	86	81	------
13	55.43	55.98	56.48	55.61	56.78	58.58	56.48	25.5	25.3	31.7	30.5	25.6	25.4	27.3	33.8	24.8	90	90	68	74	94	93	84.8	85.8
14	57.73	57.75	58.59	57.20	57.99	60.02	58.21	25.1	24.9	30.6	31.1	26.6	25.5	27.3	34.2	24.4	92	91	71	72	94	94	85.7	15.5
15	59.48	59.51	60.46	58.58	59.38	60.97	59.73	24.5	24.3	27.9	30.7	24.3	23.6	25.9	32.7	23.3	97	97	83	71	93	95	89.3	2
16	59.57	59.52	59.76	57.74	58.13	59.65	59.06	23.1	23	30	30.8	26	25	26.3	32.4	22.7	96	97	71	73	85	92	85.7	------
17	58.43	58.59	59.04	57.95	57.68	59.73	58.57	25.1	24	29.7	24.1	24.9	24.3	25.4	32.3	23.3	91	93	68	94	92	95	88.8	31
18	58.38	58.46	59.17	57.22	57.56	59.51	58.38	24.2	23.9	30.5	26.9	27.6	26.2	26.6	32.3	23.4	95	95	72	77	80	90	84.8	4.1
19	58.58	58.63	59.43	57.61	57.87	59.07	58.53	25	25	30.3	29.4	28.4	26	27.4	33	24	94	93	72	73	81	89	83.7	------
20	58.59	58.68	58.70	56.65	58.54	59.20	58.39	25.4	25	30.7	31.5	24.4	23.2	26.7	33.8	22.8	93	94	69	68	83	95	83.7	5.1
21	58.99	59.01	59.76	58.37	58.94	61.05	59.35	23	23	30	28.5	28.7	23.4	26.1	32.9	22.6	95	95	70	79	80	97	86	19.6
22	59.83	59.83	60.31	57.88	58.90	60.01	59.46	23.3	23	28.8	31	28.5	26.1	26.8	32.8	22.6	97	97	77	65	78	92	84.3	------
23	59.09	59.21	59.60	57.25	57.92	58.74	58.64	24.6	24.6	28.1	30.2	28.6	25	26.8	31.8	23.9	95	95	84	74	80	93	86.8	12.7
24	57.83	58.03	58.49	56.74	57.41	59.46	57.99	24	23.4	29.7	31.2	27.2	24.5	26.7	32.7	23.2	95	97	76	67	87	92	85.7	1
25	58.08	58.11	58.86	57.18	57.74	59.92	58.32	22.8	22.5	30.5	31.2	29.2	26.7	27.2	33.3	22.4	93	96	66	70	78	91	82.3	25.4
26	58.58	58.90	60.32	58.68	58.37	60.29	59.19	25.4	24.3	25.8	26.7	25.8	24.5	25.4	29	23.8	93	97	93	90	93	96	93.7	30.4
27	58.41	58.45	59.05	57.19	57.24	58.81	58.19	24.3	23.6	29.2	30.2	28.7	25.6	26.9	31.6	23.2	96	97	77	75	80	92	86.2	8.1
28	57.95	57.96	58.86	56.67	57.02	59.19	57.94	24.7	23.5	28.1	29.5	27.5	24.6	26.3	31.4	23.2	94	97	84	76	84	98	88.8	17.6
29	57.87	57.84	58.62	57.45	58.13	59.81	58.29	23.7	23.6	26.7	28.8	27.1	25.7	25.9	30.2	23.3	97	97	86	76	85	95	89.3	.3
30	58.25	58.09	59.19	57.78	58.40	59.80	58.58	24.5	23.5	30.2	31.3	29	26.4	27.5	32.9	23.3	96	97	68	73	81	93	84.7	------
31	58.87	59.08	60.19	58.55	58.45	59.60	59.12	25	24.1	29.5	31	28.5	26.2	27.4	33	23.7	93	97	72	70	82	93	84.5	18.5
Mean	58.26	58.30	58.91	57.24	57.69	59.34	58.29	24.5	24.1	29.9	29.9	27.3	25.3	26.8	32.9	23.5	93.2	94	72.2	72.8	82.8	91.3	84.4	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	320.4

Day.	Wind.											Clouds.				
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Mid-night.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	Calm	SW	NW	Calm	Calm	8	22.7	27.9	5.1	63.7	4	Ci.-Cu.	N.	10	----------	N. N
2	Calm	Calm	NE	NE	S	Calm	2.7	21.4	44.5	8.7	77.3	4	Ci.	Cu.	5	Ci.	N. NE
3	S	S	NW	NNW	SSE	Calm	12.7	26.9	50.9	11.6	102.1	6	Ci.-Cu.	N.	6	Ci.-S.	Cu.
4	Calm	Calm	NNE	NNE	S	Calm	6.2	23.9	53.9	5.1	89.1	6	Ci.	N.	8	Ci.-S.	N. SE
5	Calm	Calm	S	SSW	Calm	S	9.4	38	44.6	21.2	113.2	10	Ci.-S.	N.	8	Ci.-S.	Fr.-N. S
6	Calm	SSE	SSW	NE	Calm	Calm	13.5	29.8	26	16.4	85.7	8	A.-Cu.	N. S	10	Ci.-S.	N. S
7	S	Calm	S	N	Calm	Calm	8.9	39.6	36.2	4	88.7	8	Ci.	Cu.	8	Ci.-S.	Fr.-N. S
8	SSE	SSE	S	N	Calm	SSE	17.4	44.6	34.1	15.3	111.4	8	Ci.	Cu.	4	Ci.	Cu. S
9	Calm	Calm	S	NNW	WSW	Calm	13.9	38.9	41	7.8	101.6	7	A.-Cu.	N.	8	Ci.-S.	Fr.-N. S
10	Calm	SSE	SW	NE	SW	S	14.5	36.4	33.3	44.9	129.1	10	Ci.-S.	N.	9	Ci.-S.	Fr.-N.SW
11	S	S	S	NW	S	SSW	38.4	52.3	43.5	31.9	166.1	9	Ci.-S.	N.	9	Ci.-S.	N. N
12	SW	S	S	SW	SW	S	35.4	63.9	57.1	40	196.4	10	----------	N. S	8	Ci.-S.	Fr.-N.SW
13	S	S	SW	S	Calm	S	48.9	46.9	27.9	31.9	155.6	6	Ci.	N.	10	----------	N. S
14	S	S	SW	NW	Calm	Calm	30.3	44.1	28.8	10	113.2	5	Ci.	N.	8	----------	Fr.-N. S
15	SW	Calm	SW	NE	NE	Calm	14	24.6	41.3	9.9	89.8	9	Ci.-S.	N.	8	Ci.-S.	N. NE
16	Calm	Calm	WSW	NW	SE	Calm	1.9	33	56.6	11.5	103	4	A.-Cu.	Fr.-N.	7	A.-Cu.	Cu.
17	SSW	Calm	NE	S	Calm	Calm	17.4	23.5	42.3	10.3	93.5	7	Ci.	N.	10	----------	N.
18	SW	SW	WNW	S	S	S	34.3	32.4	39.2	21.5	127.4	2	Ci.	Cu.	10	Ci.-S.	N.
19	Calm	S	S	S	Calm	Calm	12.9	44.6	24.1	9.4	91	8	Ci.-S.	N.	9	Ci.-S.	Fr.-N.
20	Calm	Calm	S	N	S	Calm	4.8	18	56.5	25.5	104.8	10	A.-Cu.	N. S	3	Ci.	Cu.
21	Calm	Calm	SSE	W	S	SW	7.8	34.1	44.5	35.1	121.5	3	Ci.	Cu.	9	----------	N. N
22	SW	Calm	NE	N	ENE	SW	10.2	19.9	44.3	9.9	84.3	4	Ci.	Cu.	4	Ci.	Cu. ENE
23	Calm	Calm	WNW	NE	SW	Calm	9.5	26.4	35.9	8.7	80.5	10	----------	N. E	8	Ci.-S.	Cu.
24	Calm	Calm	NE	NE	SW	Calm	3.2	21.4	43.1	15.3	83	6	Ci.	N.	8	Ci.	Fr.-N. SE
25	Calm	Calm	NE	NE	SE	Calm	2.9	21.2	56.3	3.2	83.6	4	Ci.	Cu.	5	Ci.	Cu. SE
26	Calm	S	S	Calm	Calm	Calm	17.1	29.3	-----	-----	-------	10	Ci.-S.	N. E	10	----------	Fr.-N. SE
27	Calm	Calm	NE	NE	NE	S	-----	-----	45.3	-----	-------	4	Ci.	Fr.-Cu.NE	8	Ci.	Fr.-N. E
28	Calm	Calm	Calm	N	Calm	Calm	-----	-----	-----	-----	-------	10	Ci.-S.	Fr.-N.	8	Ci.-S.	N.
29	Calm	Calm	Calm	NNW	Calm	Calm	-----	-----	40.8	-----	-------	10	Ci.-S.	N.	10	Ci.-S.	N. S
30	Calm	Calm	S	NE	NE	Calm	-----	23.8	46.4	8.7	-------	7	Ci.	N.	8	Ci.	Cu. S
31	Calm	Calm	NE	NE	Calm	Calm	5.9	23.9	37.2?	7.5	74.5	6	Ci.	Fr.-N. N	8	Ci.-S.	Fr.-N.NE
Mean	------	------	------	------	------	------	14.9	32.3	41.5	15.8	105	6.9	----------	----------	7.7	----------	----------

CAPIZ.

[ϕ=11° 35′ N; λ=122° 45′ E; barometer above sea, 6.6 meters; gravity correction not applied, —1.81 mm.]

SEPTEMBER, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.09	59.41	59.81	57.97	58.40	59.57	59.04	24.6	24	27.7	29.9	27.4	23.8	26.2	31.5	23.6	95	97	84	75	83	97	88.5	16.8
2	58.68	58.41	58.27	56.20	57.43	57.83	57.80	24.4	23.6	29	30	25.2	24.8	26.2	31.5	23.3	97	98	74	72	90	97	88	3.9
3	56.59	56.60	57.12	55.46	55.32	56.67	56.29	23.8	23.4	27.8	29.5	27	25	26.1	31.7	23.1	95	96	79	75	86	88	86.5	5.1
4	55.99	56.04	56.32	54.68	55.66	57.08	55.96	24.2	24.7	28.5	32	27.7	25.2	27	33.7	23.6	90	86	74	57	66	84	76.2	------
5	56.78	57.05	58.22	56.28	56.76	58.24	57.22	23.5	24.3	30.4	31.5	28.7	24.5	27.2	34.9	23.5	96	93	72	69	78	92	83.3	------
6	57.57	58.04	58.77	56.59	57.28	59.12	57.90	24.5	23.8	30.6	31.6	26.5	24.8	27	33	23.7	92	97	72	65	80	93	83.2	.5
7	57.94	57.76	58.51	56.64	56.72	58.72	57.72	24.4	23.8	30.3	30.6	28.5	24.8	27.1	32.4	23.7	95	97	76	72	78	92	85	9.4
8	57.40	58.44	59.45	57.29	57.60	59.21	58.23	25	24.1	28.7	29	27.6	26	26.7	31.3	23.5	92	96	80	73	87	95	87.2	10
9	57.72	57.78	58.71	56.63	57.92	58.96	57.96	25	24	30	31	26.5	25.7	27	32.6	23.8	96	97	71	65	88	96	85.5	8.3
10	57.33	57.79	58.11	56.54	57.30	59.33	57.73	24.9	23.5	28.1	26.6	24.9	24.5	25.4	31	23.4	97	97	81	93	96	97	93.5	11.7
11	58.01	58.66	59.57	57.22	58.48	60.42	58.73	23.7	23.2	28.1	30.6	24.5	24.2	25.7	32.4	23	96	98	79	70	96	97	89.3	9.7
12	59.41	59.62	61.23	58.47	58.43	59.96	59.52	23.8	23.8	25.7	29.3	27	25.8	25.9	30.8	23.7	97	97	90	76	83	89	88.7	2.6
13	58.44	58.26	58.64	56.85	56.81	58.28	57.88	25	23.2	28	28.9	27.6	24.5	26.2	31.7	23.2	92	97	80	71	83	96	86.5	15
14	57.06	56.55	57.27	55.45	56.44	57.86	56.77	23.8	23.7	27	28	23.9	23.5	25	29.4	23.3	97	98	87	80	97	97	92.7	20.9
15	56.63	56.82	57.70	56.32	57.22	58.79	57.25	23.1	22.8	29	29	26.5	25	25.9	31.6	22.4	97	97	78	74	92	95	88.8	.5
16	57.69	57.65	58.56	56.90	58.09	58.84	57.96	24	23.5	30	27	24.7	24.1	25.6	31.9	23.2	96	97	71	89	96	97	91	8.1
17	58.10	57.87	57.68	55.46	56.81	58.31	57.37	23.2	22.5	29.1	30.5	28	25.3	26.4	32.3	22.1	97	96	72	67	82	90	84	------
18	56.78	56.63	57.49	55.59	56.07	58.18	56.79	24	22.9	30.8	31.6	27	25.5	27	33.4	22.7	93	97	70	66	84	92	83.7	------
19	56.64	56.68	57.32	55.50	56.69	58.12	56.82	24.4	23.1	31.7	32	28.2	26	27.6	34	22.8	95	96	63	63	78	88	80.5	------
20	57.64	57.41	57.80	56.36	56.70	58.07	57.33	24.9	24.4	30.8	30.8	27.6	25.6	27.4	34	24.1	91	92	71	71	81	88	82.3	------
21	56.52	56.29	57.13	55.01	55.99	56.95	56.32	24.1	24	27.7	31.5	28.5	26.2	27	33.3	23.7	96	96	83	66	83	90	85.7	------
22	55.62	55.59	56.55	54.52	54.42	56.02	55.45	24.6	25	26.4	28	27.5	25.5	26.2	29.9	24.2	95	92	88	85	84	92	89.3	12.2
23	55.08	55.30	56.10	53.46	54.03	55.44	54.90	24.1	24	25.4	28.5	26.6	25.1	25.6	30.5	23.5	91	92	93	78	87	90	88.5	6.8
24	54.21	54.31	55.06	52.89	53.89	56.10	54.41	24.7	24	29.9	30.8	27.1	24.9	26.9	32.5	23.5	91	96	68	66	95	94	85	9.9
25	54.94	54.45	55.36	53.65	54.79	56.59	54.96	24.2	24.9	30.3	30.3	25.9	24.5	26.7	32.5	23.8	91	87	71	71	84	94	83	3.1
26	56.09	56.16	56.69	55.31	56.43	58.20	56.48	24.8	23.8	30.3	27.8	26.2	25.1	26.3	33.9	23.3	92	97	70	87	82	87	85.8	4.3
27	57.53	58.28	58.99	56.49	56.45	58.33	57.68	24.3	24.7	27.9	29.6	27.5	25.8	26.6	32.3	24.3	93	91	71	75	84	89	83.8	------
28	56.65	56.75	57.68	55.94	56.03	57.80	56.81	25.1	24.6	29.8	30.5	27.8	23.7	26.9	32.4	23.3	93	95	69	62	80	96	82.5	17
29	56.78	56.86	57.54	55.87	57.12	58.31	57.08	23	23.6	27.3	29.6	24.1	23.8	25.2	31.3	23	96	96	79	74	95	96	89.3	2.6
30	57.66	57.51	58.16	56.83	57.34	59.37	57.81	23.3	23.5	30	31	28.5	25.9	27	32.9	22.8	96	93	75	65	81	90	83.3	------
Mean	57.09	57.17	57.86	55.95	56.62	58.16	57.14	24.2	23.8	28.9	29.9	26.8	25	26.4	32.2	23.4	94.3	95.1	76.4	72.4	85.3	92.6	86	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	178.4

Day.	Wind.												Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.			
												Amount.	Form and direction.		Amount.	Form and direction.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.	
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*			
1	SW	SW	NW	NNW	Calm	SSE	24.6	34.6	41.5	26.8	127.5	10	Ci.-S.	N. NE	8	Ci.	Fr.-Cu.	NE
2	S	S	Calm	NW	NW	Calm	12.4	12.7	35.1	8	68.2	10	Ci.-S.	N.	9	Ci.-S.	N.	
3	Calm	Calm	WNW	E	Calm	Calm	4.5	15.6	22.7	15.8	58.6	10	Ci.-S.	N.	10	Ci.-S.	N.	S
4	S	S	S	S	S	S	22.2	49.4	77.5	29.5	178.6	9	Ci.-S.	N.	8	Ci.-S.	Cu.	S
5	S	S	SSE	NE	ENE	Calm	27.6	42	32	16.6	118.2	9	Ci.-S.	N.	8	Ci.	Fr.-N.	S
6	Calm	Calm	ESE	E	S	Calm	1.8	25.2	58.2	4.3	89.5	9	Ci.-S.	N.	8	Ci.-S.	Cu.	E
7	Calm	Calm	ENE	ENE	SE	Calm	10.5	26	43.1	9.5	89.1	4	Ci.	Cu.	7	----------	Fr.-Cu.	ENE
8	E	WSW	S	E	Calm	Calm	26.9	45.4	19.1	1	92.4	10	----------	N. NE	10	Ci.-S.	Fr.-N.	E
9	Calm	Calm	E	NE	NE	Calm	2.6	27.9	47.8	6.6	84.9	5	Ci.	Cu. NE	3	----------	Cu.	NE
10	Calm	Calm	N	W	Calm	S	8.7	20.9	19.9	11.9	61.4	8	Ci.-S.	Fr.-N. NE	10	----------	N.	NE
11	SW	Calm	SSE	SSE	Calm	Calm	17.1	41.2	29.6	5.9	93.8	9	Ci.-S.	N. S	9	Ci.-S.	N.	SE
12	SW	Calm	Calm	NNE	N	N	11.8	8.2	40.2	19.8	80	10	Ci.-S.	N.	8	Ci.-S.	N.	
13	Calm	SE	W	NW	NW	Calm	22	33.8	51.3	20.1	127.2	10	----------	N.	8	Ci.-S.	N.	
14	SW	SW	W	NW	Calm	Calm	12.1	16.3	37.5	4.2	70.1	10	----------	N.	9	Ci.-S.	Fr.-N.	N
15	Calm	Calm	SSE	SW	Calm	Calm	2.2	40.5	23.3	4.6	70.6	10	Ci.-S.	N.	10	----------	N.	S
16	Calm	Calm	SE	SW	W	Calm	3.2	22.3	35.1	15.3	75.9	9	Ci.-S.	N.	10	----------	N.	
17	Calm	Calm	SW	NE	Calm	S	3.5	13.7	36.2	11.3	64.7	7	Ci.	N.	7	Ci.-S.	Cu.	
18	Calm	Calm	S	NW	SSE	Calm	3.4	25.1	57.9	11	97.4	4	Ci.	N.	5	Ci.	Cu.	
19	Calm	Calm	N	N	S	S	3.7	23	59.5	16.1	102.3	5	Ci.	Cu.	2	----------	Cu.	
20	Calm	S	SW	NW	Calm	Calm	6.7	34.6	41.3	8.9	91.5	7	Ci.	N.	7	Ci.-S.	Fr.-N.	SW
21	Calm	Calm	SE	SW	Calm	Calm	1.6	10.3	18.3	2.2	32.4	8	Ci.-S.	N.	9	Ci.-S.	N.	
22	Calm	S	SE	Calm	N	Calm	5	18.7	20.1	22.5	66.3	10	----------	N.	10	Ci.-S.	N.	
23	SW	SW	SW	NW	Calm	SSE	22.3	29	19	23.6	93.9	10	Ci.-S.	N.	8	Ci.-S.	N.	
24	SW	Calm	SSW	SW	S	S	11.6	38.1	55.5	32.4	137.6	10	Ci.-S.	N.	9	Ci.-S.	N.	SW
25	Calm	S	S	S	S	Calm	18.5	70.6	62.8	34	185.9	10	----------	N.	9	Ci.-S.	N.	SW
26	SW	Calm	S	W	S	SSE	53.6	31.1	30	22.3	137	10	Ci.-S.	N. SW	10	----------	N.	W
27	Calm	SW	SW	N	Calm	Calm	9.4	40.4	29.5	17.1	96.4	10	----------	N. W	9	Ci.-S.	Fr.-N.	SW
28	Calm	Calm	S	NW	Calm	S	2.6	24.4	31.7	21.1	79.8	10	Ci.-S.	N. W	10	Ci.-S.	N.	
29	SSW	Calm	WNW	NW	SW	S	32.7	22	44.1	19.9	118.7	10	Ci.-S.	N. W	7	Ci.	Cu.	W
30	Calm	S	SE	ESE	Calm	Calm	8.7	35.4	44.8	10.5	99.4	8	Ci.	Fr.-N.	8	Ci.	Cu.	SE
Mean	------	------	------	------	------	------	13.1	29.3	38.8	15.1	96.3	8.7	----------	----------	8.2	----------	----------	
Total	------	------	------	------	------	------	------	------	------	------	2,889.3	----	----------	----------	----	----------	----------	

CAPIZ.

[$\phi = 11°\ 35'$ N; $\lambda = 122°\ 45'$ E; barometer above sea, 6.6 meters; gravity correction not applied, —1.81 mm.]

OCTOBER, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.39	58.64	58.32	56.63	57.52	59.23	58.12	25	24.2	31.6	31	28.3	26.5	27.8	33.3	24	93	97	70	71	86	92	84.8	1.8
2	58.58	58.74	59.60	57.17	57.91	59.01	58.50	24.8	24.5	30.5	31	28.3	25.8	27.5	32.4	24.2	95	96	72	71	80	93	84.5	1
3	58.05	58.35	59.27	58.04	58.95	59.37	58.67	24.8	24.3	29.4	27.5	25.6	24.3	26	31.2	23.8	95	96	72	85	92	96	89.3	17.8
4	58.78	58.70	59.92	57.95	58.44	59.88	58.94	23.2	23.2	29.1	29	24.5	23.7	25.4	31.2	22.8	97	97	81	74	92	96	89.5	1
5	58.76	59.09	59.87	57.94	58.40	59.57	58.94	23.4	22.8	31	28.5	27	25.3	26.3	33.9	22.6	97	97	70	78	90	93	87.5	.6
6	58.22	58.11	59.41	56.64	58.07	58.74	58.20	24.1	23.5	30.4	30.9	24.5	24	26.2	32.7	23.2	95	96	66	69	92	94	85.3	.8
7	57.60	57.81	58.40	56.35	57.21	58.72	57.68	23.3	22.8	29.9	29.7	27.4	25.3	26.4	32.5	22.6	96	97	73	76	81	85	84.7	1.8
8	57.50	57.74	58.67	56.90	57.43	59.23	57.91	24.5	24	27	29	27.2	24.5	26	30.8	23.7	92	97	87	74	83	96	88.2	22.1
9	58.05	58.64	59.31	57.69	58.38	60.10	58.70	24.1	23.5	29.5	29.7	27.7	25.6	26.7	32.8	23.4	96	96	71	71	84	93	85.2	------
10	59.16	59.92	60.23	57.95	58.51	59.95	59.29	24.5	23.8	30.1	30.5	27.6	25.5	27	33.3	23.6	96	97	72	74	87	93	86.5	17.5
11	58.19	58.79	59.07	56.97	57.16	58.58	58.13	25	24.1	29.5	30.7	28.3	26.1	27.3	32.5	23.6	94	97	75	70	83	95	85.7	24.9
12	57.49	57.83	58.70	56.72	56.86	58.30	57.65	25.1	24.6	29.5	30.9	28.1	26	27.4	32.3	24.2	96	97	76	70	85	91	85.8	2.3
13	57.44	58.04	58.90	56.50	57.46	58.79	57.86	26.3	25	30.5	30	27.4	26.2	27.6	32.8	25	90	95	69	75	86	91	84.3	1.3
14	57.19	57.54	58.67	56.54	57.09	58.14	57.53	25	24.4	27	26.7	26.1	25.4	25.8	28.8	24	94	97	84	91	93	93	92	20.5
15	56.92	57.24	58.05	55.85	56.47	57.67	57.03	25	24.5	26.6	29.9	27.4	25.5	26.5	31.4	24.3	95	97	91	70	85	94	88.7	3.3
16	56.75	57.15	57.47	55.59	57.15	57.79	56.98	24.7	24.1	28.8	30.7	24.5	24.2	26.2	31.8	23.7	97	97	82	70	93	95	89	2.6
17	57.14	57.51	58.42	55.77	57	58.61	57.41	23.2	23.1	29.5	30.8	27.4	26.2	26.7	32.8	22.8	96	97	71	71	87	92	85.7	.3
18	57.43	57.85	58.87	56.36	57.38	58.57	57.74	25.4	24.5	29.5	30.6	27.5	27.1	27.4	32.1	24.4	95	96	75	72	87	89	85.7	.6
19	56.80	57.33	57.86	55.58	56.25	57.83	56.94	26.1	25.6	29.8	30.9	28.2	25.2	27.6	32.4	25.2	94	95	77	67	82	93	84.7	9.5
20	56.81	57.24	57.97	56.06	57.03	58.57	57.28	25.5	25.2	30.7	31.5	27.6	25.7	27.7	32.9	24.9	94	94	71	68	87	96	85	14
21	57.42	57.69	58.92	57.01	57.52	59.24	57.97	25.1	23.9	28.6	28.8	26.6	24.8	26.3	31.2	23.4	96	96	80	76	87	95	88.3	13
22	57.73	57.81	58.38	56.35	57.20	58.46	57.66	24.6	24.2	28.3	29	27	27	26.7	30.8	24	96	98	84	76	87	86	87.8	7.2
23	57.74	58.21	58.67	55.99	57.12	58.67	57.73	26.3	24.6	29.5	30.1	28	26.8	27.6	32.6	24.4	90	98	79	72	82	90	85.2	.8
24	57.61	58.09	59.14	56.48	57.67	59.62	58.10	26.6	26.6	30.3	26	24.8	24.4	26.4	31.7	24	89	89	70	96	97	97	89.7	52.5
25	58.88	59.23	60.14	57.91	58.97	60.83	59.33	23.7	23.5	29	30.6	27.2	23.5	26.2	32.4	23.2	96	96	75	70	87	96	86.7	23.9
26	60.02	60.24	60.37	58.47	58.66	60.52	59.71	23.3	23.5	26	29	27	26.6	25.9	30.7	23.3	97	97	94	74	80	86	88	5.6
27	58.79	59.15	59.96	57.45	58.05	58.78	58.70	26.3	26.2	29	29.5	27.4	27	27.6	31.4	25.5	86	86	77	75	82	84	81.7	1.3
28	57.67	57.92	58.90	56.41	57.47	58.59	57.83	26.5	26	29	28.8	27.2	26.1	27.3	31.2	25.6	86	88	78	80	90	91	85.5	------
29	58.02	58.17	59.47	57.72	58.29	59.31	58.50	26.3	24.7	30.3	30	25.6	24.8	27	32.6	24.6	91	96	70	65	92	95	84.8	4.8
30	58.39	58.53	59.17	57.40	58.20	58.57	58.38	24.3	24.7	30	29.3	26.2	24.7	26.5	32.3	24	96	94	75	72	87	97	86.8	6.4
31	57.59	57.68	57.81	55.50	56.38	57.17	57.02	24.9	25.5	29.5	29.3	27.2	26	27.1	31.2	24.2	96	91	75	75	84	93	85.7	8.4
Mean	57.91	58.23	58.96	56.84	57.62	58.92	58.08	24.9	24.4	29.3	29.7	26.9	25.5	26.8	32	23.9	94.1	95.4	76.2	74.1	86.8	92.6	86.5	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	267.6

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	SW	Calm	E	NE	Calm	Calm	9.5	22.2	53.3	7.7	92.7	7	Ci.	Cu.-N. E	3	Ci.	Cu.
2	SW	Calm	NNW	NE	Calm	Calm	14.8	37.8	39.6	2.9	95.1	7	Ci.	N. E	7	Ci.-S.	Cu.
3	Calm	Calm	NW	SW	Calm	Calm	5.9	24.3	31.2	4.3	65.7	10	Ci.-S.	N.	9	Ci.-S.	N.
4	SW	Calm	S	NE	Calm	Calm	9.2	18	28.5	5.8	61.5	8	Ci.-S.	N.	8	Ci.-S.	Fr.-N. SW
5	Calm	Calm	SE	E	Calm	Calm	2.2	29.8	23.6	6.1	61.7	8	Ci.	Fr.-N.	10	Ci.-S.	N.
6	SSE	SE	N	N	E	Calm	8.2	32	44.5	9.1	93.8	3	Ci.	Cu.	7	Ci.-S.	Cu.-N.
7	Calm	Calm	NE	NE	Calm	Calm	1.4	24.3	41	4	70.7	8	Ci.	N.	8	Ci.-S.	N.
8	SSE	SSE	Calm	NW	NW	ENE	14.8	18.8	34	20.1	87.7	8	Ci.-S.	N. NW	8	Ci.-S.	Fr.-N. NW
9	Calm	Calm	SSE	N	Calm	Calm	4.5	18.8	29.5	1	53.8	8	Ci.-S.	N.	9	Ci.-S.	N.
10	Calm	Calm	SE	NE	Calm	Calm	1.4	22.8	47.5	5.3	77	7	Ci.	Cu.	8	Ci.-S.	N.
11	Calm	S	ENE	NE	Calm	Calm	5.3	39.7	49.3	10	104.3	10	----------	N. NE	6	Ci.	Cu.
12	Calm	Calm	N	NE	Calm	Calm	17.5	45.3	38.6	9.9	111.3	8	----------	N. NE	5	----------	Fr.-Cu. ENE
13	E	Calm	NE	NE	Calm	Calm	13.4	43.3	33.6	8	98.3	9	Ci.-S.	N.	8	Ci.-S.	N.
14	Calm	Calm	E	WNW	Calm	NE	8	22.2	13.7	16.9	60.8	9	Ci.-S.	N. NE	8	Ci.-S.	N. NE
15	Calm	Calm	Calm	NE	Calm	Calm	5.3	24.6	28	4.8	62.7	7	Ci.	Fr.-N. E	6	Ci.	Cu. E
16	Calm	Calm	SE	NE	S	Calm	5.8	16.3	40.4	10.3	72.8	10	Ci.-S.	N.	8	Ci.-S.	Cu.
17	SE	Calm	E	ENE	E	Calm	2.4	17.5	33	9.7	62.6	7	Ci.	N.	8	Ci.-S.	Fr.-N. E
18	E	Calm	E	ENE	Calm	Calm	10.3	27.7	52.9	7	97.9	8	Ci.-S.	N.	8	Ci.-S.	N.
19	E	Calm	E	E	Calm	NE	8.5	49.4	56	22	135.9	7	Ci.-S.	Fr.-N. E	4	Ci.	Cu. E
20	E	Calm	E	E	E	NE	10.3	56.1	66.3	21.9	154.6	3	Ci.	Cu. ESE	4	Ci.	Cu. E
21	Calm	Calm	E	E	E	Calm	34.4	44.3	54.2	11.8	144.7	7	Ci.-S.	N. E	10	Ci.-S.	N. E
22	Calm	Calm	NNE	E	Calm	E	8.3	25.1	57.4	27.9	118.7	9	Ci.-S.	N. E	9	Ci.-S.	Fr.-N. E
23	E	Calm	NE	NE	NE	Calm	15.9	33	42	24.4	115.3	8	Ci.-S.	N. E	8	Ci.-S.	N.
24	E	NE	NE	S	S	Calm	17.2	46.2	31.9	6.1	101.4	10	Ci.-S.	N. NE	10	Ci.-S.	N. NE
25	Calm	Calm	ENE	NE	Calm	S	6.2	47.7	62.3	31.9	148.1	7	Ci.-S.	Cu.	3	----------	Cu. E
26	Calm	Calm	E	NE	E	NE	8.3	26	55.3	47	136.6	9	A.-Cu.	N. E	6	Ci.	Fr.-N. E
27	NE	NE	E	NE	E	NE	33.5	48	54.4	48.3	184.2	8	Ci.-S.	N. E	8	Ci.-S.	Fr.-N. E
28	SE	NE	NE	NE	Calm	NE	44.1	60.6	32.7	16.6	154	3	Ci.	Cu.-N. NE	7	Ci.-S.	Cu. NE
29	SSE	Calm	NE	NE	Calm	Calm	23	48.5	41.5	6.1	119.1	2	----------	Cu. NE	8	----------	N. NE
30	Calm	N	NE	NE	NE	Calm	8.3	56.5	47.5	13.7	126	8	Ci.-S.	Fr.-N. NE	8	Ci.-S.	Fr.-N. NE
31	NE	NE	NE	NE	NE	Calm	22.5	49.4	36.8	7.5	116.2	7	Ci.-S.	Fr.-N. NE	7	Ci.	Fr.-N. NE
Mean	-----	-----	-----	-----	-----	-----	12.3	34.7	42	13.8	102.7	7.4	----------	----------	7.3	----------	----------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	3,185.2	----	----------	----------	----	----------	----------

CAPIZ.

[$\phi = 11° 35'$ N; $\lambda = 122° 45'$ E; barometer above sea, 6.6 meters; gravity correction not applied, —1.81 mm.]

NOVEMBER, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.17	56.43	57.02	54.84	55.85	57.27	56.26	25.1	24.6	28.7	30.4	27.5	25.5	27	31.8	24.4	97	98	83	72	88	96	89	13
2	56.47	56.69	57.65	55.26	56.94	58.43	56.91	24.1	23.9	28.2	31.1	25.5	25	26.3	31.5	23.3	97	97	78	61	92	96	86.8	22.9
3	57.68	58.45	58.53	56.87	57.67	58.97	58.03	23.4	23.7	29	30	27.6	27.2	26.8	32	23.3	97	97	79	69	80	84	84.3	.3
4	57.72	57.92	58.19	56.02	56.53	57.93	57.38	26.6	26.5	30.1	31	27.9	26.7	28.1	32.4	25.3	87	88	71	70	81	89	81	.5
5	56.84	57.10	58.25	55.51	55.87	58.64	57.04	24.9	26	29.8	30.7	26.7	24.6	27.1	32.3	24.1	92	88	72	64	83	92	81.8	.3
6	56.68	56.99	57.98	55.81	56.37	57.77	56.93	23.7	23.4	29.9	29.4	26.6	24.6	26.3	32	23.1	95	97	70	71	85	92	85	2.3
7	56.65	57	58.27	55.97	56.60	57.79	57.05	23.8	23.5	30	30.5	26.5	24.6	26.5	32.3	23.2	93	95	71	65	85	92	83.5	------
8	56.85	57	58.75	56.90	57.27	59.09	57.64	23.3	22.6	30.7	28.6	26.7	25.7	26.3	33.1	22.4	95	97	65	77	90	90	85.7	.3
9	58.05	58.34	59.01	57.04	57.86	59.32	58.27	24.9	23.7	29.5	31	27.8	26	27.2	33.2	23.5	93	97	71	69	82	92	84	.3
10	58.24	58.78	59.32	56.95	57.30	58.79	58.23	25	24.1	29.7	30.6	27.1	26.7	27.2	33	23.8	95	96	71	71	81	86	83.3	11.1
11	57.67	57.91	58.91	57.40	58.36	59.55	58.30	25	25	29	27.9	23.6	25.6	26	31.3	23.2	91	91	68	74	95	83	83.7	17
12	58.59	58.82	59.91	57.44	57.70	59.62	58.68	25.8	26	28.7	29.9	27.3	26.9	27.4	31.7	25	81	80	76	65	72	74	74.7	------
13	59.04	59.17	60.43	58.38	58.49	59.75	59.21	26.1	26.6	27.5	28.4	26.4	26.6	26.9	31.9	25.8	79	77	81	78	84	80	79.8	.5
14	58.39	58.64	58.91	57.01	57.53	58.42	58.15	26.1	26	29.7	28.7	27.4	25.5	27.2	31.9	25.5	83	84	70	76	79	88	80	5.9
15	56.85	56.93	57.38	55.57	56.18	57.34	56.71	25.1	24.9	29	29.5	27.1	24.2	26.6	30.9	23.9	90	90	79	75	84	95	85.5	22.1
16	56.44	56.53	56.98	54.62	55.84	57.30	56.28	24.1	24.4	27.7	29.4	27	24.2	26.1	30.7	23.9	97	97	84	71	84	97	88.3	2
17	56.38	56.83	57.30	55.26	57.06	58.24	56.84	23.4	23.3	29.7	27.6	24.1	24.2	25.4	32	23.2	97	97	76	87	97	97	91.8	73.2
18	57.81	58.06	59.36	57.28	58.12	58.97	58.27	24.1	24.1	28.6	26	25.5	24.5	25.5	31.6	23.7	92	91	80	97	92	93	90.8	------
19	58.15	58.55	59.27	56.65	57.56	59.06	58.21	23.6	23.6	28.6	29.5	27.1	25.4	26.3	31.3	23.4	98	98	77	77	87	93	88.3	------
20	57.85	58.24	58.92	55.86	57.55	58.97	57.90	24.3	24.4	27.5	30.2	27.7	24	26.4	32.2	23.3	95	95	81	70	84	96	86.8	49.3
21	58.01	58.51	59.19	57.03	58.14	59.02	58.32	23.5	23.6	29.4	28.9	27	23.4	26	31.4	23.3	97	98	74	80	84	96	88.2	44.9
22	58.41	58.64	59.57	57.60	57.74	59.38	58.56	23.6	23.1	25.5	25.6	25	24.2	24.5	27.4	22.9	97	97	95	94	96	97	96	2.4
23	58.23	58.64	59.27	57.05	57.88	59.02	58.35	23	22.1	28.3	29.5	26.4	24.3	25.6	31.5	22	97	99	79	72	86	95	88	------
24	58.01	58.27	58.90	56.69	56.87	58.19	57.82	23.3	23	29.5	30.4	27.7	24.1	26.3	31.9	22.8	96	97	73	67	81	93	84.5	5.4
25	56.95	57.14	58.02	55.91	56.31	57.07	56.90	24.3	24.1	29.5	29.7	26.2	24.9	26.4	31.7	23.9	94	95	64	65	82	93	82.2	1.8
26	55.85	56.20	56.11	53.86	54.65	56.09	55.46	23.9	23.5	29.8	30.5	27.2	26.5	26.9	31.8	23.3	94	96	73	66	79	86	82.3	------
27	55.29	55.30	56.18	54.01	55.27	56.34	55.40	24.9	26	26	28.7	26.9	24.6	26.2	31.8	24.2	89	87	92	78	84	96	87.7	27.1
28	55.49	55.52	56.65	54.76	55.62	56.07	55.68	26	26.7	28.5	29.1	24.5	26.2	26.8	30.8	24.4	86	83	80	78	95	89	85.2	4.9
29	55.24	55.68	56.92	55.08	56.34	58.32	56.26	26.5	26.8	28.2	28	26.8	26.2	27.1	30.3	25	82	80	76	77	74	79	78	1.6
30	57.10	57.43	58.67	56.92	57.54	58.05	57.62	25.7	25.6	27.5	28.5	24.1	25.3	26.1	30.5	23.8	72	71	66	64	87	72	72	.6
Mean	57.24	57.52	58.33	56.18	56.97	58.29	57.42	24.6	24.5	28.8	29.3	26.5	25.2	26.5	31.6	23.8	91.6	91.8	75.8	73.3	85.1	90	84.6	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	309.6

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0-10.*			*0-10.*		
1	SE	Calm	E	NE	Calm	Calm	13.5	28.7	44.1	6.2	92.5	8	Ci.	Fr.-N. NE	6	Ci.-S.	Cu. NE
2	Calm	Calm	NE	NE	ESE	W	4.5	32.4	51.3	13.5	101.7	8	Ci.-S.	N.	8	Ci.-S.	Cu.
3	Calm	Calm	NE	NE	NE	N	4	29.2	43.3	25.4	101.9	8	Ci.-S.	N.	8	Ci.	Fr.-N. NE
4	Calm	NE	NE	NNW	NNE	WNW	18.7	61.2	54.1	28.2	162.2	8	Ci.-S.	N. NE	8	Ci.-S.	Fr.-N. N
5	Calm	N	NNW	N	Calm	Calm	18.3	61.5	45.7	7	132.5	9	Ci.-S.	Fr.-N. N	6	Ci.	Cu. N
6	Calm	Calm	NNW	NNW	Calm	Calm	3	19.9	34	1.6	58.5	9	Ci.-S.	Fr.-N. N	9	Ci.-S.	Fr.-N. N
7	Calm	Calm	NNE	N	Calm	Calm	5	35.2	30.9	1.4	72.5	4	Ci.	Cu. N	3	Ci.	Cu.
8	Calm	Calm	S	NNE	Calm	Calm	1	24.6	21.7	4.6	51.9	4	Ci.	N.	10	----------	N. S
9	Calm	Calm	NE	N	Calm	Calm	1.9	20.1	35.2	1.9	59.1	9	Ci.-S.	N.	7	Ci.-S.	Cu.
10	Calm	Calm	NE	NE	N	N	3	31.6	75.8	64.4	174.8	4	----------	N.	4	Ci.	Cu. NE
11	N	NNE	NE	NNE	NE	NE	64.4	71.1	40.8	29.2	205.5	10	----------	N. NE	10	Ci.-S.	N. NE
12	NE	NE	NE	NE	NE	NE	52	64.2	97.6	72.9	286.7	7	Ci.-S.	N. NE	6	Ci.	Cu. NE
13	NE	NE	NE	E	E	NE	51	72.4	69.8	53.4	246.6	9	Ci.-S.	N. NE	10	Ci.-S.	Fr.-N. NE
14	NE	NE	N	N	N	Calm	59	74.5	62.6	20.6	216.7	9	Ci.-S.	Fr.-N. NE	9	Ci.-S.	N. N
15	Calm	NNW	WNW	NNW	NW	SW	27.4	27.2	53.4	27.1	135.1	8	Ci.-S.	Fr.-N. N	9	Ci.-S.	Fr.-N.
16	W	WSW	W	NW	Calm	SSE	23.8	28.2	30.1	16.3	98.4	10	----------	N. W	8	Ci.-S.	Fr.-Cu. NW
17	SE	Calm	SSE	NW	Calm	Calm	12.4	28	29	6.4	75.8	8	Ci.	N.	10	----------	N. NW
18	SSE	Calm	SE	SSE	Calm	Calm	13.5	22.2	17.7	8.5	61.9	8	A.-Cu.	Cu. NE	10	Ci.-S.	N.
19	Calm	Calm	S	NE	Calm	Calm	11.1	20.6	43.7	6.4	81.8	10	Ci.-S.	N.	7	Ci.-S.	Cu. NE
20	Calm	Calm	SSE	NE	NW	SSE	1.9	16.7	34.9	30.1	83.6	10	Ci.	N.	8	Ci.-S.	Cu.
21	Calm	Calm	E	NE	Calm	Calm	1	15.5	23.6	19.3	59.4	8	Ci.-S.	N.	7	Ci.-S.	Fr.-N. NE
22	Calm	Calm	ENE	E	Calm	Calm	6.7	5.8	5.6	4.3	22.4	10	----------	N.	10	----------	N.
23	Calm	Calm	NE	NE	Calm	Calm	4.3	21.9	42.9	1.8	70.9	4	Ci.	N.	3	Ci.	Cu.
24	Calm	Calm	NNE	NNE	N	WSW	1.3	28.4	43.8	36.4	109.9	9	----------	Fr.-N. NE	4	Ci.	Fr.-Cu. NE
25	Calm	Calm	NNE	NE	Calm	Calm	9.1	40.5	27.4	5.1	82.1	8	Ci.-S.	Fr.-N. NE	3	----------	Fr.-N.
26	Calm	NE	WNW	NW	NW	NNE	9.2	43.1	60.6	27.7	140.6	10	----------	N. N	6	Ci.-S.	Fr.-N. NW
27	NW	NW	N	NW	NW	W	32.2	46.9	83.4	48.9	211.4	8	Ci.	N. N	9	Ci.	N. NW
28	NW	NW	NW	NW	NW	N	75.3	75	75	68.1	293.4	9	Ci.-S.	Fr.-N. NW	10	Ci.-S.	Fr.-N. NW
29	N	N	NW	NW	N	N	74.5	70.2	84.7	95.2	324.6	10	----------	Fr.-N. N	10	Ci.-S.	N. N
30	N	N	NNE	N	N	N	124.5	108.9	94.1	95.5	423	9	Ci.	Fr.-N. N	8	Ci.	Fr.-Cu. N
Mean	------	------	------	------	------	------	24.2	40.9	48.6	27.6	141.2	8.2	----------	----------	7.4	----------	----------
Total	------	------	------	------	------	------	------	------	------	------	4,237.4	----	----------	----------	----	----------	----------

CAPIZ.

[$\phi = 11° 35'$ N; $\lambda = 122° 45'$ E; barometer above sea, 6.6 meters; gravity correction not applied, —1.81 mm.]

DECEMBER, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.24	57.40	58.20	55.55	55.92	56.05	56.73	25.1	25.3	26.4	28	25.2	26.1	26	29.9	24.7	75	77	75	67	88	79	76.8	3.4
2	55.49	55.73	56.53	55.37	56.54	57.65	56.22	24.8	25.4	25.9	26.8	25.7	25.5	25.7	28.2	24.3	88	88	85	79	82	86	84.7	1.1
3	56.82	56.99	58.52	56.46	57.53	59.13	57.58	24.7	24.2	27.5	28.8	27	26.4	26.4	31.3	24	92	96	85	79	86	87	87.5	------
4	58.12	58.20	59.21	56.90	57.18	58.09	57.95	26.1	25.2	29.7	29.8	27.1	26.6	27.4	31.5	25.1	89	93	76	71	87	81	82.8	------
5	57.27	57.43	58.51	56.05	56.31	57.54	57.18	26.2	26.1	28.5	28.3	26.6	26.1	27	31.8	24.9	84	87	77	78	87	87	83.3	3
6	56.61	56.78	57.71	56.18	56.69	57.54	56.92	25.6	25.4	29	26.6	26	25.8	26.4	30.8	24.7	88	80	74	86	88	90	84.3	11.8
7	56.87	57.05	57.55	56.02	56.47	57.72	56.95	25.1	24.5	29.1	29.5	26.2	25.8	26.7	31.3	24.4	91	92	75	74	87	89	84.7	1.3
8	56.68	56.84	57.78	55.80	56.32	57.49	56.82	24.8	25.1	28.3	29.8	26.9	25.5	26.7	31.3	24.7	89	88	74	69	85	89	82.3	.8
9	57.01	57.22	58.57	56.30	56.65	58.22	57.33	24.8	24.5	28.5	30	26.9	25	26.6	31.7	24.5	94	96	78	67	81	93	84.8	8.4
10	57.49	57.84	58.80	56.55	57.19	58.33	57.70	24.6	24.1	28.6	29.9	25.6	26.5	26.6	31.6	23.7	94	95	78	65	93	84	84.8	11.5
11	57.19	57.64	58.42	56.71	57.03	58.47	57.58	25.6	24.8	29	26.5	26.8	26.4	26.5	31.3	24.3	88	91	72	89	90	81	85.2	14.2
12	57.14	57	58.12	56.19	57.48	58.17	57.35	25.4	25.2	28.5	27.4	24.6	25.5	26.1	31.3	23.9	87	87	78	84	94	90	86.7	15.7
13	57.57	57.68	58.21	56.25	56.88	57.74	57.39	25.4	25.6	28.7	28.9	27.2	26.4	27	30.9	24.9	91	90	78	78	84	84	84.2	.6
14	56.79	56.85	58.22	55.99	56.18	57.23	56.88	26.3	26.1	24.5	27.3	26.2	26.1	26.1	28.7	24.3	82	82	92	78	90	92	86	2.6
15	56.22	56.27	57.35	54.95	56.46	57.07	56.39	25.9	25.8	29.2	28.7	26.4	26	27	30.9	24.6	91	88	78	80	92	94	87.2	6.5
16	56.35	56.60	57.40	55.10	55.82	56.73	56.33	25.4	25.4	27.8	29.5	26.7	25.3	26.7	31.1	24.3	92	92	82	74	83	95	86.3	5
17	56.17	56.41	57.40	55.30	56.17	57.15	56.43	25.1	24.6	28.1	28.8	26.1	25.4	26.4	31.4	24.3	95	95	84	76	84	94	88	36
18	56.18	56.69	57.27	54.82	56.19	57.21	56.39	24.8	24.5	28.4	29.5	26.9	25.8	26.6	31.2	23.4	96	96	78	75	88	96	88.2	3.8
19	56.13	56.33	57.56	55.29	56.42	57.54	56.54	25.2	25.6	29	30	27.3	25.8	27.2	31.7	24.1	97	93	78	75	86	93	87	.3
20	56.79	57.15	58	56.25	57.29	58.63	57.35	25	24.7	28.9	29.5	26.4	26.5	26.8	31.3	24.4	98	98	71	68	82	80	82.8	------
21	57.89	58.20	58.27	56.37	56.92	58.41	57.68	25.6	26	28.5	28.6	27	26.7	27.1	30.4	25.4	88	87	78	80	86	84	83.8	.8
22	57.32	57.68	58.17	55.86	57.18	58.15	57.39	25.5	24.8	28	28.6	26.4	25.3	26.4	30.6	24.2	91	93	77	77	86	93	86.2	2.8
23	57.29	57.68	58.22	56.37	56.79	57.95	57.38	24.7	23.6	28.5	29.2	26	25.4	26.2	30.9	23.2	94	94	67	67	83	90	82.5	------
24	57.18	57.62	58.16	56.56	57.33	58.24	57.52	24.4	22.3	28.2	29	24.6	23.7	25.4	30.9	22.2	88	95	72	64	90	96	84.2	5.6
25	57.61	57.84	58.61	56.80	58.09	58.48	57.90	23.8	24.2	28	27.9	24.6	24.5	25.5	30.7	23.5	95	94	82	82	95	92	90	21.8
26	57.38	57.35	57.69	56.20	57.16	57.64	57.24	25	25.8	27.4	26.6	26.5	25.3	26.1	29.6	23.5	90	85	85	83	80	85	84.7	5.3
27	56.87	57.03	57.34	55.82	56.91	57.27	56.87	25	25.5	27.8	27.4	26.5	26.2	26.4	29.5	24.8	88	86	82	78	82	82	83	1.1
28	57.02	57.79	58.24	56.49	57.93	58.27	57.62	25.7	25.5	27.8	25.2	25.3	25	25.8	30.2	24.4	85	84	79	89	84	90	85.2	2.4
29	57.14	57.39	58.14	55.85	57.01	57.84	57.23	24.6	25	27.5	28.8	26.2	25.5	26.3	30.2	24.5	90	88	79	73	89	89	84.7	------
30	56.80	57.19	57.70	55.56	56.67	57.77	56.95	24.9	24.4	28.4	29.5	26.5	25.5	26.5	31.2	24.2	92	94	76	72	83	87	84	------
31	57.62	58.01	58.37	56.07	57.73	58.99	57.80	24.7	24.1	28.6	29.1	26.6	25.5	26.4	30.9	24	92	96	76	70	84	92	85	------
Mean	56.98	57.22	58.01	56	56.85	57.83	57.15	25.2	24.9	28.1	28.5	26.3	25.7	26.5	30.8	24.2	90.1	90.3	78.1	75.7	86.4	88.5	84.9	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	165.8

Day.	Wind.										Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	N	N	N	NW	NNW	NNW	101.4	104.6	77	74.3	357.3	9	Ci.-S.	N. N	10	Ci.-S.	Fr.-N. N
2	N	N	N	NE	NNE	Calm	52.8	88.5	53.7	7.5	202.5	10	------	N. N	9	Ci.-S.	Fr.-N. NE
3	Calm	Calm	NE	ENE	NNE	E	2.9	31.1	49.4	21.5	104.9	9	A.-Cu. SE	Fr.-N. NE	8	Ci.-S.	Cu.
4	E	ENE	NE	NE	NE	N	18.5	58.2	42.1	27.4	146.2	9	Ci.-S.	Fr.-N. ENE	6	Ci.-S.	Cu. NE
5	NE	NE	NE	NE	NE	NE	34.1	59.5	41.5	53.3	188.4	10	Ci.-S.	N. NE	9	Ci.-S.	Fr.-N. NE
6	NE	NE	N	N	E	NE	51.5	55.8	55	28.2	190.5	4	Ci.	Fr.-N. NE	10	------	N. N
7	ENE	Calm	N	NE	NE	Calm	22.8	47.5	47.2	21.6	139	8	Ci.-S.	N. NE	6	------	Fr.-Cu. NE
8	Calm	NE	NE	NE	NE	Calm	24.4	50.9	51.2	13.5	140	3	Ci.	Cu. NE	3	------	Cu. NE
9	Calm	Calm	NE	NE	Calm	E	9.4	55.5	45.3	6.7	116.9	8	Ci.-S.	N. E	4	Ci.	Cu.
10	Calm	Calm	E	ENE	Calm	NE	2.1	36.8	41.6	34.9	115.4	8	Ci.	Fr.-N. NE	2	------	Cu.
11	ENE	E	NE	NE	N	NE	30.9	44.5	51.2	48.3	174.9	7	Ci.-S.	Fr.-N. E	8	Ci.-S.	Fr.-N. NE
12	NE	NNE	NE	NNE	E	E	22.7	54.4	69.2	30	176.3	5	Ci.	Fr.-N. NE	10	------	N. NE
13	NE	NE	NE	NE	NE	NE	32.4	52.5	64.6	54.9	204.4	8	Ci.-S.	Fr.-N. NE	8	Ci.-S.	Fr.-N. NE
14	NE	NE	ENE	E	Calm	ENE	55.3	75.9	53.7	45.7	230.6	8	Ci.-S.	Fr.-N. NE	10	Ci.-S.	N. ENE
15	NE	NE	NE	NE	NE	NE	42.6	57.6	52.8	35.1	188.1	10	------	N. NE	8	Ci.-S.	Fr.-N. NE
16	NE	NE	ENE	E	E	Calm	37.8	65.4	72.6	26.6	202.4	8	Ci.-S.	N. NE	8	Ci.-S.	Fr.-N. E
17	NE	ENE	NE	NE	Calm	NE	29	57.9	67.9	19.1	173.9	7	Ci.-S.	N. NE	8	Ci.-S.	Fr.-N. NE
18	NE	Calm	NE	ENE	E	E	25.9	45.6	60.2	16.3	148	10	Ci.-S.	N. E	6	Ci.-S.	Cu. NE
19	Calm	ENE	ENE	ENE	E	Calm	13.2	43.1	50.7	8.5	115.5	8	------	Fr.-N. ENE	4	Ci.	Cu. E
20	Calm	Calm	NE	NE	Calm	ENE	9.5	47.5	44.8	19.3	121.1	4	Ci.	N. NE	5	Ci.	Fr.-Cu. NE
21	Calm	NE	NE	NE	ENE	NE	11.1	57.7	51.5	19.9	140.2	9	------	Fr.-N. NE	7	Ci.	Fr.-N. NE
22	Calm	Calm	NE	NE	N	Calm	4.6	34.4	49.4	8.9	97.3	10	Ci.-S.	N. E	8	Ci.-S.	Fr.-N. NE
23	SE	Calm	NE	N	Calm	Calm	11.9	32.4	29	6.1	79.4	7	Ci.-S.	Cu. NE	5	------	Fr.-Cu. N
24	Calm	Calm	NE	NE	Calm	Calm	5.4	25.4	35.1	14.2	80.1	7	Ci.	N. NE	8	Ci.-S.	Cu. NE
25	Calm	Calm	NE	NE	Calm	NE	12.3	47.3	39.7	20.7	120	10	------	N. NE	10	Ci.-S.	Fr.-N. NE
26	NE	NE	NE	NE	NE	NE	25.9	68.1	60.4	76.4	230.8	10	------	N. NE	10	Ci.-S.	N. NE
27	NE	NE	NE	NE	NE	NE	46.2	46.7	73.8	57.9	224.6	10	Ci.-S.	N. NE	10	Ci.-S.	N. NE
28	NE	NE	NE	ENE	NE	ENE	51.8	63.4	122	111.5	348.7	9	Ci.-S.	N. NE	10	Ci.-S.	N. NE
29	E	E	ENE	E	E	E	89.9	85	72.4	39.2	286.5	10	------	N. ENE	7	Ci.	Cu. E
30	E	Calm	E	ENE	E	ENE	25.5	49.4	71.3	15	161.2	6	A.-Cu. SE	Fr.-N. E	4	Ci.	Cu. E
31	ENE	Calm	ENE	ENE	E	Calm	15.6	32	55.5	4.2	107.3	9	------	Fr.-N. E	7	Ci.	N. E
Mean	------	------	------	------	------	------	29.7	54	56.5	31.2	171.4	8.1	------	------	7.4	------	------
Total	------	------	------	------	------	------	------	------	------	------	5,312.4	----	------	------	----	------	------

CALBAYOG.

[ϕ=12° 04′ N; λ=124° 36′ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.80 mm.]

JANUARY, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.17	55.68	55.64	52.61	51.90	53.61	54.27	24.4	24.3	23.5	24	24.6	23.9	24.1	24.9	22.7	95	95	91	97	97	96	95.2	158.7
2	52.96	54.79	55.82	53.98	55.15	56.19	54.82	22.9	22	27	30.5	27.6	25.7	26	30.9	21.9	96	96	80	68	76	86	83.7	------
3	55.88	56.90	58.18	56.38	57.66	59.55	57.42	25	24.8	29.5	31.4	28.5	24.9	27.4	------	24	88	87	77	66	81	93	82	------
4	58.63	59.80	60.95	59.08	59.59	60.34	59.73	23.8	22.8	29.8	29.4	26.5	24.8	26.2	30.1	22.7	96	97	74	74	90	93	87.3	10.9
5	59.78	60.98	61.50	58.97	59.65	60.46	60.22	23.7	23.7	30	30.1	27	25.6	26.7	31.7	23.1	96	97	69	71	88	93	85.7	------
6	59.70	59.97	60.75	59.06	59.64	60.32	59.91	24.2	22.3	29.9	28.3	26.5	24.8	26	31.6	22.2	95	96	71	79	90	92	87.2	2
7	59.63	60.21	60.81	58.92	59.52	60.56	59.94	24.1	24.2	28.2	29.7	26.4	24.1	26.1	30.8	23.7	96	93	77	79	84	94	87.2	2.5
8	59.97	60.61	61.65	59.84	60.74	61.47	60.71	23.8	23	27.1	29.2	26.6	24.7	25.7	31.97	22.8	96	97	88	76	81	92	88.3	3.6
9	60.72	61.62	61.90	59.75	60.85	62.02	61.14	24.4	23.7	29.5	28	26.5	24.8	26.2	32.7	23.6	95	97	73	81	83	92	86.8	2.6
10	60.90	61.98	62.28	59.58	60.84	61.77	61.22	24.5	23.7	28.5	31.1	26	25.2	26.5	32.3	22.8	93	93	73	68	89	93	84.8	8.9
11	60.73	61.50	62.16	59.63	60.34	61.02	60.90	24.8	23.3	28.8	27	26.3	24.8	25.8	30.8	23.2	95	96	78	85	86	95	89.2	5.1
12	59.75	59.86	60.77	58.71	59.71	60.38	59.86	23.9	24.1	25.8	26.5	25.8	23.8	25	27.7	23.3	96	96	93	92	88	95	93.3	10.7
13	59.03	59.17	59.95	57.51	58.32	58.58	58.77	22.8	22.4	27.2	28	25.7	24.6	25.1	20.3	22.3	97	96	80	70	87	93	87.2	13.8
14	56.63	56.52	57.20	53.65	53.83	51.50	54.89	24	23.8	24.2	24.2	24.2	24.8	24.2	25.2	23.5	96	96	95	97	97	93	95.7	92.9
15	50.33	51.04	53.39	51.62	52.55	53.70	52.10	25	24.8	25.1	26.1	24.7	24.5	25	27.1	24.1	92	91	92	87	96	95	92.2	113.4
16	52	53.11	55.55	54.05	56.03	57.78	54.75	23.8	23.7	24.3	23.8	23.4	23.3	23.7	24.8	23.2	96	96	94	95	94	95	95	48.9
17	56.31	57.21	58.68	57.03	58.40	59.43	57.84	23	22.9	24.5	25.2	22.7	22.6	23.5	25.6	22.2	94	94	86	77	89	89	88.2	2.3
18	58.71	59.08	60.11	58.46	59.81	60.06	59.37	22	21.4	26.7	25.9	23.1	22.8	23.6	27.8	21.3	89	88	71	73	88	88	82.8	1.3
19	58.69	59.38	60.51	58.72	60.09	60.47	59.64	22.7	22.7	24.7	25.5	22.9	22.7	23.5	28.4	22	90	90	82	78	86	87	85.5	1
20	59.31	59.73	60.63	58.38	59.10	59.40	59.42	22.5	22	25.1	26.2	23.7	22.9	23.7	27.6	21.5	88	88	78	73	85	92	84	2.8
21	58.16	58.28	59.03	56.81	57.40	57.53	57.87	22.8	22.8	25.5	26.4	24.6	23.9	24.3	27.6	22.6	94	93	87	82	91	96	90.5	9.9
22	56.54	57	57.63	55.64	56.89	57.11	56.80	23.8	23.8	25.6	27	25.6	24.7	25.1	27.2	23.6	97	97	90	90	95	96	94.2	6.6
23	56.12	57.15	57.38	55.37	56.84	57.71	56.76	23.8	23.1	26.5	28.5	25.2	24.6	25.3	30.1	22.8	96	97	91	81	92	94	91.8	4.1
24	57.07	57.55	58.68	56.96	58.10	59.20	57.93	24	23.8	25	26	24.5	23.8	24.5	26.4	23.7	96	97	96	87	92	95	93.8	8.4
25	58	58.82	59.76	57.76	58.38	58.95	58.61	23.6	23.2	28	27.1	24.2	24.5	25.1	30.5	22.8	95	95	78	83	94	94	89.8	4.3
26	57.83	58.43	58.94	57.46	58.14	59.41	58.37	24	23.8	29.2	25.2	23.9	23.8	25	29.6	23.5	96	96	74	94	95	95	91.7	36.1
27	58.29	58.30	58.66	56.58	57.73	58.61	58.03	23.3	23.3	27.5	29.5	26.4	25.2	25.9	31.4	22.9	97	97	81	70	82	90	86.2	1.3
28	57.83	58.83	58.92	56.36	57.73	58.66	58.06	24.8	24	25.5	29.7	25.8	24.3	25.7	30.2	23.7	92	96	96	75	90	95	90.7	3.6
29	57.12	57.38	58	56.08	56.75	57.99	57.22	23.1	22.4	27.2	24.9	23.5	23.4	24.1	29.4	22.3	96	96	84	94	96	96	93.7	123.8
30	57.07	57.86	58.24	55.99	56.80	57.54	57.25	23.3	22.7	26.6	29.6	26.1	24.1	25.4	29.9	22.5	96	96	78	72	87	95	87.3	.8
31	56.40	56.85	57.39	56.01	56.19	57.42	56.71	23.1	22.1	28.2	30.9	27	24.1	25.9	------	21.9	97	98	81	70	82	94	87	------
Mean	57.62	58.24	59.07	57	57.89	58.67	58.08	23.7	23.2	26.9	27.6	25.3	24.2	25.2	29.1	22.9	94.5	94.7	82.5	80.1	88.7	93.1	89	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	680.3

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Mid-night.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	N	NW	NNW	WNW	NW	SE	30.8	64.7	57.1	56.1	208.7	10	Ci.-S.	N. NNW	10	Ci.-S.	N. NW
2	SE	NE	SSE	SSE	SSE	E	31.7	69.2	66.6	21.4	188.9	10	Ci.-S.	S.-Cu.	9	A.-Cu.	S.-Cu. SE
3	E	E	SSE	SE	E	NE	26.9	59.2	36.2	19.8	142.1	7	Ci.-S.	S.-Cu. S	4	Ci.	Cu.
4	N	N	S	S	Calm	NE	32.2	36	26.2	21.5	115.9	3	Ci.	S.-Cu.	7	Ci.-S.	Cu. E
5	N	NNW	NE	S	NE	N	30.3	42.3	40.5	35.7	148.8	9	Ci.-S.	N. ENE	4	Ci.	Cu. E
6	N	N	NE	Calm	N	NNE	24.9	40	31.9	29.5	126.3	3	Ci.	S.-Cu.	8	Ci.-S.	Cu.-N. E
7	N	N	S	SSE	NE	N	35.9	38.3	37.6	22.5	134.3	6	Ci.-S.	S.-Cu. E	5	Ci.-S.	Cu. E
8	N	N	SE	SE	N	NE	16.3	41	45.9	31.2	134.4	7	Ci.-S. SE	S.-Cu.	7	Ci.-S.	S.-Cu. ENE
9	N	Calm	NE	NE	NE	Calm	24.6	51.5	73.5	30.8	180.4	8	Ci.-S.	S.-Cu. ENE	6	Ci.-S.	S.-Cu. NE
10	N	N	NE	NNE	NE	NNE	27.7	50.4	62.5	35.2	175.8	7	Ci.-S.	S.-Cu. NE	9	Ci.-S.	S.-Cu. NNE
11	NNE	N	NNE	NNE	NNE	N	14.8	42.4	68.1	28.2	153.5	10	Ci.-S.	S.-Cu.	9	Ci.-S.	N. NNE
12	N	N	N	Calm	NNE	N	22	28.2	37.5	16.7	104.4	10	Ci.-S.	N. NE	10	Ci.-S.	N. NNE
13	Calm	N	N	NNE	NNE	N	11.5	49.7	74.5	33	168.7	10	Ci.-S.	S.-Cu. NNE	10	Ci.-S.	S.-Cu.
14	Calm	N	N	NNE	NNW	NNE	34.1	36.4	37.6	111	219.1	10	Ci.-S.	N. NE	10	Ci.-S.	N. NE
15	NNE	NE	NE	NE	NNE	NNE	128.4	112.4	79.7	81	401.5	10	Ci.-S.	Fr.-N. ENE	10	Ci.-S.	N. E
16	NNE	NNE	N	N	N	N	95.8	78.9	100.3	74.3	349.3	10	------	N.	10	Ci.-S.	N. NNE
17	N	N	N	N	N	N	84	91.5	89.8	52.1	317.4	10	Ci.-S.	N. N	10	Ci.-S.	N. N
18	N	NNE	N	N	N	N	40.8	66.5	64.6	24.4	196.3	9	Ci.-S.	S.-Cu. N	9	Ci.-S.	S.-Cu. N
19	N	N	N	N	N	N	18.2	59.3	86.3	41	204.8	10	Ci.-S.	S.-Cu. N	9	Ci.-S.	S.-Cu. N
20	N	N	N	N	N	N	27.9	61.2	61.7	19.9	170.7	9	Ci.-S.	S.-Cu. N	10	Ci.-S.	N. N
21	Calm	NNE	NE	NNW	N	Calm	17.2	46.1	57.3	28.7	149.3	10	Ci.-S.	N. NNE	10	Ci.-S.	S.-Cu. N
22	Calm	NNW	NNW	NNW	N	NE	15.5	42.1	24.7	24.6	106.9	10	Ci.-S.	S.-Cu. NNE	10	Ci.-S.	S.-Cu. N
23	NNE	NNE	NNE	NNE	N	NNE	26.4	43.7	47.5	34.4	152	10	Ci.-S.	S.-Cu. NE	10	Ci.-S.	S.-Cu.
24	Calm	Calm	NNE	NNE	N	Calm	17.4	27.4	42	25.4	112.2	10	Ci.-S.	N. NE	10	Ci.-S.	Fr.-N.NE by N
25	Calm	N	NE	NE	N	NE	21.4	57.3	55	27.6	161.3	8	Ci.-S.	S.-Cu. NE	10	Ci.-S.	N. NE
26	N	N	NE	NNE	N	N	35.2	48.5	28.8	30.4	142.9	10	Ci.-S.	N. ENE	10	Ci.-S.	N. NE
27	N	Calm	NE	NE	N	NNE	27.7	61.5	69.5	37.3	196	9	Ci.-S.	S.-Cu.	6	Ci.-S.	S.-cf. ENE
28	N	Calm	NE	NE	N	Calm	31.7	20.1	54.1	27.1	133	10	Ci.-S.	N.	8	Ci.-S.	S.-Cu. E
29	N	Calm	SSE	N	N	NNE	19.1	32.2	43.3	18.3	112.9	3	Ci.	Cu.	10	Ci.-S.	N.
30	Calm	Calm	SE	W	Calm	N	19.8	19.9	52	11.9	103.6	10	Ci.-S.	Fr.-N. NE	7	Ci.-S. ESE	Cu.
31	Calm	Calm	SW	SW	W	N	15.8	33.2	35.7	17.2	101.9	7	Ci.-S.	S.-Cu. W	4	----------	Cu. W
Mean	------	------	------	------	------	------	32.5	50	54.5	34.5	171.4	8.5	----------	----------	8.4	----------	----------
Total	------	------	------	------	------	------	-----	-----	-----	-----	5,313.3	----	----------	----------	----	----------	----------

CALBAYOG.

[$\phi = 12° 04'$ N; $\lambda = 124° 36'$ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.80 mm.]

FEBRUARY, 1916.

Day.	Atmospheric pressure, 700 mm. +							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.55	56.90	58.06	56	56.61	57.68	56.97	23.7	22.8	27	28.6	24.8	24.8	25.3	28.8	22.7	96	97	90	83	95	94	92.5	17
2	56.85	57.39	58.52	55.54	56.77	57.77	57.14	24.2	24.1	28.3	31.2	27.2	24.9	26.6	------	23.8	95	96	80	69	84	92	86	------
3	56.88	57.58	58.68	56.72	56.98	58.31	57.52	23.5	22.5	29.2	29.7	28	25	26.3	------	22.4	96	97	74	71	81	93	85.3	------
4	57.28	58.13	59.13	57.12	56.93	57.93	57.75	23.8	22.7	28.5	31	27.7	24.6	26.4	32.3	22.6	96	97	78	71	81	93	86	------
5	57.38	57.99	59.29	57.13	57.40	58.56	57.96	24	23.2	28.8	30.7	27.9	24.5	26.5	------	23.1	96	96	78	71	80	94	85.8	------
6	58.04	58.93	59.78	57.10	57.08	57.94	58.14	23.4	22	30	33.3	28.1	24.3	26.8	33.7	21.9	96	97	68	58	79	94	82	------
7	57.25	57.65	58.29	56.43	56.54	57.70	57.31	22.8	21.7	29.7	33.2	26.4	22.3	26	33.5	21.6	95	96	63	55	79	88	79.3	------
8	56.80	57.40	58.44	56.61	57.24	58.87	57.56	20.8	19.7	28	32	26.2	20.7	24.6	32.4	19.6	89	88	77	52	76	91	78.8	------
9	58.63	59.54	60.18	58.27	59.19	60.54	59.39	18.8	17.1	28.4	32.4	24.7	19.8	23.5	32.6	17	95	97	61	55	68	91	77.8	------
10	59.64	60.54	61.24	59.06	59.69	60.96	60.19	18.7	18.1	29	29	25.8	22	23.8	30.8	17.8	95	96	63	65	75	93	81.2	------
11	59.53	60.12	61.05	58.94	60.09	61.16	60.15	21	20.7	29.7	30.7	26	23.7	25.3	31.2	20.5	94	94	67	59	78	92	80.7	------
12	60.10	60.33	61.59	59.65	59.80	61.70	60.53	22.7	22.5	29.2	27.4	25.7	22.9	25.1	30.2	22.3	94	92	68	74	80	92	83.3	.5
13	60.30	60.63	61.52	59.19	60.26	61.85	60.62	22.5	23.5	28.4	30.7	26.6	24.2	26	31.8	22.3	89	82	68	54	72	88	75.5	------
14	60.63	61.31	61.91	59.07	59.87	61.12	60.65	23	21.7	30	31.9	26.4	23.3	26	32.7	21.4	95	96	65	56	78	93	80.5	------
15	59.68	60.18	61.18	58.52	59.19	60.89	59.94	21.3	20.3	30.2	29.6	26.6	24.8	25.5	33.1	20.2	95	94	60	69	74	85	79.5	------
16	59.31	59.94	61.08	58.60	59.89	61.28	60.02	22.4	21.3	30.6	29.1	25.4	23.9	25.4	30.9	21	95	95	68	77	88	91	85.7	.8
17	59.33	59.42	60.51	57.70	58.52	59.89	59.23	22.8	22.4	29.1	30.2	26.3	24.7	25.9	31.2	21.9	95	96	74	64	87	92	84.7	2.1
18	58.37	58.48	59.05	56.22	57.03	57.89	57.84	23.9	23.7	25.9	28	25.6	24.2	25.2	29.1	23.4	95	96	93	83	92	94	92.2	41.1
19	57.28	57.13	58.12	55.72	56.65	57.92	57.14	23.8	23.3	25.3	26.8	24.9	23.8	24.6	27.8	23.2	96	97	95	89	95	95	94.5	10.1
20	56.87	57.50	58.03	56.52	56.94	58.05	57.32	23.3	23.1	24.1	26.8	25.3	24.4	24.5	27.2	22.9	96	97	97	87	89	95	93.5	13.8
21	57.48	57.77	58.66	56.73	57.13	58.27	57.67	23.9	23.4	27.4	25.4	26	24.6	25.1	29.8	23.3	96	97	81	90	87	93	90.7	13.9
22	57.50	58.19	59.08	56.79	57.88	58.95	58.06	24	23	27.7	27.8	26.4	24.2	25.5	28.4	22.9	96	97	82	84	88	95	90.3	------
23	57.84	58.26	59.23	57.36	57.81	59.16	58.28	22.3	21.3	28.5	30	26.1	23.1	25.2	30.3	21.2	96	97	75	69	88	95	86.7	2
24	57.98	58.41	58.83	57.11	57.55	59.03	58.15	22	21	29.9	30.5	26.2	23.2	25.5	33.1	20.9	96	96	65	67	89	95	84.7	1.8
25	58.26	58.91	59.42	57.14	57.50	58.86	58.35	22	20.7	28.3	31.2	25.7	23.6	25.2	31.5	20.6	96	97	74	63	84	95	84.8	------
26	57.70	57.99	59.10	56.94	57.26	58.18	57.86	21.9	21.2	27.4	30	25.7	22.8	24.8	30.4	21.1	96	97	76	59	81	95	84	------
27	56.80	57.85	58.91	56.66	57.37	58.66	57.71	21.2	19.9	29.4	30	25.9	22.8	24.9	31.9	19.8	96	97	59	57	69	86	77.3	1
28	57.16	57.86	58.52	56.15	56.73	58.14	57.43	22.1	22.1	28.6	26.9	25.6	25	25	30.1	21	95	96	77	90	91	94	90.5	9.1
29	56.52	57.14	58.31	56.76	57.06	58.12	57.32	24.8	24.6	29	26.9	25.7	24.2	25.9	31	23.9	95	95	79	93	90	90	90.3	7.6
Mean	58.07	58.60	59.51	57.30	57.90	59.15	58.42	22.6	21.8	28.5	29.7	26.2	23.7	25.4	31	21.6	95	95.3	74.3	70.1	82.7	92.3	85	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	120.8

Day.	Wind.											Clouds.				
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	N	Calm	SSW	S	N	N	17.9	32.2	35.7	24.9	110.7	8		S.-Cu.	7	Ci.-S.	cu.-N. NW
2	N	N	S	SW	N	Calm	30.4	32.2	36.4	24.1	123.1	8	A.-Cu.	S.-Cu. E	1		Cu.
3	N	N	S	S	Calm	N	28.2	30.6	38.6	18.8	116.2	0		S.-Cu.	2		Cu.
4	NNW	N	S	SSW	S	N	26.6	34.8	37.5	25.9	124.8	3		S.-Cu.	1		Cu.
5	N	NNW	S	SSW	N	N	28.4	30.6	33.3	29	121.3	6		S.-Cu. SSW	3	Ci.	Cu.
6	N	N	S	SW	WNW	N	29.6	37	47.2	30.8	144.6	0	Ci.	Cu.	2		Cu.
7	N	N	NNW	W	Calm	N	34.4	39.6	42.4	26.8	143.2	0		Cu.	2		Cu.
8	N	N	SSE	SW	NW	N	37	41.5	44	39.1	161.6	0		Cu.	0		Cu.
9	N	N	N	S	N	N	39.2	39.9	49.4	26.9	155.4	0			3	Ci.	Cu. NW
10	N	N	N	NW	N	N	32.5	37.8	52.3	21.5	144.1	2	Ci.		5	Ci.	Cu. N
11	N	N	NE	NE	N	N	24.3	56.3	63.1	28.8	172.5	6	Ci.	S.-Cu. ENE	8	Ci.-S.	S.-cf. ENE
12	NNE	NNE	NE	ENE	NNE	N	38.3	57.9	47.7	28.7	172.6	10	Ci.-S.	S.-Cu. ENE	9	Ci.-S.	S.-cu. ENE
13	NE	NE	NE	NE	NNE	Calm	32.8	62.5	62.8	18.8	176.9	9	A.-Cu.	S.-Cu. ENE	8	A.-Cu.	S.-cu. ENE
14	Calm	N	NE	NNW	N	Calm	19.6	38.3	66.5	18.7	143.1	8	A.-Cu. E	S.-Cu.	6		Cu. NE
15	N	N	NE	S	N	N	18.7	42.1	43.7	26.6	131.1	0	Ci.		7		Cu. ENE
16	N	N	NE	S	NE	N	29.3	36.7	[a]26.8	31.7	124.5	8	Ci.-S.	Fr.-S.	7	Ci.-S.	S.-Cu. ENE
17	N	N	NE	NE	Calm	N	24.4	22.7?	41.8	15.6	104.5	5	Ci.-S. ESE	S.-Cu.	8	Ci.-S.	S.-Cu. ENE
18	N	N	N	Calm	Calm	Calm	29.5	29	25.7	18.3	102.5	9	Ci.-S.	S.-Cu. ENE	9	Ci.-S.	N. ENE
19	Calm	Calm	Calm	N	N	N	8.9	14.3	22.2	20.3	65.7	10	Ci.-S.	N. E	10	Ci.-S.	N. ENE
20	N	Calm	N	NNE	NNE	Calm	15.9	28.4	49.1	22.8	116.2	10	Ci.-S.	N. E	10	Ci.-S.	Fr.-N. ENE
21	Calm	Calm	ESE	ESE	Calm	Calm	13.7	33.6	38	11.6	96.9	10	Ci.-S.	N. E	9	Ci.-S.	N. E
22	NNE	Calm	SE	S	Calm	Calm	16.1	31.2	40.4	13.9	101.6	8	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N.
23	N	N	S	S	Calm	N	25.2	46.1	45.6	19.9	136.8	5	Ci.-S.	Fr.-S.	5	Ci.	Cu. E
24	N	NNW	ENE	W	N	N	28	45.3	39.4	17.2	129.9	5	Ci.-S.	Fr.-S.	7	Ci.-S.	Cu. NE
25	NNE	N	NNE	N	N	Calm	18.2	40.2	48.3	15.6	122.3	7	Ci.-S.		8	Ci.-S.	Cu. NNE
26	N	N	NW	N	N	Calm	23.9	28	62	10	123.9	10	Ci.-S.	S.-Cu.	9	Ci.-S.	S.-cu. NNE
27	N	N	N	NNE	N	Calm	23.5	46.7	75.6	7	152.8	5	Ci.-S.	S.-Cu. NNE	7	Ci.-S.	Cu. NNE
28	N	Calm	N	NNE	N	Calm	18.3	42.3	62.8	9.9	133.3	10	Ci.-S.	N. NE	9	Ci.-S.	N. NNE
29	N	Calm	NW	NW	NW	NNW	12.3	32	61.4	74.6	180.3	9	Ci.-S.	N. NNE	10	Ci.-S.	N. NNW
Mean	------	------	------	------	------	------	25	37.6	46.2	23.4	132.2	5.7	------	------	6.2	------	------
Total	------	------	------	------	------	------	------	------	------	------	3,832.4	----	------	------	----	------	------

[a] 2 hours missing.

CALBAYOG.

[$\phi = 12°\ 04'$ N; $\lambda = 124°\ 36'$ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.80 mm.]

MARCH, 1916.

Day.	Atmospheric pressure, 700 mm. +							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.38	58.33	60.32	58.64	59	60.61	59.05	23.7	23	23.6	25.4	24.3	23.7	24	26.5	22.8	85	86	93	82	86	88	86.7	4.8
2	58.84	59.18	60.63	58.87	59.21	61.08	59.64	23.1	22.9	26.9	27.7	24.4	23.8	24.8	29.2	22.8	87	88	72	64	78	81	78.3	------
3	59.73	59.93	61.47	59.16	59.51	61.13	60.16	23	22.7	26.5	29	25.6	24	25.1	30.1	22.6	87	89	73	67	83	93	82	1.8
4	60.18	60.57	62.54	60.08	60.13	60.07	60.60	23.7	23.4	22.4	23.5	22.8	22.2	23	24	21.7	93	94	95	90	95	96	93.7	17
5	59.59	60.12	60.97	58.46	58.46	59.71	59.55	21.4	20.8	29.2	28.2	26.8	23.8	25	32	20.7	96	96	71	83	84	95	87.5	1.5
6	58.15	58.55	59.31	57.22	57.76	59.01	58.33	22.9	22.4	28.8	26.8	25	22.9	24.8	31.1	22.3	96	96	76	88	95	96	91.2	5.1
7	57.73	58.09	59.34	57.14	57.14	58.60	58.01	22	21.3	27.5	29.7	27.5	24	25.3	31	21.2	96	97	79	65	77	95	84.8	------
8	58.14	58.79	60.11	57.56	57.74	59.79	58.69	22.6	21.1	28.2	30	28.2	23.7	25.6	30.9	20.9	96	96	72	57	60	86	77.8	------
9	59.18	59.66	60.75	58.17	58.53	59.87	59.36	22.4	21	28.8	31.9	28	24.5	26.1	33.1	20.9	96	97	76	66	77	94	84.3	------
10	58.67	58.83	60.20	57.91	58.31	59.67	58.93	22.5	22.7	29	26.4	25.8	23.6	25	29.9	22.5	96	95	71	84	85	95	87.7	1
11	58.31	58.43	59.71	57.40	58.42	59.93	58.70	22.1	21.7	28.9	28.5	25.4	23.9	25.1	32.8	21.6	96	97	76	79	92	94	89	2.5
12	58.69	59.41	60.36	57.97	58.70	60.44	59.26	23.7	23.7	28.6	32.5	27.4	25	26.8	32.8	23.4	94	95	80	54	75	90	81.3	6.9
13	59.22	59.98	60.94	58.89	59.14	60.99	59.86	24.7	24	30.7	32.1	28.2	24.7	27.4	32.9	23.9	94	97	70	69	73	94	82.8	------
14	59.57	59.56	59.84	57.78	58.45	60.07	59.21	23.4	21.5	29.9	31.7	27	23.6	26.2	32.1	21.4	95	95	60	52	73	93	78	------
15	58.33	58.23	59.20	57.88	58.18	59.73	58.59	23.4	23.4	27.6	23.6	23.4	22.8	24	28.7	22.7	93	93	79	93	93	95	91	24.6
16	58.58	59.18	60.52	58	58.59	60.22	59.18	22.3	22.4	27	28.9	26	24.7	25.2	29.3	22.1	97	96	83	74	85	92	87.8	1.8
17	59.23	59.75	60.59	58.32	59.15	60.90	59.66	23.8	23.5	30.5	31.5	26.8	23.9	26.7	32.4	22.4	93	94	65	57	73	94	79.3	.5
18	60.15	60.01	60.81	58.32	59.08	60.93	59.88	21.7	21.4	30.6	31.6	26.7	22.6	25.8	32.4	20.6	95	95	58	59	71	90	78	------
19	59.53	59.79	60.58	58.23	58.50	59.55	59.36	22.2	22.6	29.7	30	26.7	24.7	26	33.1	21.7	93	95	71	57	78	89	80.5	.8
20	58.51	59.41	60.55	57.99	58.10	59.84	59.07	23.8	23.1	28.8	30	27.9	24	26.3	31.1	22.7	94	96	76	74	81	95	86	------
21	58.83	59.63	60.53	58.63	59.09	60.79	59.58	22.4	21.7	31.8	30.7	27.9	25.2	26.6	33.9	21	96	97	60	67	74	91	80.8	------
22	59.80	60.32	61.08	59.17	59.44	61.14	60.16	24.5	23.7	31	31	27.8	25	27.2	32.3	23.6	93	94	66	71	82	93	83.2	3.3
23	60.19	60.83	61.78	59.67	60.28	62.07	60.80	24.6	23.7	30.6	32.3	26.9	24.8	27.2	33.7	23.1	94	95	65	52	75	88	78.2	------
24	61.37	61.68	62.74	60.45	61.34	62.68	61.71	22.2	21.5	27.4	28.3	25.3	24.5	24.9	30.3	21.4	95	95	79	72	86	91	86.3	1.5
25	61.47	61.90	62.30	59.84	60.71	62.07	61.38	24.1	23.1	28	31	26.2	24	26.1	32.1	22.9	93	96	71	56	71	85	78.7	------
26	60.76	61.38	61.88	59.85	60.15	61.77	60.96	23.4	24.2	30.2	30.9	26.8	24.8	26.7	33.6	22.7	88	84	64	64	76	89	77.5	------
27	60.47	61.21	61.74	59.52	60.19	62.09	60.87	23.7	23.3	30.3	32.5	27.7	24.7	27	34.2	22.3	92	93	64	54	70	89	77	------
28	60.36	60.73	61.24	59.95	59.34	60.84	60.24	24.3	22.4	28.7	32.6	27.7	26.1	27	33	22.2	91	96	75	57	78	87	80.7	------
29	59.15	59.68	60.06	57.84	58.31	59.70	59.12	24.7	23.1	30.9	31.2	26.5	24.7	26.8	34.5	23	92	95	61	66	86	92	82	7.4
30	58.48	59.16	59.53	57.29	57.81	58.91	58.53	23.8	23.6	30.7	32	27.2	23.8	26.8	32.9	23.1	95	96	70	65	72	93	81.8	4.8
31	57.75	58.44	59.04	56.75	57.71	58.80	58.08	22.8	22.9	27	29	26.7	24.2	25.4	32.1	22	97	97	86	79	79	94	88.7	.8
Mean	59.24	59.70	60.67	58.45	58.92	60.42	59.57	23.2	22.6	28.7	29.7	26.5	24.1	25.8	31.5	22.2	93.5	94.4	72.8	68.3	79.5	91.5	83.3	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	86.1

Day.	Wind.										Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	N	NNW	NNW	N	N	N	69.4	44.6	80.2	35.1	229.3	10	Ci.-S.	Fr.-N. N	10	Ci.-S.	N. N
2	N	N	NNE	NNE	NNE	NNE	58.4	82.9	110.5	50.7	302.5	10	Ci.-S.	S.-Cu. NNE	8	Ci.-S.	S.-Cu. NNE
3	NE	Calm	NE	NE	NE	NNE	52.8	65.2	75.4	31.4	224.8	9	Ci.-S.	S.-Cu. ENE	7	Ci.-S.	S.-Cu. NE
4	NNE	Calm	SSE	NNE	N	N	19.6	28	42.6	23.5	113.7	10	Ci.-S.	N. ENE	10	Ci.-S.	N.
5	N	NNW	N	W	N	Calm	17.1	59.8	37.5	10.7	125.1	5	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu. NNE
6	Calm	Calm	NNE	WNW	Calm	NNE	3.5	39.4	28.5	18.2	89.6	3	Ci.	S.-Cu.	10	Ci.-S.	N. NE
7	N	NNW	S	S	Calm	Calm	29	34.4	29.5	10.8	103.7	0	Ci.	S.-Cu.	2	Ci.	Cu.
8	Calm	N	S	S	Calm	Calm	17.7	35.7	46.2	16.3	115.9	1	Ci.	----------	0	----------	Cu.
9	N	NNW	SSE	SW	NNW	Calm	29.3	39.2	53.7	18.2	140.4	2	Ci. SE	----------	2	Ci.	Cu.
10	Calm	Calm	NE	NE	NW	Calm	3.7	34.3	27.9	10.7	76.6	7	A.-Cu. E	S.-Cu.	10	Ci.-S.	S.-Cu. NE
11	Calm	NNW	SE	NNE	Calm	N	17.4	37	43.5	26.9	124.8	4	Ci.	S.-Cu.	8	Ci.-S.	Cu.-N.NE
12	N	NNE	SSE	NE	Calm	NE	19.8	40.2	44.1	17.7	121.8	8	Ci.-S.	S.-Cu. E	6	Ci.-S.	Cu. E
13	Calm	Calm	E	SW	NNE	NNE	4.8	34.8	38.8	46.4	124.8	6	Ci.-S.	S.-Cu. E	6	Ci.	Cu. E
14	N	N	NE	NE	NNE	Calm	39.7	69.8	68.7	12.6	190.8	0	Ci.	Cu.	7	Ci.-S.	Cu. ENE
15	Calm	NNE	NNW	N	NNW	N	20.9	40.5	63.3	25.7	150.4	10	Ci.-S.	S.-Cu.	10	Ci.-S.	N.
16	NNE	Calm	NE	NE	NNE	Calm	19.1	39.2	56.3	21.1	135.7	10	Ci.-S.	N. NE	9	Ci.-S.	S.-Cu. NE
17	Calm	Calm	NE	NE	NNE	N	14.5	35.4	65.2	29.2	144.3	9	Ci.-S.	S.-Cu.	6	Ci.-S.	Cu. ENE
18	N	N	NE	NE	NNE	N	26.2	37.3	50.1	19.9	133.5	4	Ci. SE	Cu.	6	Ci.	Cu. NE
19	N	N	NE	NE	NE	Calm	16.9	58.7	65.5	18	159.1	8	Ci.-S.	S.-Cu. E	7	Ci.-S.	S.-Cu. ENE
20	N	NNE	S	S	Calm	N	22.5	36.5	43.7	22.2	124.9	8	A.-Cu. SE	S.-Cu.	3	----------	Cu. E
21	Calm	N	NE	ENE	N	N	25.7	53.1	50.1	22.5	151.4	0	Ci.	----------	7	A.-Cu.	Cu. E
22	Calm	N	NE	NE	Calm	Calm	19.8	41.2	36.2	24.3	121.5	6	Ci.	S.-Cu. E	7	Ci.-S.	Cu. NE
23	N	Calm	NE	ENE	NNE	N	25.1	72.9	83.5	36.7	218.2	4	Ci.	S.-Cu.	4	----------	Cu. ENE
24	Calm	Calm	N	N	N	N	13.4	55.8	77	36.7	182.9	4	Ci.	Cu.	9	Ci.-S.	S.-Cu. NNE
25	N	N	NE	NE	NE	NNE	56.5	77	92.7	48.9	275.1	9	Ci.-S.	S.-Cu. ENE	6	Ci.-S.	Cu. NE
26	N	NNE	NE	NNE	N	NNE	51.3	76.7	78.6	44.3	250.9	8	Ci.-S.	S.-Cu. ENE	8	A.-Cu. ESE	Cu.
27	Calm	N	NE	NE	NE	NE	16.6	67.8	69.7	23.6	177.7	2	Ci.	S.-Cu.	7	Ci.-S.	Cu. NE
28	Calm	Calm	S	NE	NNE	Calm	16.6	33.6	49.9	17.2	117.3	0	Ci.	----------	7	Ci.-S.	Cu. NE
29	Calm	Calm	N	N	N	NNE	8.5	52.9	43.8	17.4	122.6	0	Ci.	S.-Cu.	7	Ci.-S.	Cu. NE
30	Calm	Calm	NE	NE	N	Calm	5.1	52.6	58.9	24.6	141.2	5	Ci.	S.-Cu.	6	Ci.	Cu. NE
31	N	Calm	S	W	N	N	10.7	30.3	64.7	38.8	144.5	6	Ci.	S.-Cu. NE	8	Ci.-S.	S.-cf. NE
Mean	------	------	------	------	------	------	24.2	48.6	57.3	25.8	156	5.4	----------	----------	6.8	----------	----------
Total	------	------	------	------	------	------	------	------	------	------	4,835	----	----------	----------	----	----------	----------

CALBAYOG.

[$\phi = 12° 04'$ N; $\lambda = 124° 36'$ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.80 mm.]

APRIL, 1916.

Day.	Atmospheric pressure, 700 mm. +							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.75	57.60	58.43	56.45	56.94	58.76	57.66	21.8	21.2	28.4	31.7	27.3	22.5	25.5	32.6	20.7	96	96	73	66	76	95	83.7	------
2	57.43	58.20	59.26	57.18	58.11	59.99	58.36	21.1	20	29.6	33.8	27.9	24.5	26.2	34.3	19.9	95	97	67	60	74	94	81.2	------
3	59.56	59.88	60.39	58.47	58.56	60.32	59.53	23.7	23.3	31.1	30.4	28.2	24.9	26.9	33.7	23	96	97	66	77	72	92	83.3	------
4	59.72	60.82	61.05	58.82	59.42	61.22	60.18	23.6	22.5	31.1	31.2	27.2	23.7	26.6	34	22.3	95	96	62	66	77	94	81.7	------
5	60.38	60.67	61.60	59.52	60.08	62.07	60.72	22.6	21.6	31.5	29.8	27.7	25.4	26.4	35.1	21.4	96	96	60	71	73	88	80.7	------
6	60.58	61.58	62.25	59.92	60.69	62.69	61.28	23.8	22.9	30.5	32.5	27.3	25.1	27	34.1	22.7	94	95	63	55	73	87	77.8	------
7	61.68	62.02	62.40	60.58	61.65	63.41	61.96	24.2	22.8	31.1	32.2	27.6	25.7	27.3	34.3	22.5	93	95	62	54	71	77	75.3	------
8	62.16	62.03	61.94	59.53	59.83	61.71	61.20	24.8	23.7	30.4	31.3	28.5	25	27.3	34.1	23.6	82	89	61	64	71	92	76.5	------
9	60.63	60.83	61.26	59.35	59.96	61.35	60.56	23	22.8	30.2	30.2	28	24.9	26.5	33.1	22.5	95	96	66	64	74	93	81.3	------
10	60.35	60.57	61.45	59.28	59.79	61.35	60.46	23.2	22.4	31	30.1	28.5	25.8	26.8	34.3	22	95	96	64	77	70	87	81.5	0.3
11	59.86	60.11	60.70	58.28	59.39	60.94	59.88	23.8	23.5	32.4	32.7	27	25	27.4	35	23	93	94	56	49	75	85	75.3	.3
12	59.89	60.03	61.10	58.94	59.65	61.65	60.21	24.7	24.3	28.3	29.5	26.2	23.7	26.1	35.3	23.2	92	95	80	77	83	94	86.8	8.1
13	60.33	60.21	61.04	58.73	59.38	61.49	60.20	23.3	23.5	31.5	32	27.6	25.7	27.3	34.9	22.9	97	97	63	60	79	86	80.3	------
14	59.96	60.05	60.62	58.65	58.79	60.40	59.74	24	23.5	32.2	29.6	26.6	25.1	26.8	33.9	23.1	93	94	60	75	87	91	83.3	4.3
15	59.02	59	59.44	57.15	58.28	59.69	58.76	24.3	23.5	31.4	33.6	27.7	25.6	27.7	35	23.3	94	94	59	50	75	89	76.8	.5
16	58.16	58.18	58.63	56.26	56.41	57.52	57.53	24.5	24	30.5	31.6	27	26.2	27.3	33.2	23.8	94	96	72	70	86	89	84.5	18.3
17	53.96	54.15	53.02	51.80	53.19	54.84	53.49	25.7	24.1	25.9	24.6	24.6	24.9	25	26.2	24	89	91	85	89	93	91	89.7	48.2
18	53.87	54.81	55.96	54.65	55.04	56.43	55.13	25.8	25.7	28.5	28.9	26	25.7	26.8	30.9	25.1	92	92	77	83	89	88	86.8	------
19	55.78	56.13	57.30	55.40	56.34	57.53	56.41	25.6	24.8	30.7	30.9	27.1	24.7	27.3	33.2	24.1	88	91	69	72	82	92	82.3	------
20	56.65	56.96	57.42	55.13	55.37	57.33	56.48	23.6	22.6	27.4	32	27.8	24.8	26.4	34	22.4	96	97	84	67	84	94	87	------
21	56.29	56.74	57.66	55.64	55.84	57.32	56.58	23.5	22.7	28.8	30.7	27.9	24.9	26.4	33.1	22.4	96	97	79	70	79	93	85.7	------
22	56.65	57.19	57.72	55.65	56.31	57.48	56.83	23.7	22.8	28.6	30.6	28.5	24.8	26.5	32.6	22.7	96	97	78	71	74	93	84.8	------
23	56.69	56.91	57.61	55.43	55.74	57.49	56.64	23.7	22.9	29.5	30.8	29.5	25.3	27	32	22.6	95	96	72	67	68	92	81.7	------
24	56.75	57.11	57.74	55.35	56.45	57.58	56.83	23.9	22.8	29.8	30.7	28.3	25.2	26.8	33.9	22.7	95	97	73	69	77	92	83.8	------
25	57.22	57.53	58.30	56.28	56.84	58.62	57.46	23.7	22.9	30.7	33.2	28	25.2	27.3	34.4	22.5	96	97	67	64	82	92	83	------
26	57.38	58.52	59.26	57.55	58.74	60.01	58.58	23.8	23.6	29.4	28	27.8	24.6	26.2	30.2	22.8	95	97	75	85	84	94	88.3	21.6
27	57.75	58.28	59.28	58.23	58.47	60.01	58.67	23.7	23.5	30.7	25.5	24.3	23.7	25.2	31.5	23	96	97	71	92	95	95	91	53.9
28	58.49	58.70	59.13	57.20	57.72	59.32	58.43	23.5	22.7	29.5	30.1	28.1	25.5	26.6	31.2	22.4	96	97	77	75	81	93	86.5	------
29	57.85	58.42	59.30	57.42	57.66	58.94	58.26	23.7	23.5	28.6	26	28.4	24.7	25.8	30.8	23.2	95	96	78	82	80	94	87.5	7.4
30	58.05	58.59	59.61	57.46	58.29	59.60	58.60	22.9	22.5	31.1	33	27.7	24.2	26.9	33.9	22	96	97	65	57	75	94	80.7	------
Mean	58.36	58.73	59.36	57.34	57.96	59.57	58.55	23.8	23.1	30	30.6	27.5	24.9	26.6	33.2	22.7	94	95.4	69.5	69.3	78.6	91	83	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	162.9

Day.	Wind.										Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.	
												Amount.	Form and direction.		Amount.	Form and direction.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	Calm	SE	W	N	N	9.9	27.4	47.5	18.2	103	8	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu. NNE
2	N	N	NNE	W	N	Calm	20.7	35.2	69.4	18.3	143.6	5	Ci.-S.	----------	5	Ci.	Cu. NNE
3	Calm	Calm	S	W	N	N	3.5	38.4?	53.7	27.9	123.5	5	Ci. ESE	S.-Cu.	8	Ci.-S.	Cu. NNE
4	Calm	Calm	N	S	N	Calm	6.6	41.3	43.1	10.3	101.3	7	Ci.-S.	Cu.-N. NE	7	Ci.	Cu. NNE
5	N	Calm	NNE	SW	N	Calm	17.5	30.3	61.8	16.4	126	0	Ci.	----------	7	Ci.	Cu. NNE
6	Calm	Calm	NE	NE	N	N	8.5	55.5	98.4	36.4	198.8	5	Ci.-S.	S.-Cu.	6	Ci.	Cu. NE
7	N	Calm	NE	NE	NE	NE	17.1	62	87.5	51.5	218.1	4	Ci.	S.-Cu.	6	Ci.	Cu. NE
8	NE	NE	NE	NE	NNE	Calm	48.3	78.3	61.2	32	219.8	8	Ci.-S.	S.-Cu. NE	7	A.-Cu. E	Cu. NE
9	Calm	N	NE	NE	NNE	Calm	18.5	49.6	55.2	18.7	142	2	----------	S.-Cu.	8	Ci.-S.	S.-Cu. NE
10	N	N	NE	N	N	NNE	19.1	51	63.9	31.9	165.9	4	Ci.	S.-Cu.	8	Ci.-S.	Cu. ENE
11	N	NNE	ENE	ENE	NNE	NNE	24.7	78.6	95.2	34.1	232.6	3	Ci.	S.-Cu. E	4	Ci.	Cu. E
12	NNE	N	NE	ESE	N	N	22.2	58.5	62.2	29.6	172.5	6	----------	S.-Cu. ENE	8	Ci.-S.	Cu.-N. E
13	N	Calm	ENE	ENE	N	NNE	23.9	50.4	66.2	25.4	165.9	3	----------	S.-Cu. E	7	Ci.-S.	Cu. E
14	N	Calm	ENE	W	N	Calm	30.4	49.7	37	16.9	134	4	Ci.	S.-Cu.	5	Ci.	Cu. E
15	Calm	N	NE	E	N	N	23.5	61.8	71.1	22.7	179.1	5	Ci.-S.	S.-Cu.	6	Ci.	Cu. E
16	Calm	Calm	N	N	N	N	4.2	57.6	59.8	32.2	153.8	8	Ci.-S.	S.-Cu. NE	8	Ci.-S.	S.-Cu. NNE
17	NNW	NW	NW	WNW	W	WSW	57.6	107.3	96.3	114.3	375.5	10	Ci.-S.	N. N	10	Ci.-S.	N. NW
18	WSW	WSW	WSW	WSW	W	Calm	125.5	87.5	76.6	12.9	302.5	10	Ci.-S.	S.-Cu. WNW	9	Ci.-S.	S.-Cu. W
19	W	Calm	W	W	Calm	Calm	39.4	47.5	68.3	6.2	156.4	4	----------	S.-Cu. W	6	----------	Cu. W
20	NNW	NNW	S	SW	NW	Calm	21.2	33.8	60.6	5.3	120.9	3	Ci.	Cu.	4	Ci.	Cu.
21	N	NNW	S	WSW	Calm	Calm	24.9	36.5	53.6	11.6	126.6	5	Ci.	S.-Cu. WNW	7	A.-Cu. WNW	Cu.
22	Calm	NNW	S	W	Calm	Calm	21.7	33.3	40.2	17.1	112.3	2	Ci.	Cu.	1	----------	Cu.
23	Calm	Calm	S	SW	N	Calm	18	40.7	35.9	15.3	109.9	0	Ci.	----------	2	----------	Cu.
24	Calm	NNW	S	SW	N	N	25.4	43.3	43.8	20.9	133.4	2	----------	S.-Cu.	2	----------	Cu.
25	N	N	SE	SW	Calm	Calm	21.9	39.9	41.6	18.2	121.6	0	----------	Cu.	2	Ci.	Cu.
26	Calm	Calm	S	N	Calm	Calm	16.4	30	34	9.1	89.5	7	Ci.	S.-Cu. NE	7	Ci.-S.	Cu.-N.
27	Calm	Calm	ENE	SE	Calm	Calm	1.8	34.3	24.7	12.6	73.4	5	Ci.	S.-Cu.	10	Ci.-S.	N. SE
28	N	NNW	S	N	N	Calm	20.6	31.7	37.8	9.9	100	9	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N.
29	Calm	Calm	S	Calm	Calm	N	7	28	21.9	13.2	70.1	7	Ci.-S. SE	S.-Cu.	9	Ci.-S.	Cu.-N.
30	N	Calm	NE	NE	N	Calm	6.4	33.2	61.2	18.8	119.6	7	A.-cu. WbyN	S.-Cu.	6	Ci.	Cu. NE
Mean	------	------	------	------	------	------	23.5	48.4	57.5	23.6	153.1	4.9	----------	----------	6.3	----------	----------
Total	------	------	------	------	------	------	------	------	------	------	4,591.6	----	----------	----------	----	----------	----------

CALBAYOG.

[ϕ=12° 04′ N; λ=124° 36′ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.80 mm.]

MAY, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.20	58.74	59.45	57.22	57.70	58.33	58.27	22.6	22.1	28.4	26.4	26.3	24.4	25	29.6	22	96	96	80	90	88	94	90.7	5
2	56.99	57.23	57.93	55.58	55.12	56.09	56.49	23.2	23.9	27	24.7	25.5	25.3	24.9	27.3	23.1	97	97	86	96	91	91	93	29.2
3	54.47	55.23	55.74	54.15	54.97	57.24	55.30	25.3	25.2	28.4	30.7	25.8	24.9	26.7	31.1	24.8	95	97	85	72	93	94	89.3	11.7
4	55.92	56.99	58.14	56.11	56.99	58.62	57.13	24.7	24.6	27.5	30	25.6	24.9	26.2	30.9	24.4	95	95	85	75	93	95	89.7	3
5	56.81	56.60	57.55	56.63	57.31	58.59	57.25	24.6	24.4	27.3	24.5	25	24.7	25.1	28.1	23.7	96	96	86	96	95	96	94.2	77.1
6	57.38	57.67	58.21	55.74	56.59	58.19	57.30	23.9	24.5	28.3	30.5	27.3	24.7	26.5	30.9	23.7	97	97	85	72	88	94	88.8	1
7	57.04	57.25	58.04	57.54	57.63	58.67	57.70	24	23.6	28	25.4	25.8	24.5	25.2	29.2	23.4	96	97	86	95	93	94	93.5	40.8
8	57.87	58.58	60.10	57.72	58.47	59.90	58.77	23.9	23.8	26.9	29.2	26.7	24.6	25.8	29.8	23.6	97	97	89	79	88	94	90.7	5.5
9	58.80	59.50	60.33	58.44	58.97	60.45	59.42	24.1	24	28.1	29.9	26.8	23.8	26.1	30.3	23.2	96	97	80	72	89	94	88	3.3
10	58.78	59.12	59.90	57.50	58.25	59.54	58.35	22.8	22.6	28.7	29.9	26.8	24.7	25.9	30.8	21.9	97	97	77	69	86	94	86.7	------
11	58.18	59.12	59.45	57.09	56.96	58.99	58.30	23.2	22.5	28.9	30.5	28.6	25.9	26.6	32	22.2	96	97	77	68	75	88	83.5	------
12	58.16	58 98	59.48	57.29	57.86	59.44	58.54	23.9	23.5	29.6	32.6	28.4	24.9	27.2	33.2	22.9	95	96	70	61	75	92	81.5	------
13	57.92	58.53	58.58	56.70	57.72	58.62	58.01	23.9	23.7	29.8	29.6	26.7	24.9	26.4	30.5	23.1	94	96	69	74	88	92	85.5	2
14	57.41	58	58.36	56.04	56.46	58.08	57.38	24.3	24	28.5	28.8	26.7	25	26.2	29.7	23.7	96	97	77	79	85	93	87.8	------
15	56.78	57.55	57.86	56.43	56.56	58.59	57.30	24.6	24.1	29.2	28.5	25.4	24.3	26	30.7	23.9	95	97	78	78	93	94	89.2	------
16	57.98	58.72	60.06	58.06	58.71	60.76	59.05	23.8	23.9	29.7	27.2	26.4	24.5	25.9	31.4	23.3	96	97	71	88	89	94	89.2	.8
17	59.48	59.72	60.41	58.40	58.91	60.67	59.60	22.8	21.8	29.1	30.6	26.4	23.7	25.7	33	21.6	97	98	74	72	86	94	86.8	11.7
18	58.95	59.53	59.74	57.06	57.57	58.92	58.63	22.8	22.6	27.6	29.8	27.5	24.8	25.8	31	22.4	97	98	81	77	82	93	88	2.3
19	58.13	58.26	58.88	57.34	57.71	59.02	58.22	23.2	22.8	29.4	29.7	26.4	24.4	26	30.8	22.6	95	97	74	75	87	93	86.8	------
20	58.37	58.39	59.04	57.67	57.96	59.17	58.43	23.3	22.8	29.9	27	28.3	25.1	26.1	30.7	22.5	96	98	76	88	86	92	89.3	------
21	58.18	58.39	58.79	56.89	57.06	58.11	57.90	23.7	22.7	28.9	31.8	29	25	26.8	32.7	22.2	97	97	76	69	81	93	85.5	------
22	57.32	58.02	58.30	57.35	57.59	58.76	57.89	23.8	23.8	30	26	25.8	24	25.6	33.2	23.2	96	97	74	82	88	96	88.8	4
23	57.55	58.10	58.37	56.71	57.25	58.19	57.70	22.8	22.7	31.7	28	26.5	24.8	26.1	34	22.2	97	97	69	85	88	93	88.2	1.3
24	57.03	57.93	58.31	57.44	57.29	58.34	57.72	24.3	23.6	29.9	26.2	25.6	24.8	25.7	32.1	23.3	96	97	80	92	93	94	92	1
25	57.17	57.54	57.80	56.13	56.85	57.45	57.16	23.9	23.4	31.8	31.3	26.4	25.7	27.1	34.2	23.1	97	97	71	77	93	93	88	10.4
26	55.81	55.74	56.71	55.95	56.51	57.95	56.44	24.8	25.7	30	29	28.3	25.8	27.3	30.7	24.6	95	95	85	82	80	92	88.2	2.3
27	57.12	57.43	58.10	55.44	56.02	57.54	56.94	24.7	24	29	30.7	27.6	25.4	26.9	31.6	23.8	94	96	74	72	85	93	85.7	------
28	56.29	56.79	57.65	56.56	56.33	57.92	56.92	23.8	23.3	29.5	26.8	26.2	24.3	25.6	32.7	23	96	97	77	83	86	94	88.8	------
29	56.90	56.91	57.24	55.81	56.46	57.88	56.87	23.5	22.8	29.5	27	28.4	25	26	31.1	22.5	96	97	77	89	85	92	89.3	2.5
30	57.01	58.03	58.38	56.64	57.14	58.61	57.64	24	23.9	29.5	32	28.6	25.5	27.2	32.5	23.5	96	97	77	67	80	89	84.3	------
31	57.84	58.09	58.54	57.18	57.20	59.30	58.02	23.9	23	29.7	33.5	29.5	24.9	27.4	34.1	22.5	95	97	72	60	72	94	81.7	------
Mean	57.48	57.96	58.56	56.80	57.23	58.64	57.78	23.8	23.5	29	29	26.9	24.8	26.2	31.3	23.1	95.9	96.8	78	78.5	86.5	93.2	88.2	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	214.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Mid-night.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	N	S	Calm	Calm	Calm	15.5	30	30.8	1.4	77.7	5	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N. NNE
2	Calm	Calm	Calm	N	NNW	N	5	23.5	30	34.6	93.1	10	Ci.-S.	S.-Cu. NNE	10	Ci.-S.	N. NNE
3	N	Calm	NNE	ENE	NNE	NE	23.8	45.9	44	36.5	150.2	9	Ci.-S.	N. ENE	9	Ci.-S.	Cu.-N. E
4	NE	Calm	SSE	SW	N	Calm	29.5	21.5	29.5	23	103.5	10	Ci.-S.	S.-Cu. ESE	9	Ci.-S.	Cu.-N. E
5	Calm	Calm	S	Calm	Calm	Calm	20.6	20.7	10.2	5.4	56.9	10	Ci.-S.	S.-Cu. NE	9	Ci.-S.	Fr.-N. NE
6	NW	W	W	W	W	Calm	22.2	35.7	28.4	10	96.3	10	Ci.-S.	N.	5	Ci.	Cu.-N.
7	Calm	Calm	Calm	NNE	N	N	12.9	22.3	26.8	19.6	81.6	0	------	Cu.	10	Ci.-S.	N. NE
8	N	N	S	N	Calm	Calm	18.5	25.9	22.7	24.3	91.4	10	Ci.-S.	S.-Cu. ENE	8	Ci.-S.	Cu.-N.ENE
9	Calm	Calm	S	S	Calm	N	14.5	20.4	31.4	23.3	89.6	8	Ci.-S.	S.-Cu. E	7	Ci.-S.	Cu.-N. E
10	Calm	N	S	S	N	N	16.9	38	32.4	24.1	111.4	0	------	Cu.	5	------	Cu.-N. E
11	N	Calm	S	SSW	Calm	Calm	16.1	31.6	40.4	19.9	108	2	Ci.	Cu.	3	Ci.	Cu.
12	N	Calm	S	SSW	Calm	Calm	15.9	33.2	43.5	13.5	106.1	3	Ci.	S.-Cu.	5	Ci.	Cu.
13	N	Calm	S	W	Calm	Calm	17.9	28.5	28	11	85.4	5	Ci.	S.-Cu.	7	Ci.-S.	Cu.-N. WNW
14	NE	N	S	W	N	Calm	19.1	44.6	31.9	10.8	106.4	6	A.-Cu. WNW	Cu.-N.	8	Ci.-S.	Cu.-N.
15	Calm	Calm	S	NNE	NNW	N	12.7	37.2	43.5	29.8	123.2	8	A.-Cu. WNW	S.-Cu.	8	Ci.-S.	Cu.-N. E
16	N	Calm	SSE	N	N	Calm	14.8	31.7	35.2	14.5	96.2	9	A.-Cu.	S.-Cu. E	9	Ci.-S.	Cu.-N. E
17	N	N	S	W	Calm	N	23.1	37	29.8	16.9	106.8	0	------	Cu.	5	Ci.	Cu. E
18	N	N	NE	NE	Calm	Calm	19	30.8	31.6	13.2	94.6	8	Ci.-S.	S.-Cu. E	9	Ci.-S.	S.-Cu. E
19	N	N	S	SSE	Calm	N	20.4	34.8	30	21.5	106.7	2	Ci.	Cu.	6	Ci.-S.	Cu.-N.
20	N	N	S	N	N	Calm	31.1	45.4	40.8	8.2	125.5	0	------	Cu.	8	Ci.-S.	Cu.-N. E
21	Calm	Calm	S	W	Calm	N	15	37.8	29.8	18.2	100.8	4	Ci. NNE	Cu.	7	Ci. NNE	Cu.
22	N	Calm	S	E	Calm	N	17.2	28.5	33.3	19.8	98.8	9	Ci.-S.	S.-Cu.	10	Ci.-S.	N. E
23	N	N	NE	N	N	N	22.3	41.8	47.3	18.3	129.7	2	Ci.	S.-Cu.	8	Ci.-S.	Cu.-N.ENE
24	N	Calm	S	N	N	N	19.3	31.1	25.9	21.9	98.2	4	Ci.	Cu.	10	Ci.-S.	N. ENE
25	N	N	NE	S	Calm	Calm	18	53.7	37.2	5.3	114.2	0	Ci.	Cu.	6	Ci.	Cu. NE
26	Calm	N	ESE	SE	Calm	NE	14.5	52.8	48.1	14.8	130.2	8	Ci.-S.	S.-Cu. NE	9	Ci.-S.	S.-Cu. SE
27	NE	Calm	SSE	SSW	N	N	19.3	40.4	38.6	21.5	119.8	8	A.-Cu. E	S.-Cu.	5	Ci.	Cu.-N.
28	N	N	SSE	NNE	Calm	N	18.7	30.9	43.1	20.4	113.1	0	Ci.	Cu.	9	Ci.-S.	Cu.-N.
29	N	N	S	N	Calm	N	22.3	38	28.8	20.1	109.2	0	Ci.	Cu.	9	Ci.-S.	N. NE
30	N	Calm	S	SW	N	N	22	43.1	45.7	17.2	128	8	Ci.	S.-Cu. WSW	7	Ci.-S.	Cu.
31	N	N	S	SSW	Calm	N	26	33.3	43.5	21.4	124.2	6	Ci. N	Cu.	5	Ci.	Cu.
Mean	------	------	------	------	------	------	18.8	34.5	34.3	18.1	105.7	5.3	------	------	7.5	------	------
Total	------	------	------	------	------	------	------	------	------	------	3,276.8	----	------	------	------	------	------

CALBAYOG.

[ϕ=12° 04′ N; λ=124° 36′ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.80 mm.]

JUNE, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.98	58.01	58.56	56.88	56.89	58.61	57.81	23	22.5	30.4	32.1	28.8	24.7	26.9	33.5	22.3	95	95	68	64	73	95	81.7	------
2	57.85	57.30	57.63	55.73	55.71	57.66	56.98	22.8	22.2	30.2	32.9	29.6	26.3	27.3	34	21.8	96	96	62	55	72	90	78.5	------
3	57.37	57.35	57.56	55.89	56.41	58.10	57.11	24.7	23.9	30.5	31.5	28.4	26.2	27.5	32.7	23.6	94	96	70	65	80	90	82.5	------
4	57.36	57.28	57.43	56.19	57	58.27	57.26	25	24.4	30.9	32.2	28.5	25.1	27.7	34.1	23.7	95	96	65	57	84	92	81.5	1
5	57.17	57.39	57.61	55.74	55.73	57.56	56.87	24.2	23.2	29.4	33.9	29	25.9	27.6	35	22.9	95	97	71	59	76	91	81.5	------
6	56.89	56.14	57.73	55.36	55.48	56.80	56.40	24.3	22.6	24.5	27.5	26	23.1	24.7	28.3	22.5	96	97	96	73	81	95	89.7	2.8
7	56.23	56.39	57.33	55.19	55.66	56.73	56.26	22.9	22.8	29.8	31.5	26.9	25	26.5	33.5	22.2	96	97	71	62	82	93	83.5	------
8	55.89	55.90	56.41	55	55.45	56.82	55.91	23.9	23.4	30.5	27	27.3	25.3	26.2	32.3	22.9	96	97	70	87	86	93	88.2	1
9	55.99	56.25	56.38	54.82	55.67	56.78	55.98	24.1	24	30.1	30.4	27.8	25.6	27	31.3	23.8	96	97	74	69	84	90	85	6.9
10	55.64	56.30	57.10	55.29	55.45	56.66	56.07	24.6	23.7	29.2	29.9	27.8	25.7	26.8	31.3	23.5	95	97	76	76	83	93	86.7	------
11	55.54	56.27	56.88	54.54	54.80	56.50	55.76	24.2	23.7	27.2	31.3	28.3	25.6	26.7	32.1	23	96	97	90	69	77	93	87	49.8
12	55.43	54.99	55.35	53.40	54.05	55.78	54.83	24.5	26.7	29.9	30.3	28.9	24.6	27.5	31.6	23	95	89	79	74	80	95	85.3	37.2
13	54.34	54.82	54.46	53.92	55.75	56.24	54.92	23.9	24.6	29.2	31.5	25.5	25.8	26.8	33.5	23.7	96	92	81	72	93	92	87.7	5.5
14	55.75	55.38	56.50	55.54	55.64	57	55.97	26.7	26.4	29.5	30.5	28.8	26.8	28.1	32.5	26.2	85	86	75	70	78	90	80.7	------
15	55.44	56.01	56.55	55.28	55.58	56.72	55.93	26.9	26.9	31.9	31.9	29.2	28.1	29.2	33.6	26.7	91	90	68	69	78	82	79.7	------
16	55.70	55.51	56.24	55.04	55.03	56.56	55.68	27.8	27.6	31.6	32.9	29.3	26.6	29.3	34.6	25.4	83	84	68	63	76	87	76.8	.5
17	55.60	56.42	56.76	55.06	55.48	57.13	56.08	25.8	24.8	29.6	29.9	28.5	25.7	27.4	32	24.2	92	94	75	72	83	93	84.8	------
18	56.13	57.17	56.96	55.99	56.59	57.53	56.73	24.8	23.9	29.5	27	26	25.5	26.1	33.8	23.6	95	96	76	90	92	93	90.3	30.9
19	57.04	57.25	57.81	56.86	56.80	58.07	57.30	24.6	24.7	27.5	29.8	27.1	24.9	26.4	30.7	24.2	95	95	82	77	85	92	87.7	------
20	57.43	57.89	58.22	56.66	56.85	57.77	57.47	25.6	25.7	28.8	30.2	27.4	25.9	27.3	30.8	24.5	89	89	79	71	87	93	84.7	1
21	57.01	57.44	57.60	56.34	57.87	58.58	57.31	25.6	25.9	31.6	29.7	28.2	24	27.5	34	22.7	92	91	71	77	80	95	84.3	64
22	57.89	58.14	58.79	57.16	58.06	59.85	58.32	24.8	24	27.9	31.7	27.1	25.6	26.8	32.8	23.4	93	94	78	69	83	93	85	------
23	58.51	58.92	59.45	58.48	58.63	59.78	58.96	24.8	24.1	28.6	29.7	24.5	23.7	25.9	30.3	23.2	95	95	80	73	93	95	88.5	2.3
24	59.20	59.19	59.64	58.17	58.82	60.49	59.25	22.7	22.6	30.7	30.3	25.1	24.8	26	33.8	22.4	97	97	69	78	94	93	88	19
25	59.46	60.25	60.56	58.79	59.45	60.91	59.90	23.7	23.3	29.6	30.6	25.7	24.7	26.3	32.9	22.9	96	96	75	67	90	94	86.3	.8
26	59.56	59.51	60.29	58.34	59.01	60.44	59.52	23.6	22.8	29.9	30.9	27	24.8	26.5	32.1	22.6	96	97	77	69	87	94	86.7	------
27	59.43	59.36	59.70	58.03	58.46	59.51	59.08	23.7	23	28.7	29.6	28.5	25.7	26.5	31	22.8	96	97	81	75	80	93	87	------
28	58.64	59.30	59.59	58.65	58.71	60.21	59.18	24.9	24.4	29.7	27.2	24.4	23.4	25.7	31.3	23	94	92	75	80	93	95	88.2	1.5
29	59.20	59.37	59.90	58.75	58.81	C0.33	59.39	22.8	22.7	29.3	24.5	23.1	23	24.2	30.3	22.5	97	97	77	92	96	96	92.5	61
30	59.38	59.50	59.20	57.63	58.59	59.60	58.98	23	23.1	28.7	30.8	27.5	25	26.4	31.5	22.6	97	97	77	68	84	93	86	.8
Mean	57.17	57.37	57.81	56.29	56.71	58.10	57.24	24.5	24.1	29.5	30.3	27.3	25.2	26.8	32.4	23.4	94.1	94.3	75.2	71.4	83.7	92.4	85.2	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	286

Day.	Wind.										Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Mid-night.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	N	Calm	S	SSW	N	N	28.7	29	38.6	18.8	115.1	5	Ci.	S.-Cu.	7	Ci.	Cu.
2	N	N	SE	WSW	N	Calm	23.3	40.5	39.2	17.9	120.9	0	----------	Cu.	1	----------	Cu.
3	N	Calm	S	SW	NNW	N	19.1	25.9	33	21.7	99.7	6	Ci.-S.	S.-Cu.	6	Ci.	Cu.
4	N	N	S	SW	NW	N	21.4	41.6	52.3	15	130.3	7	Ci.-S.	S.-Cu.	2	Ci.	Cu.
5	Calm	N	SSE	N	N	N	19.8	30.1	45.1	17.4	112.4	7	Ci.-S. SE	Cu.	7	Ci.-S.	Cu. NNE
6	Calm	N	N	NW	Calm	N	20.1	24.4	27.4	23.3	95.2	6	Ci.	S.-Cu.	9	Ci.-S.	S.-Cu.
7	N	N	SSE	ENE	N	N	27.6	37.3	48.1	23.9	136.9	5	Ci. NE	Cu.	5	Ci.	Cu. E
8	N	N	S	NE	Calm	N	28.4	34.1	28.8	16.1	107.4	4	Ci.	Cu.	7	Ci.-S.	Cu.-N. E
9	N	N	S	ESE	NE	NE	23.6	37.6	32	18.5	111.7	8	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.
10	NE	N	S	Calm	Calm	Calm	22.3	29	26.2	14.8	92.3	3	Ci.	S.-Cu.	8	Ci.-S.	Cu.-N.
11	N	N	Calm	W	Calm	N	23.1	22.2	33.2	22.2	100.7	5	Ci.	Cu.	8	Ci.-S.	Cu.
12	N	SSW	SW	SSW	Calm	N	39.2	71.6	48	35.2	194	10	Ci.-S.	Cu.-N. SSW	8	A.-Cu.	S.-Cu. SW
13	N	SW	SE	SW	SW	Calm	24.1	49.9	54.1	51.5	179.6	10	Ci.-S.	N. WSW	8	Ci.-S.	S.-Cu. SW
14	SW	SW	SW	SSW	W	W	33.2	67.1	49.3	47	246.6	10	Ci.-S.	Fr.-N. SW	8	Ci.-S.	S.-Cu. SW
15	W	WSW	SW	SW	SW	SW	31.4	60	61.2	43.5	196.1	6	Ci.	S.-Cu. SW	6	Ci.-S.	Cu.
16	W	SW	SW	SW	SW	Calm	40.7	53.6	34	13.4	141.7	4	Ci.	S.-Cu. SW	7	Ci.-S.	Cu.
17	W	WNW	SW	SW	Calm	N	28	40.4	17.9	11.3	97.6	9	Ci.-S.	N. W	8	Ci.-S.	Cu.-N.
18	N	N	SW	N	N	Calm	23.1	34.6	39.4	7.8	104.9	7	Ci.-S.	S.-Cu. NE	10	Ci.-S.	N. NW
19	NE	NW	SW	SW	Calm	N	21.2	22.8	41.3	17.7	103	9	Ci.-S.	N. SW	7	A.-Cu. S	S.-Cu.
20	W	W	SW	SW	W	N	35.1	36	29.3	14.3	114.7	9	Ci.-S.	S.-Cu. SW	8	Ci.-S.	Cu.
21	NW	SW	SW	SW	NW	W	23.6	56.3	24.7	45.6	150.2	8	Ci.-S.	Cu.-N. SW	9	Ci.-S.	S.-Cu.
22	WNW	Calm	S	SW	Calm	NW	45.1	22	47	10.3	124.4	10	Ci.-S.	S.-Cu. W	7	Ci.-S.	Cu.-N.
23	Calm	NNW	SE	SSW	NNE	N	14.2	30.1	52.3	29.6	126.2	10	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N.
24	N	N	NE	E	N	N	17.1	38	42	21.7	118.8	3	Ci.	Cu.	6	Ci.-S.	Cu.-N.
25	N	N	SW	S	N	N	30.8	37.6	47.8	21.2	137.4	2	Ci.	Cu.	3	Ci.	Cu.
26	N	N	SSE	S	Calm	N	30.8	32.2	30	19.6	112.6	3	Ci.	Cu.	6	Ci.	Cu.-N.
27	N	N	ESE	S	Calm	N	30.6	29.5	32.2	16.6	108.9	7	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.
28	N	Calm	SW	N	N	N	26.8	35.4	36.4	23.1	121.7	6	Ci.-S.	S.-Cu.SSW	9	Ci.-S.	Cu.-N. NE
29	N	N	SSW	N	NNE	Calm	27.9	43.1	28.2	11.5	110.7	5	Ci. NNW	Cu.	10	Ci.-S.	N.
30	NNE	NNE	SSE	SW	N	Calm	19.5	25.9	28.4	15.8	89.6	5	Ci.	S.-Cu. E	8	Ci.-S.	Cu.-N.
Mean	------	------	------	------	------	------	28.3	37.9	38.2	22.2	126.7	6.3	----------	----------	7.1	----------	----------
Total	------	------	------	------	------	------	-----	-----	-----	-----	3,801.3	----	----------	----------	----	----------	----------

CALBAYOG.

[$\phi = 12° 04'$ N; $\lambda = 124° 36'$ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.80 mm.]

JULY, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.03	58.23	58.51	56.96	57.26	58.47	57.91	23.9	23	31.7	27.8	25.4	23.9	26	32.7	22.7	95	97	64	80	90	95	86.8	2
2	57.98	58.13	58.77	57.40	57.79	58.69	58.13	23.1	23	25.9	25.9	25.4	24.1	24.6	29.3	22.8	97	97	93	91	90	94	93.7	4.8
3	57.72	57.66	58.53	56.65	56.86	58.95	57.73	23.7	22.9	26.6	24.9	25.4	24.2	24.6	27.1	22.7	96	97	87	96	93	95	94	9.6
4	57.38	58.43	58.94	58.16	58.52	59.52	58.49	22.9	22.8	29.3	28.6	25.8	24.6	25.7	30.2	22.6	97	97	79	76	92	94	89.2	1.8
5	59.01	59.76	59.27	58.04	58.64	60.22	59.16	23.5	23.1	26.4	28.9	27	24.9	25.6	29.6	22.7	96	97	89	80	86	93	90.2	4.9
6	58.96	59.41	60.19	58.33	59.13	60.50	59.42	24.5	23.7	28.7	30.7	23.9	23	25.8	31.8	22.5	95	97	83	74	92	96	89.5	2.8
7	59.13	59.33	60.10	58.07	58.47	59.89	59.16	22.5	22.3	29.7	30.5	26.8	24.8	26.1	31.3	22	96	96	75	72	86	94	86.5	------
8	58.63	58.84	59.25	57.44	58.01	58.96	58.52	23.5	22.8	29.4	30.4	26.5	24.3	26.2	31.7	22.6	96	97	72	67	86	92	85	------
9	58.18	58.69	59.27	57.74	57.93	59.08	58.48	23.3	23.1	30.4	30.9	25.4	23.6	26.1	31.8	22.9	95	97	72	71	85	95	85.8	------
10	58.35	59.08	59.69	58.22	58.37	59.35	58.84	22.7	22.6	29.3	29	28.8	24.9	26.2	32.1	22.4	96	97	76	78	75	92	85.7	------
11	58.65	58.81	59.43	58.66	58.84	59.77	59.03	23.8	23.5	30.7	27.7	26	24.6	26	31.6	23.3	95	96	70	79	90	93	87.2	------
12	58.68	58.80	59.30	57.98	58.12	59.72	58.77	23.6	23.1	30.2	29.6	26.8	24.8	26.4	31.3	22.8	96	97	71	75	91	95	87.5	9.9
13	58.80	59.08	58.99	58.60	58.33	59.89	58.95	24.1	23.1	29	25.7	25.8	24.8	25.4	29.8	22.9	97	97	77	91	92	94	91.3	7.9
14	58.73	58.33	59.50	58.47	58.43	59.74	58.87	23.9	24.3	29.1	29.9	28.5	24.9	26.8	31	23.7	95	92	77	72	78	93	84.5	1.3
15	59.01	58.63	58.79	57.54	57.40	58.79	58.36	23.9	23.3	29.5	27.9	27.8	25.8	26.3	34.3	23.1	95	97	70	84	83	94	87.2	6.4
16	57.56	57.38	57.92	56.05	56.59	57.83	57.22	24.7	24.2	28.9	30.8	27.8	25.3	27	32.1	24.1	95	96	81	68	86	93	86.5	8.1
17	57.26	56.98	57.57	56.46	56.86	58.08	57.20	24.5	24	28.6	26.5	25.6	24.8	25.7	30.7	23.8	94	96	78	90	94	94	91	8.2
18	57.28	57.50	57.89	56.64	56.96	58.96	57.54	24	23.6	28	28.9	28.1	23.9	26.1	29.6	23.4	96	97	87	75	84	95	89	26.2
19	57.59	57.97	58.01	56.04	56.77	58.15	57.42	23.8	23.5	28.7	31.8	24.9	24.6	26.2	34	23.3	97	97	81	73	94	94	89.3	1.5
20	57.23	57.43	57.76	55.74	57.59	58.11	57.31	23.9	23.5	30.2	31.8	25	24.2	26.4	32.6	23.3	95	96	74	69	92	94	86.7	------
21	57.53	57.60	58.05	56.17	56.55	57.34	57.21	23.8	23.2	29.5	32.4	29.8	26.2	27.5	32.9	23.1	96	97	75	68	75	92	83.8	------
22	56.14	56.78	57.35	56.15	56.46	56.83	56.62	24.8	24.3	29.6	31	28.8	26.4	27.5	32.9	24	93	96	77	71	79	90	84.3	------
23	55.82	56.06	56.54	55.08	55.35	57.13	56	27.8	27.5	31.7	31.8	29.9	25.8	29.1	34.1	25.1	83	84	72	69	76	93	79.5	------
24	55.87	56.06	56.95	55.86	55.80	57.75	56.38	26.5	26.2	31.6	32.4	29.5	25.8	28.7	34.7	24.9	90	90	70	67	72	91	80	------
25	56.98	57.50	57.42	56.51	56.55	58.17	57.19	24.7	24.5	31	34.2	29.5	25.9	28.3	34.9	24	94	95	71	61	79	91	81.8	------
26	57.23	57.11	57.54	55.84	56.19	57.70	56.94	24.9	24.8	32.9	33.1	29.8	28.5	29	34.8	24.6	93	93	67	64	73	75	77.5	------
27	57.11	56.67	57.20	55.91	56.08	57.78	56.79	25.5	25.3	32.5	33.7	29.2	25.9	28.7	34.5	24.7	93	93	66	66	76	93	81.2	------
28	56.68	56.59	57.59	56.09	56.64	57.80	56.90	24.7	24.1	31.1	32.7	28.4	26	27.8	34.5	23.8	95	96	71	70	86	94	85.3	.5
29	56.83	56.64	57.54	56.02	56.33	58.49	56.98	25.1	25.1	30.7	33.5	28.7	26.1	28.2	35	24.4	95	96	75	65	84	93	84.7	1.5
30	57.15	57.08	57.69	55.73	56.24	58.51	57.07	25.6	24.3	30	31.2	26.7	24.7	27.1	34.2	24.1	93	97	77	72	88	94	86.8	.8
31	57.43	57.62	57.64	55.80	56.29	58.43	57.20	24.4	24.3	30.8	28.7	24.8	24	26.2	31.9	23.7	95	96	74	87	93	95	90	7.9
Mean	57.71	57.88	58.36	56.91	57.27	58.66	57.80	24.2	23.8	29.7	30.1	27.2	25	26.7	32.2	23.4	94.6	95.6	75.8	74.9	85.2	92.9	86.5	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	101.1

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	N	N	NNW	NNE	N	Calm	25.1	28.4	39.2	17.1	109.8	0	----------	Cu.	8	Ci.-S.	Cu.-N.
2	N	N	Calm	ESE	N	Calm	27.6	16.1	30.6	20.7	95	10	Ci.-S.	S.-Cu. NE	9	Ci.-S.	Cu.-N. E
3	N	NNW	NNE	NNE	E	NE	26.9	28.7	34.3	25.9	115.8	8	Ci.-S.	S.-Cu.	10	Ci.-S.	Fr.-N.NE
4	NNE	NNE	ESE	S	Calm	Calm	26.8	33.6	30.9	16.9	108.2	7	Ci.	S.-Cu. SE	9	Ci.-S.	Cu.-N.
5	N	N	NNE	Calm	Calm	N	23	24.6	25.5	21.4	94.5	9	Ci.-S.	S.-Cu. SW	8	Ci.-S.	S.-Cu.
6	NNW	N	S	SW	N	N	21.2	34.3	42.9	19.9	118.3	7	A.-Cu. E	Cu.	7	Ci.-S.	cu.-N.NNE
7	N	N	SE	SSW	N	N	34.8	34.6	52.9	21.9	144.2	8	Ci.-S.	S.-Cu.	7	Ci.	cu.-N.ENE
8	NNW	N	S	S	N	N	29	35.6	48.1	22.8	135.5	2	Ci.	Cu.	5	Ci.	Cu.-N.
9	N	N	SE	SE	N	N	30.3	45.1	50.5	32.5	158.4	0	Ci.	Cu.	7	Ci.-S.	cu.-N. ESE
10	N	NNW	SE	N	N	N	29.2	27.2	43.3	14.7	114.4	0	Ci.	Cu.	7	Ci.-S.	Cu.-N.
11	N	N	S	N	Calm	N	25.1	44.3	34.1	20.9	124.4	0	Ci.	Cu.	7	Ci.-S.	Cu.-N. E
12	N	NNW	SSE	Calm	N	Calm	24.1	34.3	27.1	22	107.5	4	Ci.	Cu.	7	Ci.-S.	Cu.-N. E
13	N	N	SSE	N	N	N	29.5	29.8	41.2	28.8	129.3	6	Ci.	Cu.	10	Ci.-S.	N. E
14	Calm	ESE	ESE	SSW	N	N	33.5	40.7	33.2	23.3	130.7	10	Ci.-S.	S.-Cu. SSE	8	A.-Cu. SE	Cu.
15	N	N	S	NNW	E	Calm	26.6	31.6	49.3	15	122.5	6	Ci.	Cu.	9	Ci.-S.	Cu.-N.NE
16	Calm	Calm	E	E	N	Calm	21.1	31.7	34.4	23.8	111	10	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N. E
17	N	Calm	SE	NNW	N	N	15.6	26.4	30.1	29.8	101.9	10	Ci.-S.	Fr.-N.	10	Ci.-S.	N. E
18	Calm	N	SE	SSW	Calm	Calm	19.1	30	19.3	24.6	93	8	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N.
19	N	N	SSE	SW	N	N	23.6	30.6	48.9	21.5	124.6	8	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N.
20	N	N	SE	SW	Calm	Calm	28.8	34.3	41.3	18.7	123.1	3	----------	Cu.	6	Ci.-S.	Cu.-N.
21	N	N	S	SSW	NNW	NNE	26.8	29.6	41.8	20.6	118.8	4	Ci.	S.-Cu.	3	Ci.	Cu.
22	NNE	N	S	SW	SW	NE	26	36	38.3	24.1	124.4	6	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu. W
23	SW	SW	SW	SW	S	NW	37.8	40.4	45.4	28.2	151.8	6	Ci.	Cu. SW	6	Ci.	Cu. WSW
24	SW	W	SW	WSW	S	NNE	36.2	59.2	53.9	24.6	173.9	7	Ci.-S.	Cu.	7	Ci.	Cu. W
25	NW	Calm	S	SW	W	NNE	23.1	57.7	50.7	20.9	152.4	8	Ci.-S.	S.-Cu. SW	8	Ci.	Cu. WSW
26	NW	Calm	SW	SW	W	W	25.1	36.7	50.4	42.9	155.1	7	Ci.-S.	Cu.	3	----------	Cu.
27	NW	N	SW	WSW	W	N	22.8	56.3	40.7	22.7	142.5	7	Ci.-S.	Cu. WSW	5	Ci.	Cu.
28	NNW	N	S	SW	Calm	N	24.7	35.6	42.9	21.2	124.4	7	Ci.	S.-cf. SW	5	Ci.	Cu.
29	NNW	NNW	S	SW	W	NE	22	32.7	40.4	16.9	112	8	A.-Cu.	S.-Cu. SW	7	Ci.-S.	Cu.
30	Calm	N	S	SW	N	N	24.1	32.2	51.5	23.5	131.3	3	Ci.	Cu.	5	Ci.	Cu.
31	NNW	N	S	ESE	N	N	29.3	39.7	42.6	28.2	139.8	1	----------	Cu.	9	Ci.-S.	N. E
Mean	-----	-----	-----	-----	-----	-----	26.4	35.4	40.5	23.1	125.4	5.8	----------	----------	7.3	----------	----------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	3,888.5	----	----------	----------	----	----------	----------

CALBAYOG.

[$\phi = 12° 04'$ N; $\lambda = 124° 36'$ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.80 mm.]

AUGUST, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.88	58.13	58.63	57.37	57.70	59.06	58.13	23.4	23.1	30	31.5	29.9	25.9	27.3	31.8	22.9	96	97	78	72	76	94	85.5	------
2	58.16	58.12	58.87	57.38	57.78	59.03	58.22	25.4	24.5	31.6	33.3	29.2	27.7	28.6	34.1	24.4	95	96	70	64	75	81	80.2	14
3	58.65	59.01	58.88	57.72	58.44	59.94	58.77	25.2	25.7	29.5	31.5	29.5	27.6	28.2	33.2	25	93	94	76	68	77	81	81.5	1
4	59.17	59.36	59.79	58.32	58.54	60.31	59.25	25.5	25.4	30.3	31.6	29.5	27.9	28.4	32.5	25.2	93	94	72	71	73	80	80.5	10.7
5	59.14	59.52	60.06	58.09	57.89	60.11	59.14	25	24.9	27.8	32.4	28.6	27.2	27.6	32.7	24.8	90	90	82	66	78	83	81.5	4.1
6	58.70	58.59	59.14	57.87	58.33	59.69	58.72	27.8	27.1	29.5	30.7	29.5	27.2	28.6	32.1	26.6	80	83	73	67	71	84	76.3	------
7	58.33	58.81	59.47	57.87	57.98	59.91	58.73	27.9	25.1	30.4	33.7	29.8	25.6	28.8	34.1	25	81	90	72	59	71	93	77.7	------
8	58.85	58.96	59.42	57.58	57.39	59.13	58.56	24.8	24.2	31.6	33.2	29.6	27.8	28.5	34.3	24	94	95	70	64	71	80	79	------
9	58.24	57.94	58.08	56.06	56.84	57.89	57.51	28.4	28.5	30.9	32.5	29.8	28.9	29.8	34.3	28	82	83	71	67	75	77	75.8	------
10	56.79	56.20	57.15	55.34	55.50	56.79	56.30	28.4	28.5	29.7	31	29.5	29	29.4	31.6	28.3	78	78	72	69	73	75	74.2	------
11	55.74	55.91	56.04	54.38	55.21	57.04	55.72	28.7	28.5	30.3	32	29.7	28.8	29.7	33.5	28.4	74	74	68	70	74	76	72.7	------
12	55.85	55.74	56.50	55.45	54.96	56.48	55.83	28.7	28.4	29.5	30.6	29.2	29	29.2	31.3	28.3	75	75	76	69	74	75	74	------
13	55.11	55.96	57.06	55.96	56.55	58.59	56.54	28.8	28.4	30.6	31.5	30.1	28.8	29.7	34.6	28.3	76	77	69	62	68	73	70.8	------
14	57.72	58.06	58.78	57.67	57.94	60.54	58.45	26.1	25.2	31.5	30.9	30.8	24.9	28.2	34.1	24.8	91	92	68	65	71	93	80	37.5
15	59.96	59.78	60.73	58.87	59.24	61.24	59.97	26.1	24.1	28.5	30.4	28	25.9	27.2	31.2	24	91	96	78	72	85	93	85.8	.5
16	59.80	59.46	59.50	57.91	57.75	59.46	58.98	24.6	23.5	30	32.1	29.4	26.4	27.7	33.6	23.3	95	96	70	68	76	90	82.5	------
17	58.31	58.49	58.83	57.24	57.80	59.99	58.44	26.5	24.8	30.6	30.8	28.8	26.8	28	31.7	24.7	88	91	73	73	75	84	80.7	------
18	58.55	58.20	59.18	57.68	57.94	59.56	58.52	27.7	27.6	30.4	30.9	29.4	27.8	29	32.6	27.4	80	79	73	69	75	82	76.3	------
19	58.14	58.51	59.53	57.81	58.13	59.10	58.54	27.8	27.4	28.8	29.6	28.9	25.9	28.1	30.9	25.4	83	85	82	75	74	93	82	------
20	58.37	58.58	58.63	56.94	58.38	59.79	58.45	25.3	25	30.5	31.8	28.3	25.7	27.8	33.5	24.6	94	95	74	66	74	90	82.2	1.5
21	58.86	59.61	59.78	58.48	59.16	60.89	59.46	24.7	24.3	30.7	29.5	28.3	24.5	27	31.9	23.9	91	91	70	70	74	93	81.5	1
22	59.88	59.92	60.44	58.26	59.09	60.41	59.67	23.4	22.8	30	31.6	28.9	24.9	26.9	32.2	22.7	95	96	71	61	75	92	81.7	------
23	59.47	59.55	59.54	57.35	57.88	59.44	58.87	23.9	23.2	30.9	30.9	25.7	25	26.6	32.7	23.1	94	95	67	69	88	93	84.3	1.8
24	58.25	58.41	58.88	56.88	57.17	59.86	58.24	23.8	23	29.9	30.9	30	25.8	27.2	32.4	22.8	96	97	72	70	67	93	82.5	------
25	58.21	58.54	59.27	57.17	57.91	60.57	58.61	23.8	23.3	30.9	31.2	29	25.8	27.3	32.9	23.2	94	94	67	73	78	89	82.5	1.8
26	58.90	59.38	60.24	58.96	58.49	60.81	59.46	24.5	24.3	27.8	24	24.5	23.8	24.8	28.7	23.2	94	94	82	95	93	95	92.2	20.6
27	58.48	58.31	59.06	56.85	57.41	59.66	58.30	22.9	22.8	28.9	29 7	27.7	24.7	26.1	31.6	22.4	96	97	83	77	79	94	87.7	1
28	57.96	58.14	58.38	56.22	57.40	58.98	57.85	24.5	23.6	29	27.7	24.2	24.1	25.5	29.5	23.4	95	96	69	82	91	94	87.8	28.2
29	57.80	57.56	58.39	57.54	58.07	59.95	58.22	23.2	23	29	30	28.1	25.7	26.5	31.4	22.6	96	97	76	70	79	93	85.2	------
30	58.51	58.39	59.25	57.99	58.64	60.06	58.81	24.6	23.2	30.1	30.9	27.1	24.8	26.8	33	23	95	96	75	59	76	90	81.8	------
31	59.16	59.32	60.24	58.35	58.62	60.01	59.28	23.5	22.5	30.1	28.9	26.8	25.6	26.2	30.4	22.3	94	95	71	78	90	93	86.8	27.4
Mean	58.29	58.40	58.96	57.34	57.75	59.49	58.37	25.6	25	30	30.9	28.6	26.4	27.8	32.4	24.7	89.3	90.6	73.2	69.7	76.6	87	81.1	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	151.1

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	N	N	S	SSW	WNW	Calm	31.2	32.8	38.3	17.1	119.4	0	----------	Cu.	6	Ci.-S. E	Cu.
2	Calm	N	SSW	SW	SW	W	19.9	41.3	50.2	31.1	142.5	8	Ci.	Cu.	6	Ci.-S. E	Cu.
3	NW	NW	S	SW	SW	SW	26.4	34.6	45.9	27.9	134.8	9	Ci.-S.	N. SSW	8	Ci.-S.	s.-cu. WSW
4	Calm	Calm	SW	SW	SW	SW	17.2	39.6	56.6	49.9	163.3	6	Ci.	S.-Cu. SSW	8	Ci.-S.	Cu. WSW
5	W	WNW	SW	SW	SW	SW	45.7	54.5	74.8	80	255	9	Ci.-S.	S.-Cu. SW	8	Ci.	Cu. SW
6	SW	SW	SW	SSW	SSW	W	88	69.8	56.5	42	256.3	9	A.-Cu.	S.-Cu. WSW	8	A.-Cu. S	Cu.
7	SW	NNW	SW	SW	SW	NNW	49.7	53.1	59.2	28	190	5	Ci.	S.-Cu. SW	5	Ci.	Cu.
8	N	NNW	SW	SW	SW	Calm	23.8	43.8	70.6	34.6	172.8	7	Ci.	S.-Cu. SW	5	Ci.	Cu.
9	SW	SSW	SSW	SSW	SW	SW	83.4	88	91.4	92.5	355.3	7	Ci.-S.	S.-Cu. SW	5	Ci.	Cu. SW
10	SW	SW	SSW	SW	SW	SW	103.2	105.9	85.1	101.2	395.4	9	Ci.-S.	S.-Cu. SW	8	Ci.-S.	S.-Cu. SW
11	SW	SSW	SSW	SW	SW	SW	140.2	109.2	85.1	83.1	417.6	9	Ci.-S.	S.-Cu. SW	7	Ci. NE	Cu. SW
12	SSW	SSW	SSW	SSW	SSW	SSW	89.8	98.4	92.7	64.2	345.1	8	Ci.-S.	S.-Cu. SW	8	Ci.-S.	S.-Cu. SW
13	SSW	SW	SSW	SSW	W	W	67.9	78.6	74.2	63.4	284.1	8	Ci.-S.	S.-Cu. SW	4	Ci.	Cu.
14	NE	Calm	SSE	S	Calm	ESE	20.1	51.3	38.8	26.8	137	5	Ci.	S.-Cu. SW	3	Ci.-Cu. E	Cu.
15	S	NNW	S	S	N	NNE	46.9	21.4	22.8	15.9	107	10	Ci.-S.	Fr.-N.	7	A.-Cu. ESE	Cu.
16	NE	NNE	S	SSW	SW	Calm	21.1	42.1	39.6	40	142.8	4	Ci.	S.-Cu. SW	2	Ci.	Cu.
17	W	N	SW	SW	SW	SSW	31.1	52.9	77.5	63.1	224.6	8	Ci.-S.	S.-Cu. SW	7	Ci.-S.	Cu. WSW
18	SSW	SSW	SSW	SW	SW	W	87.1	71.3	92.3	53.9	304.6	3	Ci.	S.-Cu. SW	4	----------	Cu. WSW
19	SSW	SE	SSE	S	Calm	NW	47.3	48.3	45.6	14.7	155.9	9	Ci.-S.	s.-cu. sbyw	9	Ci.-S.	s.-cu. SSW
20	N	N	SW	SW	ENE	N	17.5	34.8	32.5	15.6	100.4	9	A.-Cu.	S.-Cu. SW	6	Ci.-S. ESE	Cu.
21	NW	Calm	SSE	SSW	E	N	26.4	53.3	32.4	29.6	141.7	6	Ci.-S.	Cu.-N. SSW	7	Ci.-S.	Cu.-N. SE
22	N	N	SE	S	N	N	27.7	37.3	42.1	27.7	134.8	2	Ci.	Cu.	7	Ci. E	Cu.
23	N	N	SSE	SSE	Calm	Calm	28	45.4	51.7	22.3	147.4	3	Ci.	Cu.	7	Ci.-S.	Cu.
24	N	NNE	SE	S	S	Calm	24.9	41.3	51.7	21.1	139	3	Ci.	S.-Cu.	7	Ci. E	Cu.-N.
25	Calm	N	S	S	ESE	N	18	45.9	38.6	18.2	120.7	4	----------	S.-Cu. SSE	4	Ci.	Cu.
26	N	Calm	E	N	Calm	N	23.8	34.3	29.5	17.9	105.5	10	Ci.-S.	S.-Cu. E	10	Ci.-S.	Fr.-N.
27	Calm	N	NE	S	N	N	25.4	42.1	34.1	16.3	117.9	8	Ci.-S.	S.-Cu.	8	Ci.-S.	S.-cf. NE
28	N	N	S	S	NE	N	17.4	27.1	26.4	13.9	84.8	7	A.-Cu. NE	S.-Cu.	9	Ci.-S.	Cu.-N.
29	N	N	S	S	Calm	N	23.1	32.7	27.9	17.5	101.2	9	Ci.-S.	S.-Cu. SSE	7	Ci.	Cu. SSW
30	N	N	SSE	S	N	N	25.9	35.4	38.9	26	126.2	4	Ci.	S.-Cu. S	2	----------	Cu.
31	N	N	S	NE	Calm	N	34.1	32.8	21.7	17.4	106	1	----------	Cu.	9	Ci.-S.	S.-Cu.
Mean	------	------	------	------	------	------	43	51.6	52.4	37.8	184.8	6.3	----------	----------	6.5	----------	----------
Total	------	------	------	------	------	------	------	------	------	------	5,729.1	----	----------	----------	----	----------	----------

CALBAYOG.

[ϕ=12° 04′ N; λ=124° 36′ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.80 mm.]

SEPTEMBER, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.92	59	59.45	58	58.46	59.80	58.94	23.9	23.8	28.8	30.2	25.7	24.7	26.2	30.6	23.6	96	96	76	74	93	93	88	3.3
2	58.15	58.29	57.96	56.05	56.79	57.47	57.45	23.8	23.3	28.4	30.4	27.5	27.6	26.8	32.1	23	95	96	80	74	79	83	84.5	3.8
3	55.96	56.41	56.81	55.39	55.40	56.81	56.13	27.4	27.4	28.5	29.2	28.5	27.4	28.1	31.2	24.6	85	86	81	76	85	84	82.8	------
4	55.69	56.01	56.80	55.08	56.14	57.06	56.13	27.5	27.7	30.3	32.1	29.8	26.6	29	32.9	26	84	82	73	62	73	89	77.2	------
5	56.97	57.40	58.50	57.02	57.68	58.89	57.74	25	24.1	29.8	30.3	28.1	25.7	27.2	31.6	23.9	94	95	78	71	78	91	84.5	------
6	57.98	58.73	59.07	56.82	57.81	59.32	58.29	24.2	23.6	31.8	30.9	26.5	24.9	27	32.4	23.4	93	94	65	67	86	94	83.2	------
7	58.05	58.26	58.41	56.66	57.69	58.60	57.94	23.9	23.1	29.6	27	25.1	24.7	25.6	31.7	23	96	95	71	85	92	94	88.8	2.8
8	57.73	58.58	59.38	57.25	57.93	59.57	58.41	23.5	23.2	28.7	28.6	25.6	24.9	25.8	31.8	22.9	96	97	78	76	90	94	88.5	.8
9	57.78	58.11	58.28	56.86	57.77	58.81	57.94	23.8	23.1	31.9	28.1	26.7	25.6	26.5	34.7	22.8	96	97	61	84	90	93	86.8	1.5
10	57.61	57.73	58.15	56.29	57.85	59.43	57.84	24.7	23.8	29.8	30.2	27.6	25	26.8	30.9	23.6	95	96	77	75	80	93	86	2.8
11	58.52	59.36	60.05	57.36	58.58	60.24	59.02	24.3	24.3	28.6	30	27.8	25.7	26.8	30.4	23.8	94	93	75	70	80	93	84.2	30.5
12	59.68	60.02	61.17	58.05	58.59	59.92	59.57	24.7	23.5	27.6	30.2	26.1	24.8	26.2	30.6	23.4	94	96	83	70	85	93	86.8	2.3
13	58.18	58.11	58.14	56.55	56.84	57.75	57.60	23.9	23.3	30.7	27.9	25.6	24	25.9	31.6	23.1	95	96	65	84	90	96	87.7	17.5
14	56.67	56.52	56.88	55.65	56.36	57.86	56.66	24.1	24.2	29.8	28.1	26.9	24.7	26.3	30.2	23.9	96	96	77	81	86	94	88.3	32.8
15	56.92	57.39	58.21	56.80	57.52	58.62	57.58	24.2	23.6	28.4	29	27.6	25	26.3	30.2	23.4	95	96	85	78	83	95	88.7	1
16	57.99	58.09	58.90	56.36	57.47	58.47	57.88	24.6	23.5	30.1	30.8	27.1	25.2	26.9	31.6	23.3	96	96	76	73	87	94	87	------
17	57.74	57.59	57.55	55.47	56.68	57.72	57.12	24.1	23.6	30.4	32.6	26.9	24.8	27.1	33.4	23.4	95	96	73	67	89	93	85.5	------
18	56.96	56.65	57.20	55.81	56.16	57.78	56.76	24.2	23.2	30.2	28.5	27.8	25.7	26.6	31.4	23	96	97	75	88	82	93	88.5	1.5
19	56.52	56.50	57.27	55.33	56.38	57.87	56.64	24.7	24.4	32.6	32.8	29.9	26	28.4	35.2	23.9	94	96	66	68	75	92	81.8	------
20	56.91	56.90	57.84	55.96	56.38	57.15	56.86	25.6	27	32.8	32.2	28.9	27.2	29	34	25.2	93	90	69	74	80	84	81.7	1
21	55.90	55.89	56.79	54.65	55.58	56.81	55.94	26.7	25.4	30.4	29	26.5	25.8	27.3	31.4	25.3	86	93	80	85	88	88	86.7	22.9
22	54.86	55.32	56.77	54.18	54.27	55.66	55.18	25.7	26	25.5	26.8	26	25.2	25.9	27.2	24.8	88	95	93	89	89	92	91	177.9
23	54.26	55.10	55.84	53.87	54.27	55.21	54.76	25.6	24.5	26.5	28	27.6	27	26.5	28.7	23.8	92	96	86	83	83	84	87.3	38
24	53.98	54.45	55.51	53.80	54.92	55.84	54.75	27.1	27.2	28.9	28.7	26.9	27.8	27.8	29.7	26.6	82	82	71	73	88	83	79.8	1
25	54.91	55.61	56.36	54.35	55.87	56.98	55.68	26.8	27.4	28.4	28.8	25	27.1	27.2	29.3	23.6	78	73	75	72	93	83	79	9.2
26	56	56.17	57.45	55.51	56.49	58.07	56.62	27	26.8	29	28.6	28	26.5	27.6	30.6	25.8	83	80	76	79	81	90	81.5	2.3
27	57.51	57.73	58.86	56.31	56.81	57.78	57.50	25.4	23.9	26.8	30.2	27.6	25.9	26.6	30.7	23.7	94	95	83	70	78	92	85.3	5.8
28	56.56	56.46	57.53	55.76	55.95	57.26	56.59	26.6	25.9	29.8	29.7	26.8	25.5	27.4	31.2	23.8	89	93	75	77	86	94	85.7	12.4
29	56.67	56.60	57.50	56.05	57.04	58.46	57.05	23.9	23.9	29.4	31.2	27.8	24.7	26.8	31.8	23.6	95	96	78	68	82	94	85.5	------
30	57.67	58.11	58.60	56.83	58.17	59.62	58.17	24	23.5	29.6	30.3	27.5	25.3	26.7	31.1	23.3	95	96	78	73	86	94	87	------
Mean	56.98	57.24	57.91	56	56.80	58.03	57.16	25	24.6	29.4	29.7	27.2	25.7	26.9	31.3	23.9	92	92.8	76	75.5	84.6	91	85.3	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	371.1

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Mid-night.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	N	SSE	NNE	Calm	Calm	14.7	24.3	32.7	9.9	81.6	9	Ci.-S.	S.-Cu.	8	Ci.-S.	S.-Cu. NNE
2	NW	Calm	W	SW	W	W	23.1	25.1	41	59.8	149	8	Ci.-S.	Cu.-N. W	8	Ci.-S.	cu. WbyN
3	SW	SW	SW	SW	S	Calm	64.2	67	59	32.4	222.6	10	Ci.-S.	S.-Cu. SW	9	Ci.-S.	S.-Cu. WSW
4	S	S	S	S	S	Calm	51.3	85.6	54.7	37.3	228.9	8	Ci.-S.	S.-Cu. SSW	5	Ci.	Cu.
5	E	Calm	SE	SSE	SE	E	17.9	32	39.6	23.3	112.8	8	Ci.-S.	S.-Cu. S	7	Ci.-S.	Cu.
6	NE	NNE	E	SSE	NNE	N	18	44.5	34.6	18.3	115.4	8	Ci.-S.	S.-Cu.	6	Ci.-S.	Cu. E
7	N	N	S	NNE	Calm	Calm	25.7	33.5	39.6	11.8	110.6	3	Ci.	Cu.	10	Ci.-S.	N. ENE
8	Calm	Calm	S	E	N	Calm	12.4	33.8	42.9	18.5	107.6	7	Ci.-S. NE	S.-Cu.	9	Ci.-S.	cu.-N. ENE
9	N	N	NE	Calm	S	N	21.4	38.6	24.6	19.5	104.1	2	Ci.	Cu.	9	Ci.-S.	Cu.-N.
10	Calm	N	ESE	SE	SE	N	15	40.7	42.9	21.9	120.5	9	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu. SE
11	N	Calm	S	SSE	E	Calm	18.3	21.7	34.8	19	93.8	9	Ci.-S.	Fr.-N. SSE	8	Ci.-S.	S.-Cu.
12	W	Calm	W	W	N	Calm	28.8	23.8	38.1	14.3	105	10	Ci.-S.	Fr.-N.	8	Ci.-S.	S.-Cu.
13	N	N	N	Calm	N	Calm	19.6	32.7	22.3	16.9	91.5	9	Ci.-S.	S.-Cu. NNE	9	Ci.-S.	S.-Cu. NNE
14	Calm	Calm	SE	S	NNE	N	14.3	44.5	54.1	22.8	135.7	10	Ci.-S.	N. SSE	9	Ci.-S.	S.-Cu. SSE
15	N	N	SE	S	Calm	N	22	30.9	30	24.9	107.8	10	Ci.-S.	N. SSE	9	Ci.-S.	cu.-N. SSE
16	N	N	S	S	Calm	N	19.8	35.4	38.8	14.8	108.8	4	Ci.	S.-Cu.	9	Ci.-S.	cu.-N. ENE
17	Calm	Calm	WNW	W	N	N	11.6	24.3	40.7	19.6	96.2	4	Ci.	Cu.	6	Ci.	Cu. N
18	N	N	S	Calm	Calm	Calm	25.9	29.8	35.9	15.5	107.1	2	Ci.	Cu.	8	Ci.-S.	S.-Cu. W
19	NW	Calm	WSW	WSW	SW	Calm	23.9	61.4	54.2	20.3	159.8	6	Ci.	Cu. W	5	Ci.	Cu. W
20	NW	W	W	SW	W	N	28.4	62.6	59.7	17.4	168.1	6	Ci.-S.	S.-Cu. W	7	Ci.-S.	Cu. W
21	NW	Calm	W	WSW	Calm	NW	14.8	55.2	58.4	16.7	145.1	10	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N. W
22	W	SW	SW	SW	W	SW	42.9	53.9	52.5	56.1	205.4	10	Ci.-S.	N.	10	Ci.-S.	N. WSW
23	WSW	WSW	SW	SW	SW	SW	141.6	106	84.7	113.2	445.5	10	Ci.-S.	N. WSW	10	Ci.-S.	S.-Cu. SW
24	SSW	SSW	SSW	SSW	S	S	129	118.6	117.5	154	519.1	10	Ci.-S.	S.-Cu. SSW	9	Ci.-S.	s.-cu. SSW
25	S	S	S	S	W	SSW	162.3	119.4	83.5	110.2	475.4	10	Ci.-S.	S.-Cu. SSW	10	Ci.-S.	s.-cu. SSW
26	SSW	SSW	SSW	SSW	SSW	Calm	130.6	53.7	31.4	10.8	226.5	10	Ci.-S.	S.-Cu. SW	9	Ci.-S.	S.-Cu.
27	SW	Calm	SW	W	Calm	Calm	39.9	37.8	38.1	14.7	130	9	Ci.-S.	s.-cu. WNW	9	Ci.-S.	S.-Cu.
28	Calm	Calm	W	W	Calm	Calm	23	51.2	39.6	12.9	126.7	9	Ci.-S.	S.-Cu. W	8	Ci.-S.	Cu.-N. W
29	Calm	Calm	W	WSW	S	Calm	13.2	23.9	40.4	23.8	101.3	10	Ci.-S.	N. WSW	7	Ci.-S.	Cu. W
30	Calm	N	S	S	Calm	Calm	10.7	34.9	19.8	13.9	79.3	5	Ci.	S.-Cu. S	7	Ci.-S.	Cu.
Mean	------	------	------	------	------	------	39.5	48.2	46.2	32.2	166	7.8	----------	----------	8.2	----------	----------
Total	------	------	------	------	------	------	------	------	------	------	4,981.2	----	----------	----------	----	----------	----------

CALBAYOG.

[ϕ=12° 04′ N; λ=124° 36′ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.80 mm.]

OCTOBER, 1916.

Day.	Atmospheric pressure, 700 mm.							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.96	58.70	58.82	56.68	58.29	59.68	58.52	23.9	23.2	30.5	31.8	25.3	24.6	26.6	32.2	23	95	96	72	70	90	94	86.2	2
2	58.77	58.48	59.41	57.96	58.01	58.64	58.54	23.7	22.9	28.6	25.7	26.4	25	25.4	31.7	22.7	96	97	82	86	89	93	90.5	15
3	57.75	58.28	59.38	58.53	58.75	59.79	58.75	24.1	23.6	28.7	24.8	22.7	22.6	24.4	29.5	22.5	95	97	76	90	94	95	91.2	26
4	58.90	59.11	59.89	57.84	58.65	59.97	59.06	22	21.9	29	29.5	27.7	25.1	25.9	30.7	21.7	96	97	76	72	82	94	86.2	------
5	58.88	59.28	59.83	58.08	58.29	59.85	59.04	24	23.7	30.4	30.8	27.7	25.7	27	31.4	23.4	96	96	73	66	84	93	84.7	------
6	58.24	58.18	59.14	56.93	57.93	58.95	58.23	24.7	23.9	29.5	29.4	25	23.7	26	33.1	23.4	96	97	76	72	88	94	87.2	------
7	57.47	57.53	58.11	56.24	57.80	58.78	57.66	22.8	22	30.1	28.4	24.8	23.8	25.3	32.8	21.9	97	97	70	77	89	96	87.7	23.3
8	57.78	57.34	58.25	56.52	57.36	58.60	57.64	23.6	23.1	28	28.4	24.9	24.5	25.4	31.8	22.9	96	96	80	79	90	92	88.8	4.1
9	57.34	58.50	59.09	57.74	58.52	60.13	58.55	26.1	26	28.8	31	27	24.8	27.3	31.4	24.1	90	91	76	72	86	93	84.7	------
10	59.06	60.01	60.54	57.89	58.92	59.96	59.40	23.7	23	30	31.8	26.5	24.8	26.6	33	22.8	97	97	74	69	86	94	86.2	4.1
11	58.65	58.78	59.23	56.82	57.57	58.90	58.32	23.8	23.4	29.6	27.2	27.8	25.4	26.2	30	23.2	96	97	78	86	88	93	89.7	13.7
12	57.62	58.20	58.45	56.64	57.15	58.22	57.71	24.1	23.5	31	27.2	27.1	25.1	26.3	32.8	23.4	95	96	71	89	88	93	88.7	22.9
13	57.53	58.07	58.41	57.05	58.37	58.65	58.01	24.1	23.6	27.9	28.9	25.7	24.2	25.7	29.8	23.4	95	97	87	77	87	93	89.3	2.8
14	58.03	58.29	58.74	57.10	57.45	58.63	58.04	23.6	22.7	30.6	26.8	25.6	24.7	25.7	31	22.6	95	96	69	83	90	92	87.5	19.6
15	57.02	57.58	57.62	55.71	56.51	57.68	57.02	23.6	23	30	26.8	25.7	24.8	25.6	33	22.8	95	96	72	86	93	95	89.5	44.3
16	56.67	57.33	57.70	55.66	57.07	58.04	57.08	24.8	24.4	28.3	28.4	25.9	25.1	26.2	30	23.7	96	97	84	83	91	94	90.8	7.6
17	57	57.94	58.61	56.33	57.43	58.91	57.70	24.1	23.2	28	29.6	25.6	24.7	25.9	30.3	23	95	97	81	72	89	94	88	.8
18	57.77	58.33	58.78	56.44	57.47	58.87	57.94	24.6	23.6	28.9	28.7	26	25	26.1	30.5	23.4	95	96	77	83	92	93	89.3	25.9
19	57.33	57.85	57.79	55.55	56.75	58.19	57.24	23.9	23.7	30.5	29.6	25.8	24.8	26.4	31.1	23.6	96	97	72	79	88	94	87.7	8.7
20	56.73	57.49	58.30	55.98	57.48	59.01	57.50	23.7	23.4	30.3	31.5	26.5	24.7	26.7	32.2	23.2	96	97	74	65	83	94	84.8	2.3
21	58.04	58.03	59.31	56.56	57.98	58.56	58.08	24.4	23.6	27.2	29.9	25.9	24.9	26	30.6	23.5	95	97	87	75	88	94	89.3	7.2
22	58.10	58.06	59.05	56.36	57.70	58.93	58.03	23.7	23.3	27.8	30.5	26.4	24.7	26.1	31.2	22.9	95	97	84	72	87	94	88.2	------
23	57.77	58.11	58.21	56.85	57.02	58.93	57.82	24.1	23.5	28.3	26.4	24.7	24	25.2	29.2	22.9	95	96	80	93	94	94	92	20.3
24	57.45	57.85	58.87	56.91	58.37	60.17	58.27	23.9	23.8	27.5	26.4	25.7	23.8	25.2	30	23.1	95	97	86	91	89	95	92.2	7.9
25	59.32	59.97	60.38	58.18	59.05	60.71	59.60	22.8	22.2	29	26.8	25.3	23.8	25	30.5	22.1	97	97	76	90	93	94	91.2	21.6
26	59.83	60.77	60.77	58.81	59.09	60.67	59.99	23.3	23.5	25.6	28.4	26.4	24.8	25.3	29.4	23	96	96	82	77	89	93	88.8	.3
27	59	59.21	59.50	57.24	57.68	58.91	58.59	23.9	23.7	28.5	28.3	26.4	24.8	25.9	30.2	23.5	96	97	81	84	87	93	89.7	17
28	57.70	57.99	58.61	56.17	57.53	58.53	57.76	24	23.9	28.1	27.3	25.8	24.6	25.6	31.1	23.5	95	95	87	84	91	94	91	12
29	58	58.19	58.73	57.47	58.21	59.05	58.28	23.6	22.8	30.4	26.5	26.4	24.7	25.7	32.4	22.7	96	97	72	80	87	94	87.7	10.4
30	58.10	58.40	58.46	57.17	57.58	58.48	58.03	24.1	23.2	30.6	26	25.4	24.2	25.6	32.2	23.1	95	96	72	87	92	94	89.3	18
31	57.25	57.51	57.62	55.27	56.40	57.43	56.91	23.1	23	28.9	30.2	26.4	24.6	26	30.5	22.9	96	97	80	73	88	92	87.7	------
Mean	58	58.37	58.89	56.93	57.82	59.03	58.17	23.9	23.4	29.1	28.5	26	24.6	25.9	31.1	23	95.5	96.4	77.6	79.4	88.8	93.7	88.6	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	337.8

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	N	N	S	S	N	N	20.3	48.6	39.9	23.6	132.4	2	Ci.	Cu.	5	Ci.	Cu.-N. E
2	N	N	S	E	Calm	Calm	28.7	27.9	21.2	11.1	88.9	4	Ci.	S.-Cu.	9	Ci.-S.	N. NNE
3	N	N	E	S	N	N	18.3	27.7	45.9	12.4	104.3	8	Ci.-S.	Cu.-N.	10	Ci.-S.	N. S
4	N	N	SE	S	Calm	N	28.7	32.8	20.7	14.5	96.7	6	Ci.-Cu.	S.-Cu. S	8	Ci.-S.	Cu.
5	N	N	S	S	Calm	Calm	21.4	32.7	25.9	12.7	92.7	7	Ci.-S. NNE	S.-Cu.	8	Ci.-S.	Cu.
6	Calm	N	S	NW	N	Calm	19.1	28.2	46.1	15.6	109	7	Ci. N	Cu.	8	Ci.-S.	Cu.-N.
7	Calm	Calm	N	N	N	Calm	14.5	28	29.3	17.1	88.9	7	Ci.-S.	S.-Cu.	9	Ci.-S.	N. NNW
8	Calm	Calm	WNW	N	Calm	Calm	11.5	22.3	37.8	11.6	83.2	10	Ci.-S.	Fr.-N.	9	Ci.-S.	N. NW
9	W	WSW	WSW	WSW	Calm	N	57.7	39.6	28.2	18.8	144.3	10	Ci.-S.	N. W	8	Ci.-S.	Cu. W
10	N	N	S	E	N	N	30.8	36	30.3	18	115.1	5	Ci. NNW	S.-Cu.	4	Ci.	Cu.
11	N	N	S	NE	Calm	N	20.4	30.6	17.5	14.3	82.8	4	Ci.	Cu.	8	Ci.-S.	cu.-N.NNE
12	Calm	Calm	ENE	NW	Calm	Calm	16.3	37.8	24.3	8.2	86.6	4	Ci.	Cu.	7	Ci.-S.	cu.-N. NE
13	Calm	Calm	E	SE	NNW	Calm	10	24.4	39.9	19.6	93.9	9	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.-N.
14	N	Calm	E	Calm	N	N	12.7	33.2	27.4	19.6	92.9	9	Ci.-S.	S.-Cu.	10	Ci.-S.	N. NE
15	N	N	NNE	Calm	Calm	N	23.5	32.8	16.6	14.7	87.6	5	Ci.	S.-Cu.	9	Ci.-S.	Fr.-N.
16	Calm	E	ESE	SSE	N	Calm	10.3	34.8	43.1	12.4	100.6	10	Ci.-S.	N. E	9	Ci.-S.	S.-Cu. SE
17	Calm	N	SE	SE	N	Calm	14	30.4	36.4	14.8	95.6	7	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.
18	Calm	N	E	S	Calm	N	17.5	36.4	29.5	22.2	105.6	8	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu. ESE
19	Calm	N	SE	S	N	N	17.4	32.5	25.2	19.6	94.7	5	Ci.	S.-Cu. E	9	Ci.-S.	Cu.-N.NE
20	Calm	Calm	SE	ENE	Calm	N	17.5	29.5	45.4	21.9	114.3	2	----------	S.-Cu.	5	Ci.	Cu. NEbyE
21	N	N	SE	SE	Calm	Calm	22.5	29	36.2	15	102.7	4	Ci.	S.-Cu.	8	Ci.-S.	S.-Cu.ENE
22	N	N	NE	NE	N	Calm	25.2	33.5	45.6	9.7	114	8	Ci.-S.	S.-Cu.	9	Ci.-S.	S.-Cu.ENE
23	Calm	N	SSE	Calm	N	N	13.2	27.9	26.9	23	91	6	Ci.	S.-Cu. E	10	Ci.-S.	N. ESE
24	Calm	Calm	NNE	SE	NE	Calm	9.7	21.4	58.5	12.9	102.5	10	Ci.-S.	Fr.-N. E	10	Ci.-S.	N. ENE
25	N	N	SSE	Calm	Calm	Calm	21.9	35.2	22.5	10.2	89.8	0	----------	Cu.	9	Ci.-S.	Cu.-N.
26	Calm	Calm	NE	NNE	N	N	22.8	40.4	36.4	21.9	121.5	10	Ci.-S.	Fr.-N.	9	Ci.-S.	S.-Cu. NE
27	N	N	S	NE	N	N	22.8	37	40.4	16.9	117.1	7	A.-Cu. E	S.-Cu.	8	Ci.-S.	cu.-N.ENE
28	N	N	ESE	SE	N	N	21.5	37.2	34.8	21.9	115.4	4	Ci.	S.-Cu. ENE	7	Ci.-S.	Cu.-N. E
29	N	Calm	N	N	Calm	Calm	21.4	43.3	47	4.2	115.9	0	----------	Cu.	6	Ci.-S.	Cu.-N.NE
30	Calm	Calm	N	Calm	NNW	N	8	36.7	26	15.8	86.5	6	Ci. SSE	Cu.	10	Ci.-S.	N. NNE
31	Calm	Calm	S	SSW	N	Calm	20.3	36.2	41	19.8	117.3	8	Ci.	Cu.	6	Ci.	cu.-N.ENE
Mean	------	------	------	------	------	------	20	33	33.7	15.9	102.7	6	----------	----------	8.1	----------	----------
Total	------	------	------	------	------	------	------	------	------	------	3,183.8	----	----------	----------	----	----------	----------

CALBAYOG.

[ϕ=12° 04′ N; λ=124° 36′ E; barometer above sea, 5.5 meters; gravity correction not applied, −1.80 mm.]

NOVEMBER, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	mm.
1	56	56.25	56.61	55.43	55.75	56.98	56.17	23.7	23.4	29	25.3	24.8	24	25	30	23.3	95	95	78	92	95	95	91.7	17.8
2	56.58	57	57.46	55.52	56.85	58.55	56.99	23.2	23	25.3	28.8	26.1	23.8	25	29.3	22.8	96	97	93	76	87	95	90.7	1.3
3	57.33	58.26	58.04	56.09	56.86	58.31	57.48	22.7	22.5	29.3	30.2	26.2	24.8	26	31.4	22.4	96	96	77	75	90	95	88.2	10.4
4	57.25	58.14	57.95	55.19	56.41	57.44	57.06	23.9	23.7	29.3	31.6	27.3	23.8	26.6	32.3	23	96	97	72	58	79	95	82.8	------
5	56.03	56.66	57.70	54.85	55.88	57.33	56.41	22.9	22.4	29.9	32	25.8	23.4	26.1	32.5	22.3	96	96	68	60	84	95	83.2	------
6	56	56.55	57.62	55.13	56.04	57.40	56.46	22.9	23.5	28.6	30.7	27.1	25.3	26.4	32.7	22.6	96	94	75	69	83	93	85	1.3
7	56.16	56.90	57.74	55.52	56.54	57.70	56.76	24.7	23	30.6	32	27.1	23.7	26.8	33.2	23	96	97	68	63	83	95	83.7	------
8	56.73	57.34	58.81	57.11	57.06	58.91	57.66	22.5	21.8	30	29.8	27.4	25.4	26.2	30.5	21.7	96	96	79	69	84	94	86.3	------
9	58.11	58.22	58.90	57.03	57.99	59.24	58.25	24.6	23.7	29.5	30.3	26.9	25	26.7	34.4	23.6	95	96	77	66	89	94	86.2	------
10	58.06	58.90	58.94	56.35	57.42	58.70	58.06	23.9	23	30	32.7	26.9	24.7	26.9	33.3	22.9	97	97	71	60	83	94	83.7	3.5
11	57.49	57.88	58.75	56.41	57.88	59.12	57.92	24.5	23.5	28	31.4	25.4	24.5	26.2	31.7	23.5	95	94	80	57	88	89	83.8	1.5
12	58.10	58.69	59.50	57.19	57.71	58.95	58.36	23.9	23.8	31	31.8	26.7	24.7	27	33.9	23.5	92	92	62	64	77	90	79.5	14.2
13	58.59	59.51	60.21	57.71	58.53	59.41	58.99	23.6	23.5	25.9	29.5	25.9	23.9	25.4	30.7	23.3	94	93	93	75	89	92	89.3	6.6
14	58.47	58.85	58.49	56.04	57.41	57.71	57.83	23.1	23	30	31.2	26.6	24.7	26.4	32.3	22.4	96	97	75	64	86	94	85.3	------
15	56.55	56.45	56.84	54.98	55.75	56.47	56.17	23.8	22.8	29.8	31.4	27.7	26.6	27	32.3	22.7	95	97	73	67	86	91	84.8	24.1
16	55.94	56.31	56.96	54.69	55.98	56.88	56.13	24.7	24.8	26.5	27.8	26.2	24.1	25.7	29.2	23.5	94	93	90	82	89	94	90.3	2
17	56.40	56.69	57.56	55.41	57.01	58.13	56.87	25	24	29.1	29.9	27.3	25.2	26.8	31.2	23.4	93	96	75	69	84	92	84.8	------
18	57.24	58.51	59.82	57.30	58.27	59.04	58.36	24.8	25.2	25.3	28.3	26.8	24.7	25.8	28.7	24.1	95	93	94	78	90	94	90.7	19.3
19	58.15	58.68	59.41	56.88	58.08	59.31	58.42	23.7	23.6	27.6	29.7	26.2	24.8	25.9	30.4	23.4	96	97	86	75	89	93	89.3	------
20	57.77	58.63	58.83	56.21	57.96	58.82	58.04	23.8	23	29.6	30	26.9	24.8	26.4	30.8	22.8	96	97	75	75	83	94	86.7	------
21	57.68	58.58	59.28	57.06	58.29	59.25	58.36	23.8	23.1	29.2	29.4	25.4	24.8	26	30.2	22.9	96	97	78	78	90	93	88.7	4.9
22	57.88	58.33	59.23	57.23	57.92	59.63	58.37	24.3	24	25.2	25.7	24.8	23.7	24.6	26.5	23.2	94	96	95	88	90	96	93.2	10.7
23	58.26	59.01	59.36	56.95	58.01	59.07	58.44	22.6	21.8	28.2	31.8	25	23.9	25.6	32.4	21.6	97	97	76	62	90	95	86.2	------
24	57.85	58.26	58.43	56.66	57.14	57.88	57.70	23.6	22.4	29.8	25.7	24.4	23.8	25	32.2	22.3	97	97	78	86	91	95	90.7	6.4
25	56.78	56.75	57.49	55.20	55.82	56.58	56.44	22.7	21.7	30	32.3	26.7	24.1	26.2	32.7	21.5	97	97	69	55	83	94	82.5	------
26	54.74	55	55.25	53.61	54.78	55.28	54.78	22.8	22	28.8	26.1	25.6	24.6	25	31.8	21.7	96	96	71	83	90	95	88.5	4.1
27	54	54.51	54.92	52.84	54.04	54.99	54.22	23.5	23.1	28.4	28.5	24.7	24.1	25.4	31	22.7	96	97	80	80	93	96	90.3	29.1
28	53.98	54.97	55.59	53.35	54.24	54.64	54.46	24	23.7	24.6	25.5	24.9	24.6	24.6	26.4	23.6	96	97	97	93	94	95	95.3	22.6
29	53.90	54.72	55.48	53.68	55.69	57.09	55.09	24.4	24.2	24.7	26	24.7	23.9	24.6	26.5	23.1	96	96	96	90	89	88	92.5	9.6
30	56.01	56.86	57.21	56.04	57.07	57.19	56.73	23	23.5	28.9	28.7	23.6	22.6	25	29.9	22.3	88	87	68	63	85	90	80.2	2
Mean	56.80	57.38	57.95	55.79	56.81	57.87	57.10	23.7	23.2	28.4	29.5	26	24.4	25.9	31	22.8	95.3	95.6	79	72.4	87.1	93.5	87.1	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	191.4

Day.	Wind.										Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	Km.	Km.	Km.	Km.	0–10			0–10		
1	Calm	Calm	SSE	NNW	N	Calm	8.9	39.4	23.6	7	78.9	3	Ci.	Cu.	10	Ci.-S.	Fr.-N.
2	Calm	N	NW	NE	Calm	N	11.9	35.2	31.4	16.4	94.9	7	Ci.-S.	S.-Cu. E	9	Ci.-S.	Cu.
3	N	Calm	NNW	N	Calm	Calm	20.9	37.8	40.4	6.1	105.2	10	Ci.-S.	Fr.-N.	8	Ci.-S.	S.-Cu. NNE
4	Calm	Calm	N	N	Calm	Calm	11.8	53.4	57.4	11.8	134.4	9	Ci.-S.	S.-Cu. NNE	4	Ci.	Cu. N
5	N	Calm	NW	NNW	Calm	N	21.2	36.2	46.9	12.9	117.2	5	Ci.	S.-Cu. N	4	Ci.	Cu. NNW
6	Calm	Calm	S	W	Calm	Calm	10.2	23.9	50.1	6.7	90.9	6	Ci.	S.-Cu.	7	Ci.	Cu. NNW
7	Calm	N	NNE	WNW	Calm	N	12.6	24.6	44.6	16.6	98.4	6	Ci.	Cu.	6	Ci.	Cu. NNW
8	N	N	S	S	Calm	Calm	33.6	32.7	24.4	16.3	107	5	Ci.	S.-Cu.	5	Ci.	Cu. WSW
9	N	N	S	S	N	Calm	20.1	30	22	8.7	80.8	5	Ci.	Cu.	8	Ci.-S.	Cu.-N.
10	N	N	NNW	NNW	N	Calm	22.3	27.1	56.6	15.3	121.3	0	Ci.	Cu.	5	----------	Cu. N
11	Calm	N	N	N	Calm	N	14.3	42.3	80.2	17.7	154.5	9	Ci.-S.	S.-Cu. NNE	4	Ci.	Cu. NNE
12	N	NNE	NE	NE	N	NNE	24.6	71.9	89.8	43.7	230	7	Ci.-S. SE	S.-Cu.	5	Ci.	Cu. ENE
13	N	N	N	N	Calm	N	28.8	38.9	42.8	13.7	124.2	10	Ci.-S.	N. NNE	9	Ci.-S.	Cu.-N. NNE
14	Calm	Calm	NNE	NNE	NW	Calm	9.2	56	57.7	3.5	126.4	8	Ci.-S.	S.-Cu. NE	8	Ci.-S.	S.-cf. NNE
15	Calm	N	W	WSW	Calm	S	13.5	34.4	34.1	27.2	109.2	4	Ci.	Cu.	7	Ci.-S.	Cu.
16	Calm	S	Calm	SSW	Calm	Calm	12.4	16.6	17.5	14.5	61	10	Ci.-S.	N. S	8	Ci.-S.	S.-Cu.
17	Calm	Calm	SW	SSW	Calm	N	24.6	37.8	28	18.2	108.6	6	Ci.	S.-Cu.	5	Ci.	Cu. SW
18	Calm	W	W	SW	Calm	Calm	27.4	32.8	17.9	11.5	89.6	9	Ci.-S.	S.-Cu. SW	9	Ci.-S.	S.-Cu.
19	Calm	N	S	S	NNW	Calm	17.9	21.9	25.1	18.7	83.6	7	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N.
20	N	N	S	S	N	N	23.9	36.7	39.9	27.9	128.4	4	Ci.	Cu.	6	Ci.-S.	Cu.
21	N	N	SSE	N	N	Calm	22.3	29.2	31.1	19.6	102.2	5	Ci.	Cu.	9	Ci.-S.	S.-Cu.
22	Calm	Calm	Calm	W	Calm	N	5.1	10.5	19.3	16.1	51	8	Ci.-S.	S.-Cu.	9	Ci.-S.	S.-Cu. W
23	N	N	S	SW	N	N	28.8	32	36.3	23.5	120.6	2	Ci.	S.-Cu.	7	Ci.-S. N	Cu.
24	Calm	N	N	E	N	N	16.7	36	26.8	21.7	101.2	2	Ci.	Cu.	9	Ci.-S.	N. E
25	Calm	N	NNE	N	Calm	Calm	13.9	39.6	52	8.9	114.4	0	Ci.	Cu.	4	Ci.	Cu. N
26	N	Calm	NNW	N	Calm	Calm	21.7	32.2	29.6	11	94.5	7	A.-Cu. E	S.-Cu.	9	Ci.-S.	S.-Cu. N
27	N	Calm	WNW	WNW	Calm	Calm	12.9	42.1	46.4	9.4	110.8	8	Ci.	S.-Cu. NNW	10	Ci.-S.	N. NW
28	Calm	Calm	Calm	WNW	NW	Calm	5.4	11.5	30.6	12.9	60.4	10	Ci.-S.	N.	10	Ci.-S.	N. NW
29	Calm	Calm	NNW	NNW	NNW	N	4.3	28.5	54.1	36.5	123.4	10	Ci.-S.	N. NNW	10	Ci.-S.	S.-Cu. NNW
30	N	N	NNW	NNW	NNW	Calm	52	80.7	54.1	10.2	197	10	Ci.-S.	Fr.-N. NNW	9	Ci.-S.	S.-Cu. NNW
Mean	------	------	------	------	------	------	18.4	35.7	40.4	16.1	110.7	6.4	----------	----------	7.4	----------	----------
Total	------	------	------	------	------	------	-----	-----	-----	-----	3,320	----	----------	----------	----	----------	----------

CALBAYOG.

[ϕ=12° 04′ N; λ=124° 36′ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.80 mm.]

DECEMBER, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.14	56.51	56.48	53.99	54.32	54.23	55.28	22.3	22.4	25.3	25.4	24.2	24.3	24	26.3	22	95	95	91	90	94	94	93.2	54.9
2	53.88	55.21	57	54.89	56.76	57.44	55.86	23.7	22.8	24.6	25.3	25.2	23.6	24.2	25.9	22.7	96	97	92	92	94	95	94.3	2
3	56.30	57.44	58.30	56.86	58.07	59.55	57.75	22.9	22.7	28.1	29.4	25.5	24.5	25.5	29.8	22.5	96	97	85	79	93	96	91	11.4
4	58.05	58.43	58.66	56.43	57	57.78	57.72	23.7	22.3	29.6	30.2	26.7	24.9	26.2	32.1	22.2	97	97	77	69	83	92	85.8	2.3
5	56.79	57.21	57.77	55.13	56.12	56.88	56.65	23.9	22.6	28.3	30.5	25.6	23.7	25.8	31.8	22.5	95	96	75	70	92	94	87	7.1
6	55.77	56.36	57.02	55.75	56.27	57.05	56.37	22.9	23	28.6	27.6	25.8	23.7	25.3	29.8	22.4	96	97	80	86	88	96	90.5	3.3
7	56.41	56.61	56.97	55.34	56.38	57.80	56.58	22.7	21.8	30	30.2	25.5	23.8	25.7	31.8	21.6	97	98	72	77	88	95	87.8	2.5
8	56.47	56.89	57.64	55.73	56.01	57.72	56.74	22.9	22.5	27.6	26.3	26.2	24	24.9	29.8	22.4	97	97	84	88	86	94	91	6.4
9	56.77	57.49	58.24	55.98	56.94	58.17	57.26	22.8	22.4	30.2	30.7	25.8	24.2	26	32.2	22.4	95	95	70	72	88	94	85.7	1.3
10	57.12	58	58.34	56.18	57.06	58.29	57.50	23.2	22.3	29.2	29.6	26	23.8	25.7	30.2	22.3	96	96	76	79	85	95	87.8	5.1
11	57.15	57.51	57.99	56.12	57.14	57.90	57.30	22.9	22.9	29.5	27	26	24	25.4	32.2	22.7	95	96	73	82	88	95	88.2	7.9
12	56.93	57.04	57.62	56.73	57.42	58.27	57.34	23.9	23.3	30	25.2	24.1	23.7	25	31.2	23.2	96	96	73	89	92	95	90.2	14.2
13	56.89	57.39	58.27	55.76	57.06	57.54	57.15	23.4	23.3	28.8	30	26.4	24.9	26.1	31.9	23	96	97	76	77	87	94	87.8	6.1
14	56.23	56.95	57.85	55.91	56.38	57.19	56.75	24.3	23.9	26.1	26.9	25.8	24.8	25.3	28.3	23.6	95	96	89	90	93	93	92.7	25.2
15	55.78	56.03	57.10	55.42	56.27	57.31	56.32	24.6	24.1	28.6	25.7	25.6	24.6	25.5	31	24	94	96	82	94	92	95	92.2	25.9
16	56.15	56.80	57.57	55.11	55.93	56.67	56.37	23.9	23	28.8	30	26.5	24.8	26.2	30.6	22.9	96	97	76	71	86	93	86.5	3
17	55.84	56.43	57.39	55.35	56.36	57.03	56.40	24.4	24.1	27.7	27.6	26.5	24.8	25.8	28.8	23.9	95	96	84	84	90	93	90.3	2.3
18	56.09	56.85	57.59	54.62	56.17	57.57	56.48	24.3	23.5	28.8	32	27.5	25.5	26.9	32.8	23.3	96	97	78	63	86	91	85.2	------
19	56.16	56.89	57.68	55.34	56.47	58.02	56.76	24.1	23.5	30.4	31.2	27.5	23.8	26.8	32.2	23.1	96	96	72	72	87	95	86.2	------
20	56.81	57.50	57.85	55.81	57.33	58.37	57.28	22.6	21.4	28.6	31.8	26.6	25.6	26.1	32.7	21.3	96	95	73	56	80	92	82	------
21	57.45	58.23	57.90	55.92	56.95	57.98	57.40	24.8	24.1	29	30.8	26.4	25	26.7	31.8	24	93	93	76	68	82	92	84	------
22	56.67	57.41	57.72	56.11	56.96	58.08	57.16	23.8	22.8	28.7	26.4	25.7	23.7	25.2	29.2	22.4	95	95	75	87	88	96	89.3	3.3
23	56.96	57.44	57.79	55.79	56.76	57.93	57.11	21.8	20.6	28.8	30.2	26	22.8	25	31.7	20.5	96	95	75	68	83	95	85.3	------
24	56.71	57.24	57.59	56	57.46	58.06	57.18	21.7	21.7	29	31.5	26.5	24.7	25.8	32.2	21.5	96	96	73	60	77	89	81.8	2.5
25	56.82	57.69	58.02	56.47	57.73	57.89	57.44	23.8	23.4	28	26.7	25.6	24.4	25.3	28.8	23.3	94	94	80	86	88	92	89	2.8
26	56.67	56.95	57.22	55.83	57.52	57.61	56.97	23.8	23.5	26.9	26.6	23.6	22.7	24.5	28.8	22.5	95	96	92	87	93	96	93.2	17.8
27	56.44	56.77	57.14	55.83	56.99	57.44	56.77	22.8	23.4	25.8	27.5	25.3	24	24.8	28.4	22.6	96	96	90	76	88	93	89.8	------
28	56.88	57.75	58.66	56.94	58.05	58.42	57.78	23.7	23.3	24.8	25	23.8	23.5	24	26.2	22.8	93	93	92	83	90	90	90.2	4.8
29	57.30	57.71	58.05	56.11	57.69	58.20	57.51	23.2	23	26.8	26.8	24.3	23.1	24.5	28.3	22.8	94	97	87	80	91	96	90.8	13.5
30	56.93	57.71	57.95	55.81	57	58.10	57.25	22.7	21.9	27.7	27.5	26.4	24.6	25.1	29.7	21.8	96	96	81	84	82	92	88.5	.8
31	57.35	58.50	58.30	56.50	58.09	59.20	57.99	22.8	22.2	28.3	29.1	26.6	24.7	25.6	30.7	22.1	96	96	80	76	88	92	88.2	1.5
Mean	56.53	57.19	57.73	55.80	56.86	57.73	56.98	23.4	22.8	28.1	28.4	25.8	24.2	25.4	30.2	22.6	95.4	95.9	80	78.5	87.8	93.7	88.6	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	227.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	N	NNW	NW	W	WNW	12.6	33.6	46.1	32.2	124.5	10	Ci.-S.	N. N	10	Ci.-S.	N. N
2	N	Calm	Calm	Calm	Calm	Calm	30.9	21.5	11	1.9	65.3	10	Ci.-S.	Fr.-N.	9	Ci.-S.	S.-Cu.
3	Calm	Calm	S	NNE	Calm	Calm	22	30.8	25.2	22.8	100.8	4	Ci.	S.-Cu.	8	Ci.-S.	Cu.-N. NE
4	N	N	NE	S	N	Calm	16.4	38.6	39.6	12.1	106.7	0	Ci.	Cu.	7	Ci.-S.	S.-Cu. N
5	Calm	Calm	NE	NNE	N	Calm	11.6	36.8	36.4	16.3	101.1	7	Ci.-S.	S.-Cu. NNE	7	Ci.-S.	S.-cf. NE
6	Calm	Calm	NNE	NNE	N	N	8.7	22.2	27.4	15.6	73.9	7	Ci.-S.	N. NE	9	Ci.-S.	N. NNE
7	Calm	N	N	S	N	Calm	15	33	38	17.2	103.2	0	Ci.	Cu.	8	Ci.-S.	Cu. NE
8	N	N	NE	E	N	N	24.7	28.7	32.5	17.1	103	0	----------	Cu.	7	Ci.-S.	Cu.-N.
9	N	Calm	NE	NNE	Calm	Calm	20.7	33.2	25.4	17.2	96.5	0	Ci.	Cu.	8	Ci.-S.	Cu.
10	Calm	N	S	NW	N	Calm	18.8	33.5	28	19.8	100.1	2	Ci.	Cu.	8	Ci.-S.	Cu.-N.ENE
11	N	Calm	NE	N	N	Calm	21.2	38.3	48.3	18.5	126.3	6	Ci.	S.-Cu. NE	8	Ci.-S.	Cu.-N.
12	N	Calm	NE	ENE	N	N	28.5	42.8	30.9	16.9	119.1	8	Ci.-S.	S.-Cu. NNE	10	Ci.-S.	N. NE
13	N	NE	NNE	ENE	NNE	NNE	17.2	49.1	35.6	26	127.9	9	Ci.-S.	S.-Cu. E	7	Ci.-S.	Cu.-N.ENE
14	N	Calm	NE	S	N	Calm	22.5	23.8	32	30.3	108.6	10	Ci.-S.	S.-Cu. ENE	7	Ci.-S.	S.-Cu. E
15	N	Calm	N	S	Calm	Calm	23.1	36.7	27.6	13.5	100.9	6	Ci.-S.	S.-Cu.	10	Ci.-S.	N. E
16	Calm	Calm	NE	NE	NE	NNE	16.4	32.8	46.2	24.1	119.5	8	Ci.-S.	S.-Cu.	8	Ci.-S.	S.-Cu. ENE
17	Calm	N	NNE	NE	Calm	Calm	21.4	31.7	16.7	16.4	86.2	9	Ci.-S.	Fr.-N.	10	Ci.-S.	S.-Cu.
18	Calm	N	E	E	Calm	N	15.5	35.9	38.9	15.5	105.8	9	Ci.-S.	S.-Cu. ESE	5	Ci.	Cu. ESE
19	N	N	ESE	S	Calm	N	21.1	34.9	40.7	20.3	117	5	Ci.	S.-Cu. E	6	Ci.	Cu. E
20	N	Calm	NE	NE	NE	N	16.1	33.8	48.3	22.7	120.9	3	Ci.	Cu.	6	Ci.	Cu.
21	Calm	N	NNE	ENE	NW	N	19.8	45.3	58.4	34.6	158.1	8	Ci.-S.	S.-Cu. E	8	Ci.-S.	Cu. ENE
22	N	Calm	ENE	NNW	N	N	26.9	21.2	38.6	13.7	100.4	6	A.-Cu. E	S.-Cu.	10	Ci.-S.	N. E
23	Calm	Calm	NE	W	Calm	Calm	13.9	28.2	29.2	16.1	87.4	0	Ci.	Cu.	6	Ci.	Cu. E
24	N	N	NNE	NNE	E	Calm	21.4	42.8	54.5	9.7	128.4	5	Ci.	S.-Cu. NE	6	Ci.	Cu. ENE
25	N	N	NE	NNE	N	N	20.4	36.4	36.5	17.5	110.8	8	Ci.-S.	S.-Cu. ENE	10	Ci.-S.	S.-Cu.
26	N	N	NNE	NNE	NE	Calm	24.6	39.9	38.1	29.6	132.2	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N. NE
27	N	Calm	NNE	NNE	N	N	22.8	35.9	46.7	30.1	135.5	10	Ci.-S.	Fr.-N.	9	Ci.-S.	S.-Cu.
28	N	N	N	ENE	NNE	N	29	42.6	60.9	40.8	173.3	8	Ci.-S.	S.-Cu. ENE	9	Ci.-S.	N. ENE
29	N	Calm	ESE	ENE	Calm	Calm	25.2	32.7	34	14.3	106.2	9	Ci.-S.	S.-Cu. E	8	Ci.-S.	S.-Cu. ENE
30	NW	Calm	SE	SSE	N	Calm	22.7	26	48.5	17.7	114.9	5	Ci.	S.-Cu.	8	Ci.-S.	S.-Cu. E
31	N	N	SSE	S	NE	Calm	18.8	38.1	35.9	13.5	106.3	6	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu.-N. E
Mean	------	------	------	------	------	------	20.3	34.2	37.3	19.8	111.6	6.1	----------	----------	8	----------	----------
Total	------	------	------	------	------	------	------	------	------	------	3,460.8	----	----------	----------	----	----------	----------

LEGASPI.

[ϕ=13° 09′ N; λ=123° 45′ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.77 mm.]

JANUARY, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.80	56.57	56.86	54.07	54.05	54.18	55.42	26.5	26.6	25.7	26.1	25.4	25.9	26	27	24.8	82	80	89	89	93	92	87.5	59.2
2	52.45	53.73	55.56	54.06	54.88	55.85	54.42	25.6	25.4	28.1	26.9	26.8	25.9	26.4	29	24.7	95	88	77	86	85	90	86.8	2.5
3	55.73	55.98	57.72	56.14	57.08	58.83	56.91	24.3	24.2	27.5	29.3	27.9	24.5	26.3	31.1	23.3	95	95	76	74	81	89	85	4.8
4	58.57	59.47	61.06	58.93	59.11	60.25	59.56	22.9	22.5	29.2	31.8	27.9	26.5	26.8	32.1	22.2	95	96	78	72	84	88	85.5	3
5	59.71	60.52	61.89	59.54	59.61	60.45	60.29	26.3	25	26.7	31.5	28.2	26	27.3	31.5	24.2	88	92	86	65	75	84	81.7	14.3
6	59.80	59.69	60.94	59.24	59.48	60.62	59.96	25.4	25.2	27.7	30.7	27	25.1	26.8	31.1	24.2	87	87	80	70	83	91	83	14.4
7	60.29	60.23	61.03	59.38	59.58	60.49	60.17	25	24.8	29.3	31.5	28.3	26.5	27.6	32	24	91	92	75	69	79	87	82.2	8.9
8	60.26	60.61	61.85	60.28	60.58	61.86	60.91	26.3	26.2	28.5	30.6	27.5	26.5	27.6	31.5	25.1	87	87	80	69	81	83	81.2	6.6
9	61.40	61.91	62.46	60.37	61.13	62.56	61.64	25.9	25.7	28.4	29.1	27.2	25.9	27	29.6	25.1	87	88	75	71	83	88	82	4.1
10	61.24	62.02	62.94	60.28	60.78	62.36	61.60	25.2	26	28.4	29.6	26.5	26.1	27	30	24.9	87	84	75	71	88	90	82.5	3.6
11	61.16	61.74	62.65	60.36	60.80	61.37	61.35	26.4	26	28.6	28.8	25.7	26	26.9	29.2	24.9	86	84	78	78	88	91	84.2	29.2
12	60.24	60.06	61.35	59.13	60.21	60.69	60.28	25.9	25.9	27.6	27.5	25.1	25.9	26.3	28.4	24.7	87	85	80	81	90	88	85.2	25.4
13	59.56	59.49	60.82	58.84	58.66	59.26	59.44	26.2	26.4	26.9	28.4	27.5	26.5	27	29	25.1	86	86	86	76	78	84	82.7	15
14	57.66	57.61	58.51	54.96	55.36	55.56	56.61	25.8	25.9	25.6	26	25.8	26	25.8	26.9	24.6	88	88	91	89	89	89	89	73
15	53.73	53.37	55.64	53.23	53.98	55.27	54.21	25.8	26.3	26	25.6	25	25.5	25.7	26.5	24.3	89	93	93	91	96	93	92.5	105.6
16	54.50	55.23	58.01	56.28	56.70	58.31	56.50	24.4	23.6	23.5	23.9	23.2	23.1	23.6	25	22.5	96	94	92	90	92	90	92.3	40.6
17	58.25	58.07	59.98	58.47	58.56	59.91	58.87	22.7	23	24	24.8	23.4	23.1	23.5	25	21.8	86	83	80	77	81	83	81.7	8.9
18	59.88	59.78	60.97	59.49	59.35	60.15	59.94	23	22.6	26	27.1	25	24.4	24.7	27.5	22.4	83	83	64	65	75	78	74.7	------
19	59.85	59.97	60.97	59.93	60.10	60.87	60.28	24.1	24.5	26.2	27.5	25.6	24.9	25.5	28.4	22.9	78	75	67	63	69	72	70.7	------
20	59.93	59.82	61.02	58.88	58.87	59.65	59.70	24.7	24.6	26.7	28.3	25.7	25.3	25.9	28.7	24.4	73	72	62	60	71	69	67.8	------
21	58.68	58.79	59.61	57.64	57.84	58.02	58.43	25	24.9	27.1	27.5	25	24.9	25.7	28.6	24	70	70	71	71	84	84	75	.3
22	57.39	57.78	58.28	56.47	56.82	57.19	57.32	24.5	24.4	24.9	26.5	26	25.9	25.4	26.7	24	87	91	91	86	88	86	88.2	23.7
23	56.62	57.75	58.36	56.53	56.95	58.13	57.39	25.8	23.8	26.1	27.1	27	26.5	26	30.6	23.5	86	95	89	84	88	80	86.2	6.2
24	57.82	58.04	59.09	57.40	58.06	59.17	58.26	25.4	24.8	26.7	27.4	26	26	26	28	23.4	87	90	86	84	87	87	86.8	------
25	58.64	58.97	61.01	58.83	58.87	59.52	59.31	25.7	25.9	25.2	28.2	25.7	25.6	26	29.2	24.5	84	85	92	75	89	85	85	11
26	58.16	58.41	59.74	58.53	59.13	59.83	58.97	25.5	25.9	27.3	24.1	23.5	24.4	25.1	27.6	23	84	84	79	94	95	91	87.8	88.2
27	59.05	58.68	59.20	57.72	57.77	58.64	58.51	23.6	25.2	27.8	25.7	25.4	26.1	25.6	28.9	23.3	97	89	84	94	91	87	90.3	5.9
28	57.96	58.45	59.29	57.03	57.72	58.74	58.20	25.8	25.2	28.9	27	26.5	25.6	26.5	29.2	23.8	88	89	81	86	84	88	86	29.7
29	57.56	57.37	58.52	57.07	56.92	58.12	57.59	25	24.6	24.8	24.6	25	25.6	24.9	26.1	23.7	98	92	96	95	88	84	92	20
30	57.05	57.37	58.43	56.36	56.69	57.43	57.22	25.3	25.1	27.1	29.6	27.2	25.5	26.6	31	24	83	80	81	78	84	92	83	2.5
31	56.18	56.49	56.99	55.47	55.70	56.98	56.30	24.2	23.7	28.3	30.4	26.9	25.1	26.4	31.7	23.5	91	94	77	72	90	91	85.8	5.1
Mean	58.26	58.52	59.70	57.77	58.11	59.04	58.57	25.1	25	26.9	27.8	26.1	25.5	26.1	28.9	23.9	87.1	86.8	81	78.2	84.6	86.3	84	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	606.7

Day.	Wind.											Clouds.				
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NNE	NNE	N	N	NE	NE	96.4	114.9	150.7	149.2	511.2	10	Ci.-S.	N. NE	10	Ci.-S.	Fr.-N.NNE
2	NE	ENE	NE	Calm	ENE	Calm	131	98.8	47.5	20.1	297.4	8	Ci.-S.	Fr.-Cu. E	9	Ci.-S.	Fr.-N. SE
3	Calm	Calm	SSE	Calm	S	Calm	13.9	27.4	25.2	9.5	76	8	Ci.-S.	N. SW	4	----------	Cu.-N.SSW
4	Calm	Calm	NE	NE	NE	N	5	17.4	74.2	40.5	137.1	1	Ci.	Cu.	2	----------	Cu.-N. SSE
5	Calm	NE	ENE	ENE	ENE	N	30.1	51	82.3	47.2	210.6	10	Ci.-S.	N. E	2	Ci.	Cu.-N.
6	NE	N	NE	NE	ENE	N	42.4	52.5	64.2	38	197.1	8	Ci.-S.	Cu.-N. ENE	7	A.-Cu. E	Cu.-N. ESE
7	NE	ENE	NE	ENE	ENE	N	53.9	64.9	88.7	57.7	265.2	9	Ci.-S.	N. E	3	A.-Cu.	Cu. ESE
8	ENE	ENE	ENE	NE	NE	NNE	54.4	68.7	83.9	82.6	289.6	5	Ci. SW	Cu. E	6	Ci.-S.	Cu. ENE
9	NNE	NNE	NE	ENE	NNE	NNE	70.8	112.4	98.4	81.8	363.4	2	----------	Cu.-N. NE	8	Ci.-S.	Cu.-N.NE
10	NNE	N	ENE	NE	NE	ENE	78.6	95.3	102.5	88.5	364.9	6	Ci.	Cu.-N. ENE	8	Ci.-S.	Cu. NE
11	NNE	ENE	NE	NE	ENE	ENE	137.9	116.2	112.3	103.3	469.7	8	Ci.-S.	Cu. ENE	8	Ci.-S.	Cu.-N.ENE
12	NNE	ENE	ENE	ENE	NE	ENE	126	135.7	115.7	104.6	482	3	Ci.-S.	Cu. NE	10	Ci.-S.	Fr.-N.NE
13	ENE	ENE	ENE	ENE	ENE	ENE	112.4	105.2	132	131	480.6	10	Ci.-S.	Cu.-N. ENE	8	Ci.-S.	Fr.-N.NE
14	ENE	ENE	ENE	ENE	ENE	NE	145.6	134.2	135.8	141	556.6	10	Ci.-S.	Fr.-N. NE	10	Ci.-S.	N.
15	NE	NE	NE	NE	N	N	165.1	136.3	97.4	112.3	511.1	10	Ci.-S.	N.	10	Ci.-S.	Fr.-N. ENE
16	ENE	N	NNE	NNE	NNE	NE	175.4	160.7	167.3	170.4	673.8	10	Ci.-S.	N.	10	Ci.-S.	Fr.-N.NNE
17	NNE	NNE	NNE	NNE	NE	NE	164.1	160.9	152.7	139.7	617.4	9	Ci.-S.	Fr.-N. NE	10	Ci.-S.	Fr.-N.NNE
18	NNE	NNW	NE	NE	NNE	NNE	119.9	166.7	143.7	133.6	563.9	8	Ci.-S.	Fr.-Cu.NNE	8	Ci.-S.	Fr.-Cu. NE
19	NNE	NE	NE	NNE	NE	NNE	145.1	163.5	159.8	128.5	596.9	6	Ci.	Fr.-Cu.NNE	7	Ci. SW	Fr.-Cu.NNE
20	NE	NE	NE	NNE	NNE	NNE	161.1	154.3	134.2	-----	[a] 449.6	6	Ci.	Cu. NE	8	Ci.-S.	Cu.-N.NNE
21	NE	N	NNE	NE	NNE	N	-----	95.2	103.8	98.5	[a] 297.5	10	Ci.-S.	N.	10	Ci.-S.	Cu.-N.NNE
22	NNE	NNE	NNE	NNE	NNE	N	93.6	104.3	95.8	70.3	364	10	Ci.-S.	N.	10	Ci.-S.	Cu.-N. NE
23	N	NNW	NE	NE	NE	N	40	42.1	48.6	59.3	190	10	Ci.-S.	N. E	10	Ci.-S.	Fr.-N. E
24	NE	NNE	NNE	NNE	NNE	NE	52.9	105.9	118	102.5	379.3	10	Ci.-S.	N.	10	Ci.-S.	Cu.-N. NE
25	NNE	NNE	NE	NE	NNE	NNE	81.1	89.3	101.7	106.7	378.8	8	Ci.-S.	Fr.-N. NE	10	Ci.-S.	N. ENE
26	NE	NE	NNE	NNE	NE	NE	113.2	108.8	95.6	62.8	380.4	4	Ci.-S.	Fr.-Cu.ENE	10	Ci.-S.	N.
27	NNE	NNE	NE	NE	NE	ENE	78.4	116.2	111.8	106.7	413.1	5	Ci.	Cu.-N. ENE	10	Ci.-S.	N. ENE
28	NE	N	NE	NE	NE	ENE	80.5	97.4	101.6	97.2	376.7	10	Ci.-S.	Fr.-N. ENE	8	Ci.-S.	N. E
29	NNE	NE	NE	ENE	NNE	NNE	90.6	120.4	105.2	100.3	416.5	10	Ci.-S.	N. E	10	Ci.-S.	N.
30	NE	NE	NNE	NE	N	WSW	73	58.2	46.7	28	205.9	10	Ci.-S.	N.	5	Ci. SW	Cu.
31	W	WSW	WNW	NE	NE	NE	23.1	33.8	47	91.7	195.6	3	Ci.	Cu. NNE	8	A.-Cu.	Cu.-N.SW
Mean	------	------	------	------	------	------	91.8	100.3	101.4	90.1	377.8	7.6	----------	----------	8	----------	----------
Total	------	------	------	------	------	------	-----	-----	-----	-----	11,711.9	----	----------	----------	----	----------	----------

[a] 6 hours missing.

LEGASPI.

[ϕ=13° 09′ N; λ=123° 45′ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.77 mm.]

FEBRUARY, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P. ct.*	*mm.*
1	56.19	56.63	58.18	56.49	56.36	57.62	56.91	24.9	24.1	26.1	28.7	26.5	26.1	26.1	29.5	23	89	91	88	71	77	79	82.5	2.3
2	57.26	57.47	58.53	56.33	56.57	57.45	57.27	25.6	24.3	26.9	30.9	27.9	25.1	26.8	31.7	23.8	84	91	85	72	82	92	84.3	------
3	56.76	57.02	58.65	56.76	56.43	57.97	57.26	24	22.7	29	29.1	28.1	25	26.3	30.4	22.4	87	97	76	76	83	92	85.2	------
4	57.26	57.65	58.67	56.41	56.36	57.32	57.28	23.5	23.1	29.4	31.8	27.9	25.4	26.8	32.5	22.9	96	96	69	58	77	88	80.7	------
5	57.21	57.88	58.95	56.74	56.80	58.33	57.65	23.8	23.5	29.3	31.5	28.5	24.6	26.9	31.8	23.1	96	95	73	65	80	94	83.8	2.5
6	58.30	58.81	59.96	57.23	56.86	58.02	58.20	22.4	22	29	32.5	27.6	25.6	26.5	33	21.5	97	96	77	63	77	86	82.7	------
7	57.18	57.65	58.46	56.29	56.23	57.29	57.18	23	20.7	28.1	31.6	28.7	22	25.7	32	20.5	95	95	72	57	64	91	79	------
8	57.05	57.25	58.45	56.34	56.74	58.48	57.38	19.4	19.5	27.9	31.7	25.7	21.9	24.4	31.7	18.5	94	94	66	52	68	82	76	------
9	58.74	59.37	60.26	58.61	59	60.52	59.42	17.8	17	27.4	31.5	27.3	24.5	24.2	32.5	16.7	91	95	64	48	66	79	73.8	------
10	59.91	60.24	61.51	59.65	59.54	60.77	60.27	21.2	20.8	28.4	29.7	27.4	26	25.6	31	20.5	94	91	62	58	70	78	75.5	------
11	59.67	60.05	61.41	59.69	60.08	61.14	60.34	24	24.9	29	28.7	27.4	25.5	26.6	32.6	22.4	88	83	72	75	79	84	80.2	1.6
12	60.57	60.75	62.06	60.33	60.34	61.50	60.92	25.3	25.1	27.5	30.1	27.2	26.8	27	30.8	24.1	83	83	75	61	71	72	74.2	------
13	60.57	60.69	62.06	60.10	59.96	61.54	60.82	25.9	26	30	31.9	27.4	26	27.9	32.1	24.9	78	76	65	61	73	78	71.8	------
14	60.92	61.18	62.29	59.65	59.66	60.67	60.73	25	22.2	27.7	31.9	27.4	25.4	26.6	32.6	21.9	83	91	79	63	73	82	78.5	2.5
15	59.71	59.87	61.43	59.25	59.36	60.45	60.01	25.2	25.3	30.2	32.1	28.2	26.4	27.9	32.9	24.5	81	81	66	58	72	81	73.2	------
16	59.40	59.73	61.56	59.17	59.87	61.37	60.18	25.7	23	28.6	32.4	26	25.4	26.8	33.1	22.3	84	95	73	62	86	84	80.7	10.2
17	59.34	59.42	60.95	58.39	58.88	59.90	59.48	24.7	25.5	30.2	31.3	27.5	26.6	27.6	32.1	24.1	88	88	69	68	84	85	80.3	------
18	58.55	58.68	59.63	56.92	57.22	58.24	58.21	26.5	26.4	28.2	27.7	25.9	25.1	26.6	30.6	24.8	85	85	77	84	88	89	84.7	23.9
19	57.12	57.24	58.23	56.26	56.69	58.16	57.28	25.3	25.8	27.5	26.8	25.4	24.6	25.9	28.1	24.4	88	86	78	85	92	90	86.5	47.8
20	56.86	57.37	59.07	57.38	56.69	57.87	57.54	25.4	24.4	25.5	25.9	25.7	26.7	25.6	27.2	23.8	88	91	92	90	85	83	88.2	53.5
21	57.21	57.74	59.15	56.92	56.80	57.81	57.60	26.1	24.7	26.5	28.4	27.2	25.9	26.5	29.4	23.8	89	91	87	80	84	90	86.8	9.9
22	57.59	57.73	58.99	56.91	57.32	58.23	57.80	25.2	25.8	28.7	30.1	27.2	26.4	27.2	30.7	24.8	91	89	79	72	82	80	82.2	------
23	57.43	58.05	59.20	57.41	57.45	58.82	58.06	23.1	22.4	29.1	29.9	27.1	26.3	26.3	30.2	22	93	96	71	68	78	81	81.2	------
24	57.59	58.22	59.13	57.65	57.86	58.93	58.23	25.8	23.9	29.3	30	27.4	26.2	27.1	30.6	23.3	82	87	65	67	76	80	76.2	------
25	58.39	58.82	59.79	57.54	57.34	58.66	58.42	25.6	23.5	29.1	30.4	27.4	25.9	27	30.9	22.9	82	90	70	64	76	81	77.2	------
26	57.62	57.99	59.49	57.46	57.09	58.42	58.01	25.3	24.9	28	29.2	27	26.5	26.8	30.6	21.5	81	80	65	61	73	76	72.7	------
27	57.18	58.47	59.11	56.83	57.32	58.74	57.94	25.7	25.4	28.9	30.4	25.4	25.9	27	31.1	24.2	79	80	63	58	86	84	75	8.4
28	57.52	58.39	49.23	56.96	57.21	58.33	57.94	25.7	25.2	28.9	29.3	26.7	26.4	27	30	23.5	80	81	69	71	83	82	77.7	1.6
29	57.57	57.98	58.96	57.11	57.31	58.74	57.94	26.6	24.9	28.1	25.7	26.7	26.1	26.4	30.3	24.5	83	87	79	87	82	83	83.5	4.1
Mean	58.16	58.56	59.77	57.68	57.77	59.01	58.49	24.4	23.7	28.4	30	27.1	25.5	26.5	31.1	22.8	87.2	89	73.3	67.4	78.2	83.7	79.8	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	168.3

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Mid-night.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NNE	N	NE	NNE	NNE	N	51.7	71.9	118.5	100.4	342.5	1	Ci.	Cu.	10	Ci.-S.	N.
2	NNE	NE	NE	E	ENE	Calm	71.9	54.2	51.3	8.5	185.9	10	Ci.-S.	N. ENE	3	A.-Cu. E	Cu.
3	NE	Calm	ENE	NE	Calm	Calm	15.1	18.5	28.2	6.2	68	1	Ci.	Cu.	9	Ci.-S.	Cu.-N. WSW
4	Calm	NW	W	SW	SW	SW	12.6	32	75.4	26.9	146.9	0	----------	----------	2	----------	Fr.-Cu.SSW
5	Calm	Calm	SW	SW	SW	Calm	15.5	41	72.4	10.7	139.6	0	----------	----------	3	----------	Cu.-N. WSW
6	Calm	Calm	NE	ENE	NE	NE	18.2	27.7	42.8	16.7	105.4	0	----------	----------	1	----------	Cu.
7	Calm	NE	NE	NE	NE	S	6.2	23.6	39.4	23.8	93	0	----------	----------	2	----------	Cu.-N. WSW
8	SSW	SSW	SW	WSW	SW	Calm	24.7	33.6	73	39.2	170.5	0	----------	----------	1	----------	Cu. WSW
9	W	W	Calm	NE	NE	Calm	23.1	23	64.2	26.2	136.5	0	----------	----------	1	Ci.	Cu.
10	Calm	Calm	NNE	NE	NNE	NE	10.5	65.8	101.7	70.5	248.5	1	Ci.	Cu.	2	----------	Cu.-N.ENE
11	NE	NNE	ENE	NE	NE	ENE	27.9	70	88.3	89	275.2	8	Ci.	Cu. NE	10	Ci.-S.	Fr.-N. E
12	NE	NE	NE	NE	NE	NE	96.3	120.5	134.6	96	447.4	8	Ci.-S.	Cu.-N. E	6	Ci.-S.	Cu.-N.ENE
13	NE	NE	NE	NE	NE	N	86.7	94.6	89.6	67.1	338	10	A.-Cu. SE	Cu.	8	Ci.-S.	Cu. ENE
14	NNE	Calm	NE	NE	NNE	NE	23.3	47.7	80.3	55.5	206.8	2	----------	Cu.	2	----------	Cu.-N.
15	NNE	NE	ENE	ENE	NE	N	32.5	71.9	82.9	60.9	248.2	7	Ci.-S.	Cu.-N. ENE	2	Ci.	Cu.-N.
16	NNE	Calm	NE	NE	NE	NE	26.9	34.6	87.1	75.8	224.4	2	Ci.	Cu.	7	Ci.	Cu.-N.ENE
17	NE	N	NE	NE	NE	N	56	72.7	86.4	57.4	272.5	9	Ci.-S.	Cu.-N. E	8	Ci.-S. SE	Cu.-N.ENE
18	NNE	NE	NNE	NE	NE	N	63.9	71	80.5	73.2	288.6	9	Ci.-S.	cu.-N. ENE	10	Ci.-S.	Fr.-N. ENE
19	NE	NNE	NE	NE	NNE	ENE	71.6	77.2	77.7	60.7	287.2	10	Ci.-S.	Cu.-N.	10	Ci.-S.	N. ENE
20	NE	NNE	NE	NE	NNE	NNE	70.3	75.3	95.8	91.9	333.3	10	Ci.-S.	N. ENE	10	Ci.-S.	Fr.-N.ENE
21	NE	NE	NE	ENE	NE	ENE	57.7	82.7	86.1	69.8	296.3	10	Ci.-S.	N. E	9	Ci.-S.	Cu.-N. E
22	NE	ENE	ENE	ENE	ENE	ENE	51	79.7	90.6	65.5	286.8	7	Ci.-S.	Cu.-N. E	6	Ci.	Cu.-N.
23	Calm	Calm	ENE	E	ENE	NE	5.3	40.4	96.6	47.2	189.5	5	Ci.	Cu.	6	Ci.	Cu.-N.
24	NNE	Calm	NE	NE	ENE	NNE	20.1	36.8	68.4	53.7	179	7	Ci.	Cu. E	7	Ci. ESE	Cu.
25	NE	N	NE	NE	ENE	NNE	29.8	34.4	60.4	53.9	178.5	7	Ci. NE	Cu. ENE	6	Ci.	Cu. ENE
26	NNE	Calm	NNE	NNE	NE	NNE	32	67.3	98.5	88	285.8	10	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.-N.
27	NNE	NNE	NE	NE	NW	NE	76.9	98.8	86.1	90.6	352.4	4	Ci.	Cu. NE	7	Ci.	cu.-N. NE
28	NE	NNE	NNE	NNE	NE	NNE	78.6	109.6	96.8	88.2	373.2	7	Ci.-S.	Cu.-N.	9	Ci.-S.	N. NE
29	NNE	N	NE	NNE	NE	NNE	85.9	88.8	114.1	137.6	426.4	8	Ci.-S.	Cu.-N. NE	10	Ci.-S.	N. E
Mean	------	------	------	------	------	------	42.8	60.9	81.3	60.7	245.7	5.1	----------	----------	6	----------	----------
Total	------	------	------	------	------	------	------	------	------	------	7,126.3	----	----------	----------	----	----------	----------

LEGASPI.

[ϕ=13° 09′ N; λ=123° 45′ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.77 mm.]

MARCH, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.02	58.72	60.31	58.77	58.89	60.77	59.25	26.2	25.7	27.2	26.9	26.1	25.7	26.3	28.1	23.8	83	80	73	76	72	73	76.2	------
2	59.23	59.71	61.24	59.69	59.77	61.01	60.11	25.4	25.2	26.4	26.9	25.9	25.8	25.9	28.1	23.2	72	72	69	69	69	68	69.8	------
3	59.83	60.07	62.13	59.59	59.54	61.29	60.41	25.6	25.5	24.9	27.6	25.9	25.7	25.9	28.2	22.8	70	78	79	70	80	81	76.3	2.5
4	60.60	60.86	62.48	60.22	60.18	60.28	60.77	25.3	24.1	24.4	22.3	23.9	24.2	24	25.7	21.3	83	90	93	92	90	83	88.5	32.4
5	59.81	60.31	61.36	58.78	58.92	60.02	59.87	22.4	21.9	27.7	30	25.4	25	25.4	30.1	20.4	95	95	79	73	88	89	86.5	15.8
6	58.41	58.69	59.90	57.88	57.82	58.94	58.61	23.7	25.4	26.6	25.2	24.7	25.1	25.1	29	23.5	94	82	82	89	92	90	88.2	17.4
7	57.92	58.18	59.14	56.91	57.01	58.58	57.96	24.6	23	28.3	29.4	27.4	25.9	26.4	30.2	21.5	90	97	73	70	76	83	81.5	------
8	57.82	58.68	59.86	57.72	57.81	59.59	58.58	25.7	23.3	29.2	31.1	27.4	27	27.3	31.2	22.6	85	94	76	69	81	81	81	------
9	59.14	59.62	60.93	58.59	58.95	59.40	59.44	26.4	24.4	30	30.9	27.7	26.9	27.7	31.2	24.3	83	93	71	68	77	80	78.7	------
10	58.82	59.04	60.28	57.58	57.79	59.12	58.77	25.9	25.4	29.7	31.1	27.7	26.6	27.7	31.4	24.4	82	81	65	64	77	80	74.8	------
11	58.20	58.89	60.09	57.68	58.06	59.92	58.81	24.5	22.8	28.7	31.5	27.9	26.7	27	32.1	21.4	91	94	70	58	74	80	77.8	8
12	58.90	59.99	60.71	58.58	58.77	60.21	59.53	26.1	24.4	28.3	29.6	27.4	26.6	27.1	30.2	23.5	82	91	82	76	84	84	83.2	7.1
13	59.87	60.27	61.40	59.38	59.41	61.20	60.26	25.7	25.2	29.1	30.6	27.9	26.4	27.5	31.1	23.6	88	91	78	71	75	83	81	------
14	59.89	59.51	60.38	58.50	58.36	60.05	59.45	25.8	25.4	30.1	28.9	27.2	26.7	27.4	31.2	24.1	85	86	68	74	76	77	77.7	------
15	58.67	58.84	59.28	58.22	58.66	59.86	58.92	25.8	25.5	28.2	27.9	25.1	24.7	26.2	29.6	24	79	83	68	72	86	87	79.2	4.1
16	58.97	59.06	61.43	58.49	58.66	60.30	59.48	25.2	25.9	24.7	29.4	27.4	27.3	26.6	29.7	23.4	84	80	87	63	73	77	77.3	2.8
17	59.59	59.87	61.11	59.44	59.70	60.86	60.10	26.8	26.6	29.4	27	26.9	26.9	27.3	31.6	25.8	79	84	70	80	78	80	77.7	------
18	60.05	60.19	61.26	58.90	59.10	60.77	60.04	26.3	25.7	30.1	30.3	27.7	26.6	27.8	31.1	24.8	80	81	64	59	70	75	71.5	2.5
19	60.01	59.95	60.73	58.87	58.84	59.89	59.72	24.8	25.9	29.2	30.3	27.7	26.9	27.5	30.9	24.7	84	84	72	68	79	82	78.2	8.4
20	59.13	59.69	60.84	58.68	58.64	59.61	59.43	25	24.4	29.4	30.2	27.9	26.7	27.3	30.9	23.1	90	91	73	70	75	82	80.2	4.5
21	58.91	59.42	60.95	59.17	59.44	60.74	59.77	26.1	25.9	28.9	30.7	27.6	26.3	27.6	31.1	25.2	89	88	76	69	79	85	81	------
22	59.90	60.54	61.56	60.15	59.73	61.20	60.51	25.3	25.5	29.4	27.3	26.6	26.4	26.8	30.6	24.4	87	87	71	83	86	87	83.5	2.1
23	60.12	60.95	62.18	60.37	60.61	62.19	61.07	26.1	26.3	29.9	30.8	27.6	26.7	27.9	31.1	25.7	89	86	71	69	81	79	79.2	------
24	61.19	61.74	63.26	61.33	61.62	62.71	61.98	25.4	25.7	27.3	27.7	26.5	26.2	26.5	30.6	24.4	86	83	76	77	77	78	79.5	------
25	61.54	61.95	63.04	61.08	60.66	62.25	61.75	25.5	25.9	27.9	28.3	26.8	26.3	26.8	28.7	24.7	80	80	70	71	75	77	75.5	.3
26	61.30	61.99	62.93	60.84	60.93	61.77	61.63	26	25.9	29.4	30.7	27.3	26.9	27.7	31.1	25.6	78	78	64	63	77	77	72.8	------
27	60.81	61.29	62.15	60.59	60.58	62.30	61.29	26.6	26.4	28.8	30.4	27.7	26.3	27.7	30.7	25.9	77	82	73	68	75	83	76.3	1
28	60.60	60.69	61.68	59.52	59.60	60.99	60.51	26.4	26.1	29.7	30.9	27.9	27	28	31.1	24.9	82	82	72	69	77	81	77.2	------
29	59.64	60.11	60.54	58.39	58.20	60	59.48	26.7	25.4	30.6	31.2	28.2	27	28.2	31.7	24.5	81	88	67	66	75	80	76.2	------
30	58.75	59.21	59.98	57.82	58.16	59.19	58.85	26.6	26.5	29.7	31.7	28	27.3	28.3	31.9	25.4	79	80	69	62	80	83	75.5	------
31	57.95	58.64	59.39	57.48	57.95	58.85	58.38	26.2	25.4	29.9	32.1	28.4	27	28.2	32.5	24.3	83	84	67	59	74	80	74.5	------
Mean	59.47	59.89	61.05	59.01	59.11	60.45	59.83	25.6	25.2	28.5	29.3	27	26.3	27	30.4	23.9	83.5	85.3	73.2	70.5	78.2	80.8	78.6	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	103.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NNE	NNE	NNE	N	NNE	NE	134.6	177.6	169.2	156.6	638	10	Ci.-S.	Fr.-N. NE	9	Ci.-S.	Cu.-N. NE
2	NNE	NE	NE	NE	NE	NE	135	118.8	122.6	131	507.4	10	Ci.-S.	Cu.-N. NE	9	Ci.-S.	Cu.-N. NE
3	NE	NE	NNE	NE	NE	NE	118.1	133	127.3	102.5	480.9	10	Ci.-S.	Fr.-N. NE	7	Ci.-S.	N. NE
4	NE	NE	NNE	W	NNE	NNE	79.4	54.1	41.2	61.5	236.2	10	Ci.-S.	N. NE	10	----------	N.
5	Calm	NNW	NE	ENE	NE	N	17.7	49.4	81	69.4	217.5	2	Ci.	Cu.	2	----------	Cu.-N. ENE
6	W	NNE	NE	NE	ENE	NNE	25.4	68.3	75.9	49.6	214.2	7	Ci.-S.	Cu.-N.	10	Ci.-S.	N.
7	NNE	WNW	Calm	NE	NE	N	27.1	23.8	66.3	35.1	152.3	10	Ci.-S.	N.	2	----------	Cu.-N.
8	Calm	Calm	NW	NE	ENE	NE	23.5	25.9	65	62	176.4	6	Ci.	Cu.	2	----------	Cu.-N.
9	ENE	Calm	ENE	E	NE	NE	30.8	-----	73.8	85	-------	6	Ci.	Cu. ENE	4	Ci.	Cu.
10	NNE	NNE	NNE	E	ENE	NE	73	63.8	75	47.8	259.6	4	Ci.	Cu.	7	Ci.	Cu.-N.
11	Calm	Calm	NE	NE	NNE	NE	2.7	51	83.9	85.9	223.5	6	Ci.	Cu.-N. NE	1	----------	Cu.
12	NE	NNE	NNE	NNE	ENE	NE	71.9	73.8	75	76.7	297.4	5	Ci.	Cu.-N. ENE	7	Ci.	Cu.-N. NE
13	NE	Calm	NE	E	NE	NNE	51	64.4	86.6	55.7	257.7	9	----------	N.	3	Ci.	Cu. ENE
14	NNE	NNE	NE	NE	NE	NE	58.9	83.5	100.3	69.5	312.2	4	Ci. NE	Cu.	8	A.-Cu.	Cu.-N. NE
15	NNE	N	NE	NE	ENE	NNE	88.8	126.8	108	85.5	409.1	6	Ci.	Cu.-N.	10	Ci.-S.	Cu.-N. NE
16	NE	NE	NNE	NE	NE	NE	75.4	91.1	86.6	98.5	351.6	9	Ci.-S.	Cu.-N. ENE	8	Ci.-S.	Cu.-N.
17	NNE	NE	ENE	NE	NE	NE	91.9	97.7	114.9	76.1	380.6	7	A.-Cu.	Cu.-N. E	10	Ci.-S.	N. FNE
18	NE	NNE	NE	ENE	ENE	NE	68.6	87.4	89.8	70.6	316.4	7	Ci.	Cu. E	2	Ci.	Cu.
19	NE	NE	NNE	E	NE	NE	54.7	103.6	99.5	88.7	346.5	4	----------	Cu.-N. NE	3	----------	Cu. ENE
20	NE	Calm	NE	NE	ENE	NE	68.2	52.5	89.8	64.2	274.7	10	Ci.-S.	Fr.-N. E	1	A.-Cu.	Cu.-N.
21	NE	NNE	NE	E	NE	NNE	44	72.4	84.3	57.4	258.1	8	Ci.-S.	Cu.-N. E	1	----------	Cu.
22	NNE	NNE	NE	ENE	NNE	NE	40.5	62	62.3	69.5	234.3	1	Ci.	Cu.	7	Ci.-S.	N. ENE
23	NE	NE	NE	NE	ENE	NE	69.4	82.7	104.1	96.9	353.1	9	Ci.-S.	Cu.-N. ENE	4	----------	Cu.-N. NE
24	NNE	NNE	NNE	NNE	NNE	NNE	87.4	102.5	115.6	130.2	435.7	6	Ci.	Cu.-N. NE	7	Ci.	Cu.-N. NE
25	NE	NE	ENE	N	ENE	NNE	133.4	123.1	117.3	118.9	492.7	10	Ci.-S.	Fr.-N. NE	7	A.-Cu.	Cu.-N. NE
26	NE	NE	NE	NE	NE	ENE	107.6	98.2	104.9	110.8	421.5	4	A.-Cu.	Cu.-N. NE	7	A.-Cu.	Cu.-N. NE
27	ENE	NE	NE	NE	NE	NNE	90.6	99.2	84	-----	-------	5	Ci.	Cu. ENE	6	----------	Cu.-N. ENE
28	NNE	NNE	NE	NE	NE	NNE	-----	-----	96.4	70.6	-------	2	----------	Cu.	2	----------	Cu.-N.
29	NNE	N	NE	NE	NE	NE	71.3	72.6	89	82.7	315.6	6	----------	Cu.-N. E	2	----------	Cu.-N. ENE
30	NE	NNE	NNE	NE	NE	NE	75	108.47	114.5	78.7	376.6	6	Ci.-S.	Cu.-N. ENE	3	Ci.	Cu.-N. ENE
31	NE	NNE	NE	NE	NE	NE	51.2	68.2	70	71.4	260.8	7	Ci.	Cu.	7	Ci. E	Cu.-N. NE
Mean	-----	-----	-----	-----	-----	-----	68.9	83.8	92.7	82	328.6	6.6	----------	----------	5.4	----------	----------

LEGASPI.

[ϕ=13° 09′ N; λ=123° 45′ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.77 mm.]

APRIL, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2. p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.83	57.69	58.51	56.64	56.89	57.97	57.59	24.3	22	29.6	31.3	27.8	26.5	26.9	31.5	21.7	97	96	66	61	76	77	78.8	------
2	57.26	58.05	59.50	57.60	58.10	59.99	58.42	23.7	24	29.5	31.5	28.6	26.6	27.3	31.5	22.3	79	83	66	60	70	80	73	------
3	59.35	59.92	60.55	58.84	58.39	59.98	59.50	23.7	22.5	30.2	32.4	28.5	27	27.4	33	22	86	91	67	60	79	81	77.3	------
4	59.84	60.58	61.05	59.09	59.01	60.95	60.09	23.3	22.5	30.5	31.6	28.8	27	27.3	32.2	22.2	91	92	63	60	68	73	74.5	------
5	60.19	60.61	61.58	60	60.80	62.37	60.92	24.2	23.1	29.3	29.7	24.7	26.3	26.2	31.2	22.2	88	93	70	69	92	84	82.7	4.6
6	61.31	61.62	62.64	60.79	61.64	62.95	61.82	26	25.9	28.1	29.7	26.2	27.1	27.2	30.9	25.5	83	81	72	66	82	80	77.3	3.8
7	61.96	62.26	63.23	61.83	62.50	63.67	62.58	25.9	24.5	29.5	30	27.7	27	27.4	31.3	24.4	86	91	71	69	75	73	77.5	------
8	62.79	62.75	62.59	60.45	60.48	61.81	61.81	26.2	26.5	28.2	28.9	27.2	27.1	27.4	30.5	25.6	77	80	76	72	82	82	78.2	5.1
9	60.80	60.76	61.86	60.06	60.06	61.40	60.82	25.8	26.2	26.4	28.5	27.5	25.9	26.7	30.1	24.6	88	87	94	82	81	88	86.7	7.9
10	60.76	60.84	61.98	60.13	60.19	61.24	60.86	25.5	25.6	29	30.5	28.4	26.1	27.5	31.6	24.5	87	88	78	70	75	84	80.3	1.1
11	60.69	60.31	61.58	59.53	59.63	61.24	60.50	26.2	26	28.7	30.6	27.9	26.5	27.6	31.5	25.1	87	88	78	67	78	86	80.7	7.4
12	60.06	60.12	61.79	59.76	60.01	61.49	60.54	26	26.9	26.5	29.2	27.9	27.1	27.3	30.1	25	87	81	91	81	82	87	84.8	14.2
13	60.20	60.29	61.51	59.93	59.55	61.15	60.44	27	26.6	30.5	28.4	28.1	26.9	27.9	31.6	25	86	86	68	81	79	86	81	5.6
14	59.99	60.02	61.11	59.69	59.35	60.60	60.13	25.7	25.5	29	30.5	28	26.6	27.6	31.4	25	92	92	77	70	77	83	81.8	------
15	59.20	59.12	60.04	58.30	58.41	59.80	59.14	26.1	26	30	31.1	28.5	27	28.1	31.8	25.6	85	84	65	66	71	77	74.7	------
16	58.43	58.21	59.45	57.39	57.25	58.20	58.16	26	24.6	30	30.5	27.5	27.6	27.7	31.6	24.2	80	87	69	66	81	81	77.3	------
17	55.85	55.62	56.29	53.91	53.68	54.62	55	27.3	27.4	25.4	25.6	26.9	27	26.6	27.6	23.7	83	84	86	85	80	81	83.2	47.9
18	54	53.88	54.55	53.72	54.45	56.09	54.45	25.5	25.6	30	30.1	26.9	25.1	27.2	32.5	24.2	88	87	67	73	81	88	80.7	1.3
19	55.61	55.67	56.86	55.50	55.91	57.12	56.11	24.4	24.5	29.8	29.6	27.7	24.9	26.8	31.7	23.7	91	91	67	70	82	92	82.2	------
20	56.62	56.68	57.15	55.54	55.16	56.55	56.28	23.8	23	30.2	30.6	29	25.5	27	31.5	22.5	91	93	67	68	76	88	80.5	------
21	55.70	56.45	57.50	55.54	55.62	56.70	56.25	23.6	22.5	29.7	31.2	25.6	25	26.3	31.8	22.2	88	95	64	62	92	92	82.2	14.3
22	56.68	57.27	57.70	55.73	56.03	57.10	56.75	24.7	24.4	29.5	32	28	27.1	27.6	32.1	23.4	93	93	75	64	84	84	82.2	1.8
23	55.96	56.68	57.49	55.47	55.25	56.92	56.30	25.4	22.5	30.2	32.1	29.2	27.7	27.8	32.5	22	87	94	63	63	76	81	77.3	------
24	56	57.01	57.65	55.68	55.75	57.54	56.60	26.7	25.8	30.4	31.6	29.2	27.6	28.6	32.5	25.4	85	88	70	69	75	84	78.5	------
25	56.81	57.56	58.55	56.88	56.78	58.47	57.51	27.2	26.1	30.4	31.5	28.5	27.6	28.6	32	25.5	84	87	68	66	78	81	77.3	------
26	57.61	58.54	59.55	57.72	58.53	59.78	58.62	25.8	24.2	31.5	32.8	28.4	27.5	28.4	32.8	24	92	93	69	64	78	83	79.8	------
27	57.76	57.84	59.53	57.89	58.31	59.96	58.55	26.5	24.8	31	31.5	29	27.6	28.4	32.6	24.4	85	91	71	70	76	80	78.8	------
28	57.86	58.51	59.53	57.67	57.73	59.08	58.40	26.8	26.6	31.2	32	28.7	27.9	28.9	32.1	26.4	84	84	69	66	77	80	76.7	2
29	57.64	58.32	59.48	57.54	57.68	58.86	58.25	27	26.5	27.4	31.1	28.5	27	27.9	31.6	25.1	86	87	83	71	78	86	81.8	4.1
30	57.95	58.57	59.94	58.34	58.33	59.58	58.78	26.8	26.7	30.9	31.1	29	27.6	28.7	31.9	26.4	86	86	68	68	75	81	77.3	------
Mean	58.42	58.72	59.69	57.91	58.05	59.44	58.71	25.6	25	29.4	30.6	27.9	26.8	27.5	31.6	24.1	86.7	88.4	71.9	68.6	78.5	82.8	79.5	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	121.1

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	N	Calm	NE	E	NE	NE	37.5	49.7	72.6	42	201.8	5	Ci.-S.	Cu. NE	6	Ci.-S.	Cu.
2	Calm	N	NE	ENE	NE	N	39.7	58.1	56.5	63.4	217.7	6	Ci.-S.	Cu.	3	Ci. SW	Cu.
3	Calm	W	NE	NE	NE	N	24.3	45.9	82.1	68.9	221.2	5	Ci. E	Cu.	6	Ci. ESE	Cu.
4	Calm	Calm	NE	NE	NE	N	19.5	51.3	92.5	84.3	247.6	6	Ci. ENE	Cu.	5	Ci. W	Cu.
5	N	Calm	NE	NE	NNE	N	34	48.3	90.3	64.4	237	5	Ci.	Cu. ENE	4	----------	Cu.-N. NE
6	N	NNE	NE	NE	NE	NE	96	102.5	119.3	100.6	418.4	4	A.-Cu. S	Cu.	6	A.-Cu.	Cu.-N. NE
7	NE	NNE	NE	NE	NE	NE	97.7	106	114.1	113.2	431	9	Ci.-S.	Fr.-N. ENE	3	----------	Fr.-Cu. ENE
8	N	NNE	NE	NNE	N	NE	114.1	108.6	93.8	89	405.5	9	Ci.-S.	N. ENE	10	Ci.-S.	Cu.-N. ENE
9	N	NNE	ENE	NE	NE	NE	82.4	99.2	112.5	85.3	379.4	4	----------	Fr.-Cu. ENE	8	Ci.-S.	Fr.-N. ENE
10	N	NNE	NE	NE	NE	NNE	33	68.9	93.6	90.1	285.6	4	----------	Cu.-N. NE	2	----------	Cu. ENE
11	NNE	NNE	NE	ENE	NE	NE	72.4	99.5	111.8	98.2	381.9	3	Ci.	Cu.-N. ENE	3	----------	Cu.-N. ENE
12	E	NE	NE	NE	NE	NE	100.6	102.8	93.6	93.5	390.5	7	Ci.-S.	Fr.-N. ENE	3	----------	Cu.-N. ENE
13	NE	NE	NE	NNE	NE	NE	84.5	95.6	95.6	88	363.7	6	Ci.	Fr.-Cu. ENE	6	----------	Cu.-N. ENE
14	N	NE	NE	NE	NE	NNE	57.3	57.9	77	70.8	263	10	Ci.-S.	Fr.-N. ENE	2	Ci.	Cu. ENE
15	NNE	NNE	NNE	ENE	NE	NNE	80.3	90.7	78.6	80.7	330.3	4	Ci.	Fr.-Cu. ENE	3	Ci.	Cu. E
16	NNE	N	N	NNE	N	N	67.1	91.1	121.8	85.1	365.1	6	Ci.-S. W	Cu.	7	Ci.-S.	Fr.-Cu. NE
17	NNE	NNE	N	NNW	N	NNW	88.8	95.3	120.1	96.6	400.8	10	Ci.-S.	N. NE	10	Ci.-S.	Fr.-N. NNE
18	W	W	N	W	W	SW	62.6	64.2	72.1	61	259.9	9	Ci.-S.	N. NW	9	Ci.-S.	Cu.-N. NW
19	SW	WSW	W	N	Calm	Calm	62.6	72.6	64.9	11.8	211.9	2	Ci.	Cu.	6	----------	Cu.-N. WNW
20	Calm	Calm	ENE	NE	NE	Calm	18.8	32.7	50.4	24.1	126	0	----------	----------	8	Ci.-S.	Cu.-N. W
21	Calm	Calm	NE	NE	E	Calm	11.8	32.8	50.4	11	106	1	Ci.	Cu.	6	Ci.	Cu.-N. WNW
22	Calm	Calm	NE	E	Calm	NE	13.5	30.3	41.8	26.9	112.5	6	Ci.	Cu. W	3	----------	Cu. WNW
23	Calm	Calm	ENE	ENE	N	NE	12.9	26	43.3	41.5	123.7	0	----------	----------	1	----------	Cu.
24	E	Calm	NE	NE	NE	ENE	27.2	38	56.1	63.8	185.1	1	----------	Cu.	1	A.-Cu.	Cu.
25	NE	Calm	NE	ENE	ENE	NE	29.3	51.3	80.3	64.7	225.6	0	----------	----------	1	----------	Cu.
26	Calm	Calm	NE	NE	NE	N	17.5	50.2	78.9	52.6	199.2	0	----------	----------	4	Ci.	Cu.-N. NE
27	N	Calm	NE	ENE	NE	NE	27.7	55	86.9	56.3	225.9	0	----------	----------	2	Ci.	Cu. NE
28	N	Calm	ENE	NE	NE	NNE	39.7	68.4	66.6	58.9	223.6	2	Ci.	Cu. ENE	5	Ci.-S. W	Cu.
29	N	NE	NNE	NE	NE	Calm	45.9	54.4	70	40.5	210.8	3	Ci.	Cu.-N. E	3	Ci. SW	Cu.
30	N	NNE	NE	NE	NE	NE	56.1	67.8	88.8	62.8	275.5	3	----------	Cu.-N. ENE	2	----------	Cu. ENE
Mean	------	------	------	------	------	------	51.8	66.8	82.5	66.3	267.5	4.3	----------	----------	4.6	----------	----------
Total	------	------	------	------	------	------	------	------	------	------	8,026.2	----	----------	----------	----	----------	----------

LEGASPI.

[ϕ=13° 09′ N; λ=123° 45′ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.77 mm.]

MAY, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.65	58.83	60.15	57.35	58.05	58.61	58.61	26.3	26	31.2	30.4	26	26.9	27.8	32.5	25.4	84	84	61	68	92	88	79.5	1.5
2	57.53	57.56	58.50	56.60	56.03	56.80	57.17	27	26.5	31	30.3	28.2	27.6	28.4	31.5	25.7	86	84	65	70	83	87	79.2	4.9
3	55.34	55.77	57.83	55.73	55.79	56.12	56.43	27.4	26.1	25.6	26.7	25.7	27	26.4	27.9	24.8	87	94	94	89	93	85	90.3	117.2
4	56.67	56.83	58.36	57.36	57.72	58.39	57.56	26.2	27	30.3	26.3	25.9	26.4	27	30.6	25.1	89	88	72	89	91	89	86.3	23.1
5	57.25	56.64	58.37	57.17	57.49	58.37	57.55	24.7	26.3	26.4	26.4	26	25	25.8	27.2	24.2	96	88	90	92	89	95	91.7	63.6
6	57.43	57.01	59.12	56.49	56.70	58.02	57.46	24.2	25.8	24.2	29.6	27.3	26.5	26.3	30.2	23.2	98	97	94	84	87	91	91.8	96.2
7	57.15	57.06	58.29	56.99	57.08	58.72	57.55	25.9	26	29.5	31.1	28.6	27	28	31.3	25.2	93	95	81	77	82	87	85.8	14.8
8	57.83	58.89	59.92	58.28	58.57	59.70	58.86	26	25.4	26.9	30.5	28	25.6	27.1	30.8	25	91	93	90	75	83	88	86.7	11.9
9	59.34	59.60	60.31	58.78	58.98	60.10	59.52	25.3	26	29.3	30.9	28	27	27.8	31.1	25	90	92	83	73	83	85	84.3	2.3
10	59.10	59.03	60.36	57.85	57.98	59.28	58.93	26.6	26.7	26	30.6	28.6	27.6	27.7	31	25.8	86	90	92	76	80	86	85	10.4
11	58.34	58.47	59.42	57.16	57.18	58.81	58.23	26.9	26.7	30.7	31.4	28.5	26.4	28.4	32	25.9	87	87	69	66	78	88	79.2	------
12	58.22	58.77	59.59	57.21	57.78	59.08	58.43	25.8	24	30.2	31.9	28.7	27	27.9	32.1	23.5	82	92	63	60	78	87	77	.8
13	57.86	58.06	53.55	57.26	57.80	58.24	57.96	25.2	24.4	30.4	26.1	26.4	25.5	26.3	31.5	23.9	92	96	72	88	90	93	88.5	23.6
14	57.27	57.43	57.88	56.04	56.19	57.77	57.10	24.7	23.5	29.3	30.5	27.6	26.1	27	31.4	23	92	96	70	68	84	92	83.7	.8
15	56.67	56.69	58.24	56.89	56.67	58.32	57.25	25.2	25	29.3	27.9	27.7	27.4	27.1	30.2	24.6	96	96	76	79	80	81	84.7	------
16	58.17	58.45	60.11	58.24	58.76	60.31	59.01	27	25.8	29	30.8	29.1	27.6	28.2	32.6	25.6	83	89	72	63	74	80	76.8	25.9
17	59.20	59.64	60.74	59.12	58.84	60.43	59.66	25.8	25	29.9	31.5	29.4	27.9	28.2	31.5	24.6	90	92	73	70	72	79	79.3	6.9
18	59.17	59.09	59.68	58.17	57.66	58.65	58.74	26.9	25	30.7	31.2	29	27.6	28.4	31.4	24.3	82	92	70	70	77	82	78.8	------
19	57.95	57.93	58.95	57.21	57.11	58.49	57.94	27.1	25.8	30.6	31.5	29.3	27.1	28.6	32.1	25.2	83	89	70	68	75	87	78.7	------
20	57.94	58.17	59.13	57.52	57.59	58.79	58.19	26.7	24.7	30.6	32	29.5	28.6	28.7	32.2	24.4	84	94	70	66	76	80	78.3	------
21	58	57.96	58.82	57.51	57.19	58.03	57.92	27.2	27	31.2	31.9	29.6	28.3	29.2	32.5	26.6	84	84	66	67	77	82	76.7	------
22	56.97	57.57	58.76	57.25	57.98	58.48	57.84	28	27.9	27.3	30.4	25.6	26.8	27.7	30.6	25.1	83	84	86	74	89	85	83.5	2.1
23	57.86	57.93	58.79	57.32	57.25	57.75	57.82	26.9	26.5	31	31.6	30.3	28	29	32.2	25.9	86	88	67	65	68	82	76	------
24	57.25	57.57	59.24	57.39	57.19	58.40	57.84	27.5	26.9	26.6	30.7	28	26.9	27.8	31.1	26	84	86	89	69	85	85	83	13.7
25	57.37	57.55	58.33	56.88	57.02	57.55	57.45	26.7	27.4	29.4	29.9	28.1	28	28.2	32.1	26.2	86	88	77	75	85	85	82.7	15.5
26	56.27	56.45	57.44	56.18	56.34	57.46	56.69	27.2	27	28.7	29.1	28.6	27.4	28	31	26.2	90	92	81	81	78	84	84.3	25.9
27	57.07	57.27	57.76	55.79	55.81	57.35	56.84	26.5	26.4	29.9	31	28.8	27.9	28.4	31.3	25.9	90	89	73	69	79	84	80.7	16
28	56.12	56.57	57.26	56.09	56.11	57.80	56.66	27.5	26	29.8	31.8	29.3	26.5	28.5	31.8	25.4	83	92	73	67	80	92	81.2	.8
29	56.58	56.76	57.51	55.74	56.21	57.78	56.76	24.9	24.5	30.7	31.4	29.7	25.1	27.7	31.8	24.1	98	96	70	68	71	92	82.5	------
30	56.83	57.77	58.60	56.81	57.01	58.67	57.62	24	23.5	30.6	31.9	29.3	25.6	27.5	32.4	22.8	95	96	70	66	74	92	82.2	------
31	57.98	57.86	58.59	56.96	56.75	58.95	57.85	24.7	24.5	30.3	32.1	29.3	26	27.8	32.5	24.1	95	95	71	65	72	87	80.8	------
Mean	57.59	57.78	58.86	57.14	57.25	58.49	57.85	26.2	25.8	29.2	30.3	28.2	26.9	27.8	31.3	24.9	88.5	90.9	75.8	72.8	80.8	86.5	82.6	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	477.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	N	N	NE	NE	N	NNE	40.2	70.3	82.1	71.9	264.5	0			4	Ci.-S.	Cu. ENE
2	NE	N	N	NNE	N	NNE	71.1	89.9	90.3	102.8	354.1	6	Ci.	Cu. NE	9	Ci.-S.	Cu. NE
3	N	NNE	NNE	NNE	NNE	NE	109.9	70.2	101.2	112	393.3	10	Ci.-S.	Fr.-N. NE	10	Ci.-S.	Fr.-N.NE
4	NE	NE	NE	NE	N	N	94.8	77.4	71.6	78.6	322.4	10	Ci.-S.	Fr.-N. ENE	10	Ci.-S.	Fr.-N. E
5	N	N	NE	NE	Calm	NNW	85.3	83.5	44.3	23.1	236.2	10	Ci.-S.	Fr.-N. NE	10	Ci.-S.	Fr.-N. E
6	Calm	N	W	NE	N	NE	40.5	66.2	72.4	55.8	234.9	10	Ci.-S.	N.	3	Ci.	cu.-N.ENE
7	Calm	NE	NE	NE	NE	NE	38.6	71.4	89.1	51.2	250.3	8		cu.-N. ENE	2		Cu.-N. E
8	NNE	Calm	NE	NE	NE	NE	50.4	48.3	80.5	65.2	244.4	3	Ci.	Cu. E	1		Cu.
9	NE	NNE	NE	NE	NE	N	58.7	64.9	88.7	60.6	272.9	1	A.-Cu.	Cu.	2		Cu. E
10	N	NNE	E	ENE	E	NNE	73.5	45.6	62.8	43.1	225	5		Cu.-N. E	3	Ci.	cu.-N. ESE
11	NE	Calm	NE	NE	NE	Calm	27.7	49.9	58.7	30.3	166.6	3	Ci.	Cu. E	2	Ci.	Cu.-N.
12	Calm	Calm	NE	ENE	Calm	NE	9.9	23.9	32	28	93.8	3	Ci.	Cu.	6	Ci.	Cu.-N. SW
13	Calm	Calm	ENE	Calm	Calm	Calm	9.9	24.6	21.7	7.8	64	3	Ci.	Cu.	10	Ci.-S.	Fr.-N. W
14	Calm	Calm	E	NE	Calm	Calm	10.3	17.2	27.7	7.7	62.9	3	A.-Cu. WSW	Cu.	6	Ci.-S.	cu.-N.WSW
15	Calm	Calm	ENE	NNW	NE	Calm	4.5	35.9	50.5	37	127.9	9	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N. SE
16	NNE	Calm	ESE	ESE	E	NE	35.9	39.7	64.9	49.4	189.9	4	A.-Cu. WSW	Cu.	8	Ci.-S. NNW	cu.-N.ENE
17	E	ESE	NE	NNE	E	N	33.2	52.9	74.6	63	223.7	9	Ci.-S.	Cu.-N. ESE	2		Cu.-N.
18	N	Calm	ENE	NE	NE	NNE	28.5	49.4	82.6	61	221.5	2	Ci.	Cu. ENE	5	Ci.	cu.-N.ENE
19	E	Calm	ENE	E	NE	NE	38.3	44.5	61.2	32.2	176.2	1		Cu. E	1		cu.-N. ESE
20	E	Calm	NE	NE	E	NE	16.17	29.87	68.4	42.3	156.6	0			1		Cu.-N.
21	NE	ENE	NE	ENE	E	NNE	46.2	43.5	70	44.3	204	3	Ci.	Cu. ENE	7	Ci.-S.	Cu. ENE
22	NNE	ENE	ENE	ENE	NNE	NE	48.3	59.2	70.5	26.4	204.4	8	Ci.-S.	Cu.-N. SE	9	Ci.-S.	cu.-N. ESE
23	N	NNE	NE	NE	NE	NNE	41.8	67.6	77.2	67.3	253.9	2	Ci. W	Cu. ENE	5	Ci.	Cu.-N. E
24	NNE	Calm	Calm	NE	E	ENE	38	30	59	69.7	196.7	6	Ci.-S.	Cu.-N. E	8	Ci.-S.	Cu.-N.
25	NE	NE	ENE	NNE	NNE	NNE	64.1	67	81.1	76.4	288.6	3	Ci.-S.	Cu.-N. ENE	5	Ci.	Cu.-N.NE
26	NE	NE	ENE	ENE	NE	ENE	94.4	109.9	118.6	66	388.9	6	Ci.	Cu.-N. E	9	Ci.-S.	N.
27	Calm	E	NE	ENE	E	N	37.3	64.1	85	55	241.4	2	Ci.	Cu. SE	2	Ci.	Cu. SSE
28	N	Calm	NE	E	N	Calm	26.8	33.3	47.7	8.9	116.7	3		Cu.-N. ENE	4	Ci.	Cu.-N. SE
29	Calm	Calm	NE	E	NE	Calm	7.5	45.7	81.1	19.6	153.9	2	Ci.-S.	Cu.	1		Cu.-N.
30	Calm	Calm	NE	E	ENE	Calm	13.9	28.4	51	19.8	113.1	3	Ci. W	Cu.	6	Ci. NE	Cu.-N.
31	Calm	Calm	E	E	ENE	Calm	9.7	22	59.7	12.4	103.8	3	Ci.	Cu. ENE	5	Ci.	Cu.-N.
Mean	------	------	------	------	------	------	42.1	52.5	68.6	48	211.2	4.5	------	------	5.4	------	------
Total	------	------	------	------	------	------	------	------	------	------	6,546.5	----	------	------	----	------	------

LEGASPI.

[ϕ=13° 09′ N; λ=123° 45′ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.77 mm.]

JUNE, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.70	57.74	58.65	57.14	56.95	58.54	57.79	24.3	23.5	30.4	31.7	30.6	25	27.6	32.4	23.1	94	96	70	65	58	87	78.8	------
2	57.76	57.10	57.68	55.93	55.51	57.65	56.94	23	22.7	30.6	32.9	30.3	28.1	27.9	33.2	22	93	94	67	59	72	80	77.5	------
3	57.01	57.19	57.36	56.11	56.06	58.07	56.97	27.2	24.6	31.7	32.5	30.2	27.2	28.9	33	24.2	84	94	65	66	73	87	78.2	------
4	57.18	57.11	57.35	56.14	56.61	58.09	57.08	25.6	25	31.8	32.6	27.5	25.8	28	33.1	24.7	93	92	63	63	84	90	80.8	------
5	57.11	57.34	57.68	56.17	56.10	57.37	56.96	27	26.6	30.8	31.6	28.9	27.6	28.8	32.2	25.4	90	91	71	68	76	84	80	------
6	56.11	56.25	57.10	55.69	55.17	56.48	56.13	27.1	25	29.7	27	26.1	24.5	26.6	30.4	23.7	85	96	73	67	72	82	79.2	1.8
7	56.24	56.34	56.76	54.89	55.38	56.42	56	23.6	24.4	30.3	31.4	29.3	28.4	27.9	32.4	23.3	86	93	70	67	74	78	78	------
8	55.67	56.10	56.27	54.79	55.03	56.63	55.75	26.6	25.5	30.1	31.9	29.3	26.9	28.4	32.1	24.9	86	91	73	67	78	86	80.2	------
9	55.64	55.93	56	54.82	55.38	56.67	55.74	25	24	30.5	31	29	27.1	27.8	32	23.9	94	96	72	71	78	85	82.7	1.8
10	55.49	56.20	56.56	55.03	55.42	56.49	55.86	25.7	25	30.6	29.5	28	27.9	27.8	33	24.6	93	95	67	77	82	82	82.7	.5
11	55.22	56.07	56.25	53.95	54.46	56.17	55.35	26.3	25.5	30.1	32.9	26.9	26.4	28	33	24.9	88	93	73	61	89	89	82.2	1.8
12	54.66	54.56	54.57	53	53.75	55.51	54.34	24.2	25	29.2	30.9	27.7	24.5	26.9	31.2	22.2	97	92	78	71	80	92	85	44.9
13	54.53	54.72	54.20	53.63	54.54	55.69	54.55	24.7	24.9	26.1	28.7	24.7	25	25.7	29	23.4	92	92	92	83	92	92	90.5	12.7
14	54.85	54.96	55.68	55.07	55.44	56.35	55.39	25.2	25.1	28.5	29.7	27.9	25	26.9	30.1	24	92	95	79	74	82	91	85.5	3.3
15	55.25	55.23	55.87	54.71	55.03	56.04	55.36	25.2	25.4	29.7	32	28.9	27.1	28	32.4	24.9	90	89	71	63	75	86	79	------
16	54.69	54.82	55.66	54.19	54.30	56.32	55	26.7	26.6	30.7	32.4	29.3	27.1	28.8	32.6	26	88	88	69	63	78	88	79	------
17	55.15	55.56	56.08	54.82	55.01	56.67	55.55	26.4	26	30.9	28.6	28.5	28	28.1	33	25.5	90	89	70	83	83	85	83.3	------
18	56.13	56.96	56.98	55.61	56.25	57.32	56.54	26.2	25.1	29	31.9	29	27.8	28.2	32.6	24.5	91	94	74	67	79	83	81.3	6.9
19	56.83	57.27	57.22	56.18	56.46	57.94	56.98	26.5	25.5	28.3	30.3	28.5	26.1	27.5	31	25	88	93	82	72	82	92	84.8	3.3
20	57.05	57.54	57.63	56.36	56.46	57.69	57.12	25.2	24.8	27.7	30.1	27.7	26.6	27	31	24.4	93	92	86	73	84	91	86.5	------
21	57.08	57.06	56.95	56.12	56.63	58.34	57.03	25.3	25.5	31.2	29.7	27.1	25	27.3	32	24	95	94	68	76	87	92	85.3	37.6
22	57.50	58.51	58.36	58.30	57.63	59.29	58.26	23.6	23	29.2	24	25.3	24.6	25	30.5	22.6	94	94	79	93	90	95	90.8	61.8
23	58.20	58.75	58.93	58.16	58.46	59.64	58.69	24.1	24	29.6	30.3	27.2	25	26.7	32 ?	23.5	97	96	70	69	84	92	84.7	------
24	58.65	59.24	59.76	58.24	58.75	60.28	59.15	24.4	23.6	31.1	31.5	29.1	25.6	27.6	32.6	23.2	91	95	70	70	78	95	83.2	------
25	59.23	60.21	60.62	59	59.35	60.93	59.89	25	24.7	30.2	30.3	28.9	26.4	27.6	32.4	24	97	97	71	76	78	91	85	------
26	59.27	59.68	59.80	58.21	58.97	60.32	59.38	25.3	25.1	32	30.5	27.4	25.6	27.6	33	24.6	95	95	66	70	87	92	84.2	------
27	58.76	58.98	59.31	57.28	58.14	59.33	58.63	25	24.5	31.4	30.8	27.4	26	27.5	33.3	23.7	91	92	66	69	84	92	82.3	------
28	58.55	58.94	58.96	57.78	58.59	60.02	58.81	25.1	24.6	30.4	28.4	27.6	26	27	32.3	24	93	95	72	77	86	92	85.8	.3
29	58.90	59.67	59.96	58.46	58.12	59.84	59.16	24.7	24.5	27.1	30.7	27.9	25.1	26.7	31	24.1	97	97	87	70	78	90	86.5	37.8
30	59.29	59.88	59.38	57.65	58.30	59.21	58.95	24.8	24	26.3	30.6	28.6	27.3	26.9	31.1	23.5	90	95	85	67	78	78	82.2	1.8
Mean	56.86	57.20	57.45	56.11	56.41	57.84	56.98	25.3	24.8	29.8	30.5	28.2	26.3	27.5	32	24.1	91.6	93.5	73.3	70.6	80	88	82.8	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	216.3

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Mid-night.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	Calm	E	E	NNE	Calm	10.2	27.4	56.3	12.9	106.8	4	Ci.	NE	Cu.	3	Ci.	Cu.
2	Calm	Calm	NE	NE	NE	NE	16.1	18.2	47	36.7	118	1	Ci.		Fr.-Cu. ENE	2	----------	Cu.-N.
3	Calm	Calm	NE	E	NE	Calm	24.7	29.5	39.6	19.1	112.9	8	Ci.-S.		Cu.-N.	8	Ci.-S.	Cu.-N. NE
4	Calm	Calm	NE	ENE	SW	Calm	18.5	37	72.4	17.7	145.6	6	Ci.-S.		Cu.-N. ESE	4	Ci.	Cu. E
5	N	Calm	ENE	NE	ENE	ENE	32.2	40.2	76.6	42.4	191.4	3	Ci.		Cu. E	6	Ci.-S.	Cu.-N. SE
6	NNE	Calm	E	SSE	ENE	Calm	35.4	41.8	54.2	18.2	149.6	2	Ci.		Cu.	10	Ci.-S.	N.
7	Calm	Calm	NE	E	E	ENE	16.1	29.8	71.6	67.6	185.1	6	Ci.		Cu.-N. E	6	A.-Cu. E	Cu.-N.
8	Calm	Calm	NE	ENE	NE	Calm	19.3	37	93.8	39.1	189.2	3	Ci.-S.		Cu.	7	Ci.	Cu.-N. ESE
9	Calm	WSW	NE	NE	E	N	19.1	39.4	81.3	49.9	189.7	6	Ci.-S.		Cu.	9	Ci.-S.	Cu. E
10	SW	Calm	S	E	NE	ENE	23.8	35.6	64.4	42.8	166.6	5	Ci.	NW	Cu.	10	Ci.-S.	Fr.-N. SE
11	Calm	WSW	SSW	SSW	S	W	27.4	52.3	49.7	53.3	182.7	7	Ci.-S.		Cu. SSW	8	Ci.-S.	Cu.-N. SW
12	SW	WSW	SW	SW	S	SW	39.4	72.9	76.7	59.5	248.5	10	Ci.-S.		N. WSW	8	Ci.-S.	Cu.-N. WSW
13	SW	S	SW	SW	SW	SW	33.8	56.3	86.9	61.2	238.2	10	Ci.-S.		N. WSW	10	Ci.-S.	N. WSW
14	SW	SW	SW	WSW	WSW	SW	52.3	73.2	76.6	65	267.1	10	Ci.-S.		N. WSW	10	Ci.-S.	N. SW
15	SW	SSW	SW	SW	WSW	SW	55.3	101.7	110.7	55.7	323.4	10	Ci.-S.		Cu. WSW	7	A.-Cu.	Cu.-N. WSW
16	SW	SW	SW	SW	SW	SW	57.9	91.7	93.3	35.4	278.3	7	A.-Cu.	WSW	Cu. WSW	7	Ci.	Cu.-N. WSW
17	SW	SSW	SW	WSW	W	E	52.3	63.6	47.7	22.7	186.3	9	Ci.-S.		Cu. WSW	10	Ci.-S.	Cu. WSW
18	Calm	Calm	NE	E	N	N	17.2	25.1	68.2	33.6	144.1	6	Ci.-S.		Cu.	3	Ci. NW	Cu.
19	SE	Calm	E	SE	SW	WSW	25.2	26.6	50.7	40.2	142.7	10	Ci.-S.		N.	6	Ci.	Cu.-N. S
20	SW	WSW	SW	SW	SW	SW	33.8	64.4	70.8	45.1	214.1	8	Ci.-S.		Cu.	10	Ci.-S.	Cu-N. WSW
21	SW	SW	SW	Calm	WSW	SW	50.7	70.5	31.7	56.9	209.8	4	A.-Cu.	WSW	Cu.	9	Ci.-S.	N. WSW
22	SW	SW	SW	WSW	SW	Calm	47	37.6	56.8	18.8	160.2	2	A.-Cu.	WSW	Cu.	10	Ci.-S.	N.
23	WSW	Calm	SW	NE	W	W	19.3	30.6	49.9	33.8	133.6	8	A.-Cu.	E	Cu.	8	Ci.-S.	Cu.-N.
24	SW	Calm	NE	ENE	NE	ENE	18.8	55.2	66	23	163	8	Ci.	SW	Cu.	5	Ci.	Cu. ENE
25	Calm	E	ENE	E	NE	Calm	18.8	36	48.5	16.6	119.9	6	Ci.	SW	Cu.	9	Ci.-S.	Cu. W
26	Calm	E	E	S	Calm	Calm	14.8	42.1	43.7	17.2	117.8	4	Ci.	N	Cu.	9	Ci.-S.	Cu.-N. SW
27	SW	WSW	SSW	SSE	SW	SW	23.1	47	52.9	24.1	147.1	1	Ci.		Cu.	8	Ci.-S.	Cu.-N. SSW
28	SW	SW	WSW	W	SW	W	23	38.9	45.1	24.3	131.3	6	Ci.	NW	Cu.	7	Ci.	Cu.-N.
29	S	Calm	SE	E	NNE	Calm	23.9	25.7	58.9	30.9	139.4	10	Ci.-S.		N.	6	Ci.	Cu.-N. NE
30	Calm	W	S	NE	NE	E	23.1	36.5	62.8	37.8	160.2	9	Ci.-S.		N.	5	Ci.-S.	Cu.-N.
Mean	------	------	------	------	------	------	29.1	46.1	63.5	36.7	175.4	6.1	----------		----------	7.3	----------	----------
Total	------	------	------	------	------	------	------	------	------	------	5,262.6	----	----------		----------	----	----------	----------

LEGASPI.

[ϕ=13° 09′ N; λ=123° 45′ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.77 mm.]

JULY, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.99	57.91	58.68	57.46	57.13	58.39	57.93	25.1	25.5	30	30.3	27.2	25.5	27.3	31.2	24.2	92	92	71	71	84	92	83.7	1.3
2	57.93	58.09	59.19	57.03	57.84	58.67	58.12	24.9	24.5	25.4	28.6	27.1	26.2	26.1	30.5	23.4	91	92	92	77	83	90	87.5	5.1
3	57.60	57.83	58.62	57.56	56.93	58.67	57.87	26.1	25.9	29.2	27.3	27.4	27.2	27.2	31.6	25.8	89	89	77	84	85	84	84.7	6.1
4	57.23	57.84	58.58	57.80	58.18	59.07	58.12	26	24.2	30.5	28.7	28.9	26.1	27.4	31.7	23.5	86	94	68	75	81	91	82.5	13.5
5	58.77	59.41	58.78	57.61	58.37	60.01	58.82	25.2	25	30.3	30.9	26.4	25.8	27.3	32	24.5	94	95	69	69	90	90	84.5	5.6
6	59.04	59.49	59.98	58.46	59.53	60.52	59.50	24.9	24.6	28.7	31.9	25.7	24.5	26.7	31.9	23.6	94	95	80	69	86	92	86	------
7	59.14	59.29	59.91	58.53	58.66	59.70	59.22	24.1	23.5	30.2	31.1	28.9	27.6	27.6	32.6	22.7	92	94	72	74	80	84	82.7	------
8	58.33	58.90	59.06	57.35	57.82	58.85	58.38	26.5	24.9	30.7	32.3	29	28.2	28.6	32.4	24.6	88	92	68	68	78	81	79.2	------
9	58.21	58.66	59	57.79	57.80	58.90	58.39	26.6	24.6	32	33	29.5	28.3	29	33	24.4	86	95	66	64	79	82	78.7	------
10	58.16	59	59.74	58.25	58.33	59.50	58.83	27.2	25.5	30.7	30.9	29.4	28	28.6	32.7	25.1	87	93	69	69	74	82	79	20.1
11	58.43	58.74	59.70	58.59	58.73	59.65	58.97	26.3	25.9	29.6	31.4	28.9	28.1	28.4	31.7	25.6	90	92	77	68	77	81	80.8	.8
12	58.56	58.78	59.57	58.18	58.23	59.63	58.82	27.3	26.9	28.4	29.7	28.3	27.9	28.1	31	26.2	85	87	80	76	83	84	82.5	1.5
13	58.41	59.12	59.35	58.14	58.96	60.43	59.07	27.5	26	31.3	30.5	27.8	27	28.4	32.6	25.1	85	92	69	78	84	89	82.8	13.5
14	58.24	58.15	59.15	58.23	58.46	59.68	58.65	26.1	26.5	28.4	30.7	28.7	28.1	28.1	31.1	25	94	92	81	73	80	83	83.8	------
15	58.71	58.63	59.02	57.55	57.23	58.49	58.27	27.2	27.1	30.9	32	28.4	28	28.9	32.4	25.4	87	87	67	66	82	84	78.8	2.8
16	57.76	57.55	58.12	56.81	56.57	57.89	57.45	27.8	27.1	28.9	30.9	27.5	27.1	28.2	31	25.2	84	87	78	71	87	84	81.8	20.3
17	57.20	57.36	57.85	56.56	56.82	57.72	57.25	25.9	25	27.1	29.9	27.9	27	27.1	30.2	24.3	90	92	83	73	81	86	84.2	45.5
18	57.14	57.36	58.13	56.79	57.19	58.63	57.54	26.3	25	26.4	28.6	28	26.5	26.8	29.1	24.5	90	93	92	78	84	92	88.2	9.4
19	57.38	58.16	57.99	56.18	56.67	58.02	57.40	25.9	25.4	28.4	30.3	28.5	26.5	27.5	31	24.6	93	93	79	78	79	90	85.3	------
20	57.29	57.36	57.48	56.28	57	57.87	57.21	25.6	25.2	29.7	28.7	28.1	26.8	27.4	32.2	24.7	92	92	75	73	79	88	83.2	------
21	57.24	57.29	57.56	56.13	56.62	57.05	56.98	25.8	25.5	30.4	29.4	27.4	25.4	27.3	32.4	24.5	93	93	70	81	84	93	85.7	21.8
22	55.81	56.48	56.96	55.25	55.70	56.54	56.12	24.6	24	31.3	32.4	28.9	26.5	28	32.6	23.5	93	96	61	63	81	90	80.7	------
23	55.48	55.62	56.50	54.21	54.83	56.23	55.48	25.8	25.7	26	31.1	29.1	27	27.4	32	25	93	93	92	69	78	90	85.8	6.1
24	55.27	55.56	56.17	55.28	55.33	57.02	55.78	25.8	24.6	31.2	32.4	29	27.2	28.4	32.9	24.4	91	93	69	63	78	87	80.2	------
25	56.38	56.95	57.36	55.81	56.27	57.62	56.73	25.9	25	29.2	31.7	28.6	26.9	27.9	32.5	24.5	87	92	78	66	81	88	82	------
26	56.47	56.68	56.76	55.11	55.88	57.12	56.34	25.8	25	29.9	31.6	28.4	26.5	27.9	32.4	24.6	89	93	73	65	81	86	81.2	------
27	56.29	56.38	55.95	55.24	55.68	57.06	56.10	26	25.1	31.4	32.7	29.1	26.9	28.5	33.2	24.6	88	92	66	61	78	86	78.5	------
28	56.12	56.02	56.88	55.73	56.08	57.17	56.33	26.2	26	31.3	33.7	29.2	26.8	28.9	34	25.4	90	91	66	58	81	89	79.2	------
29	56.32	56.22	57.05	55.49	55.82	57.74	56.44	25.8	25.5	30.7	33	29.1	26.6	28.4	34	25.2	93	92	68	61	80	90	80.7	------
30	56.83	56.78	57.26	55.75	55.70	57.66	56.66	25.4	25	31.5	32.5	28.9	27.1	28.4	33	24.8	96	96	66	67	85	90	83.3	------
31	57.02	57.20	57.34	55.56	56.08	57.83	56.84	25.8	24.9	31.3	32.6	28.5	26.6	28.3	33.4	24.5	93	93	68	62	83	90	81.5	------
Mean	57.44	57.71	58.18	56.80	57.11	58.37	57.60	26	25.3	29.7	31	28.3	26.9	27.9	32.1	24.6	90.2	92.3	73.9	70	81.5	87.4	82.5	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	173.4

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Mid-night.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0-10*			*0-10*		
1	Calm	Calm	NE	ENE	Calm	Calm	17.5	42.4	61.4	19	140.3	9	Ci.-S.	N. NE	10	Ci.-S.	Cu.-N. E
2	Calm	Calm	NE	NE	NE	NNE	21.1	27.4	54.4	45.7	148.6	10	Ci.-S.	N.	8	Ci.-S. SW	Cu.
3	NNE	NNE	NE	NNE	ENE	ENE	44.9	60.2	90.9	79.1	275.1	7	Ci.-S.	cu.-N. ENE	10	Ci.-S.	N. ESE
4	Calm	Calm	NE	S	Calm	ESE	17.5	33.8	36	23	110.3	6	Ci.-S. NE	Cu.	9	Ci.-S.	Cu.-N. S
5	SW	SW	SW	NE	Calm	Calm	26.6	46.9	------	------	------	7	A.-Cu.	Cu. SW	8	Ci.-S.	Cu.-N. SE
6	Calm	Calm	ENE	NE	SW	Calm	------	------	63.4	20.4	------	5	Ci. NE	Cu.	4	Ci.	Cu.-N.
7	Calm	Calm	NE	ENE	NE	N	17.4	46.7	74.2	40.7	179	1	Ci.	Cu.	6	Ci.	Cu.-N. NE
8	Calm	Calm	NE	NE	NE	NE	12.6	33.8	67.9	48.1	162.4	2	Ci. W	Cu.	1	------	Cu.-N.
9	Calm	Calm	ENE	NE	NE	NE	20.7	43.3	86.4	55.2	205.6	2	Ci.	Cu.	2	Ci.	Cu.-N.
10	Calm	Calm	NNE	NE	NE	N	15.3	46.7	75.8	50.7	188.5	2	------	Cu.-N. NE	2	Ci.-S.	Cu.-N.
11	NW	NE	NE	E	NE	NE	22.7	52.8	62	35.2	182.7	7	Ci.-S.	N. NE	6	Ci.-S.	cu.-N. ESE
12	N	NE	NNE	NE	ENE	NNE	31.4	53.9	61.8	58.4	205.5	8	Ci.-S.	Cu. SE	4	Ci.-S.	Cu.-N.
13	NE	Calm	NE	NE	NE	NNE	21.9	40.7	77	61.8	201.4	6	Ci. W	Cu. ESE	8	Ci.-S.	Cu.-N. E
14	NE	NNE	NE	ENE	NE	NE	70.6	60.7	62.8	55	249.1	10	Ci.-S.	N. E	8	Ci.-S.	Cu.-N. S
15	Calm	NE	NE	ENE	NE	NNE	24.1	53.7	74	68.2	220	7	Ci.	Cu. ENE	7	Ci.-S. W	Cu.
16	N	NE	NNE	NE	NE	NE	69.8	83.4	69.4	59	281.6	10	Ci.-S.	N. ENE	9	Ci.-S.	Cu. NE
17	N	N	NE	NE	NE	NNE	26.8	60.6	57.3	66.6	211.3	10	Ci.-S.	N.	9	Ci.-S.	Cu.-N.
18	NNE	Calm	Calm	ENE	NE	Calm	45.1	12.6	30.4	28.4	116.5	10	Ci.-S.	N.	9	Ci.-S.	Fr.-N. E
19	Calm	Calm	NE	ENE	NE	W	16.9	35.7	71	29.8	153.4	10	Ci.-S.	N.	5	Ci.	Cu.-N.
20	Calm	W	NNE	W	SW	W	25.5	34.1	43.3	26	128.9	5	A.-Cu. S	Cu.	9	Ci.-S.	Cu.-N. E
21	Calm	Calm	SW	W	N	WSW	22.5	42.1	44.5	21.7	130.8	6	A.-Cu. S	Cu. ENE	4	Ci.-S.	Cu.-N.
22	SW	Calm	W	SE	SW	SW	23.3	34.6	57.4	29.6	144.9	0	------	------	4	Ci.	cu.-N. SW
23	S	SSW	S	WSW	SW	SW	33.3	58.1	97.7	46.4	235.5	2	------	Cu. WSW	5	Ci.	Fr.-Cu.W SW
24	SW	WSW	SW	SW	WSW	SW	63.3	89.5	100.8	44.3	297.9	3	Ci.	Cu. WSW	6	Ci.	Fr.-Cu.WNW
25	W	SW	WSW	SW	SW	SW	47.2	65.4	87.5	40.2	240.3	10	Ci.-S.	N. WSW	7	Ci.	cu.-N. SW
26	SW	SSW	WSW	SW	WSW	SW	45.7	75.8	96.3	47.5	265.3	3	Ci. ENE	Cu.	8	Ci.-S.	Fr.-Cu. SW
27	SW	SSW	SW	SW	SSW	S	37	79.7	100	39.2	255.9	2	Ci. NE	Cu.	3	------	Fr.-Cu.WSW
28	Calm	SW	SW	SSW	SW	SW	22.7	70	75.4	32.8	200.9	0	------	------	4	Ci.	Cu.-N.SW
29	SW	S	SSW	WSW	S	Calm	31.7	66.2	77.4	27.4	202.7	0	------	------	4	------	Cu.-N.SW
30	SW	Calm	SSW	ENE	WSW	Calm	23	30	60.4	23.8	137.2	5	Ci.-S.	Cu. SW	4	Ci.-S.	cu.-N. ESE
31	SW	SW	NE	ENE	SSW	Calm	18	32.7	56	22.5	129.2	1	Ci.	Cu.	3	------	Cu.-N.
Mean	------	------	------	------	------	------	30.9	50.4	69.1	41.5	193.1	5.4	------	------	6	------	------

LEGASPI.

[$\phi = 13° 09'$ N; $\lambda = 123° 45'$ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.77 mm.]

AUGUST, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.43	57.82	58.25	56.59	57.35	58.94	57.73	26	25.5	30.7	31.7	28.2	26.3	28.1	33.4	25	92	95	69	70	82	92	83.3	
2	57.78	57.70	58.46	56.99	57.21	58.67	57.80	25.6	25.4	31	32	29.3	27.2	28.4	32.7	24.5	93	93	67	68	77	85	80.5	
3	58.24	58.50	58.63	57.14	57.82	59.47	58.30	26	25.6	30.1	31.7	29.2	27	28.3	32.6	25.4	89	90	73	69	74	86	80.2	1.5
4	58.84	59.05	59.17	57.47	57.82	59.75	58.68	26.6	26.3	31	33.3	29.6	26.9	29	33.9	25.5	87	89	69	60	77	85	77.8	
5	58.89	59.17	58.78	57.32	57.21	58.92	58.38	26	24.6	29.4	30.4	28	26.1	27.4	31.5	24.2	85	91	75	70	77	89	81.2	
6	58	57.88	58.15	57	57.68	58.55	57.88	25.6	25.4	30.6	32.1	28.3	26.6	28.1	32.5	25	91	92	67	60	80	88	79.7	
7	58.12	58.40	58.61	57.49	57.50	59.27	58.23	25.9	25.6	30.9	32.1	28.9	27	28.4	32.6	25.2	90	91	66	61	78	85	78.5	
8	58.14	58.43	58.77	56.90	56.95	58.43	57.94	26.3	26.1	31.8	32.7	28.9	26.8	28.8	33	25.5	89	89	60	58	76	83	75.8	
9	57.40	57.20	57.26	55.32	55.93	57.08	56.70	26	26.1	30.3	30.7	28.4	27.3	28.1	31.1	25.6	87	87	70	69	81	81	79.2	
10	55.77	55.29	55.82	54.35	54.61	55.63	55.24	26.8	27.4	30.5	32.3	29	27.2	28.9	32.6	26.2	83	81	66	60	72	81	73.8	15.2
11	54.62	54.83	55.03	53.44	54.33	55.93	54.70	27.6	26	30.7	31.1	27.9	27.4	28.4	32.5	25.4	83	94	63	62	81	83	77.7	
12	54.85	54.80	55.28	54.13	53.97	55.17	54.70	26.8	26.6	30.1	29.1	28.6	27.5	28.1	31.8	26	83	83	69	74	77	84	78.3	1.8
13	54.40	54.92	55.82	54.95	55.57	57.49	55.52	27.1	27	30.5	31.7	29.3	27	28.8	33.5	26.3	84	83	68	64	71	84	75.7	.3
14	57.02	57.15	58.18	56.84	57.35	59.52	57.68	25.9	26	29.9	33	29.1	27.1	28.5	33.3	25.5	90	92	67	57	74	78	76.3	
15	59.26	59.54	60.17	58.54	58.51	60.33	59.39	26.1	25	29.3	32.5	29.9	27.1	28.3	33.6	24.7	83	90	72	60	71	83	76.5	
16	59.17	59.08	59.02	57.44	56.98	58.72	58.40	25.8	25	30.8	32.4	29	26.5	28.2	33.3	24.9	90	95	67	60	73	84	78.2	
17	57.97	57.90	58.15	56.50	56.83	58.59	57.66	25.7	25.3	29.9	30.7	28	26.5	27.7	32.5	25	88	91	70	67	80	83	79.8	
18	57.79	57.56	58.30	56.32	56.97	58.74	57.61	25.4	25.1	29.4	30.6	28.9	26.6	27.7	31.9	24.9	89	91	66	67	69	82	77.3	
19	57.99	57.97	58.61	56.91	57.16	58.67	57.88	25.8	25.5	29.6	31.3	28.9	27.5	28.1	32.6	25.3	86	88	69	60	72	81	76	
20	57.78	58.02	57.72	56.22	57.61	59.07	57.74	25.9	25.3	31.5	33.1	29.2	25.2	28.4	34	24.3	86	85	61	54	74	83	73.8	
21	58.49	58.57	59.35	57.92	58.56	60.57	58.91	24	24.2	30.5	32.6	28.5	25.6	27.6	34.4	23.7	89	89	62	56	78	90	77.3	1.3
22	59.92	59.79	60.27	57.98	58.92	60.36	59.54	24.5	24	30.5	32.3	29.1	26.2	27.8	32.9	23.8	93	93	70	63	72	83	79	
23	58.94	58.94	59.09	57.26	57.32	58.63	58.36	24.9	23.5	29.9	32.7	29.8	26	27.8	33.2	23.1	86	92	74	61	72	87	78.7	
24	57.50	57.89	58.47	56.54	56.99	59.12	57.75	24.7	24	31.1	31.5	30.5	26.5	28	32.5	23.7	89	92	64	66	70	88	78.2	
25	58.02	58.20	58.99	57.31	57.78	60.17	58.41	25.2	24.4	31	32	29.3	28.2	28.4	32.9	23.6	91	92	63	65	76	82	78.2	
26	59	59.14	60.34	59.20	58.42	59.92	59.34	27.6	25.7	27.1	26	27.1	26.1	26.6	31.5	25.2	81	82	91	89	81	88	85.3	14.5
27	58.49	58.25	59.16	57.40	57	58.67	58.16	25	24.6	29.1	30.2	28.6	27.6	27.5	31.9	24.2	92	95	74	74	79	84	83	37.1
28	57.78	57.92	58.72	56.72	56.36	58.37	57.64	26.2	23.9	28.8	30.1	28.8	25.9	27.3	31.8	23.5	90	97	78	73	76	91	84.2	55
29	57.81	57.29	58.38	57.18	57.72	59.42	57.97	23.9	24.9	28	29.5	27.8	26.2	26.7	30.5	23.5	97	92	77	71	82	84	83.8	
30	58.16	57.83	58.96	57.79	58.42	59.60	58.46	24.9	24.1	30.4	32.8	29.1	26.2	27.9	33.6	23.9	92	96	68	57	77	89	79.8	
31	58.88	59.26	60.06	58.84	58.80	59.62	59.24	25	24.1	30.8	31.3	29.4	28.1	28.1	33.4	23.9	91	95	67	66	72	78	78.2	19.5
Mean	57.82	57.88	58.39	56.84	57.15	58.75	57.80	25.8	25.2	30.2	31.5	28.9	26.8	28	32.7	24.7	88.4	90.5	69.1	64.9	75.8	84.6	78.9	
Total																								146.2

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	SW	SSW	E	SW	Calm	20.6	43.1	44.9	19.1	127.7	0			5		Cu.-N. S
2	W	Calm	WSW	SW	SW	WSW	22.3	54.2	77.4	38	191.9	1	Ci.	Cu.	6	A.-Cu.	cu.-N.WSW
3	SW	WSW	WSW	WSW	SW	W	50.5	91.9	97.6	52.9	292.9	4	Ci.-S.	Cu.-N.	7	Ci.	cu.-N.WSW
4	S	SW	WSW	SW	WSW	WSW	47.7	84.5	88	52.8	273	7		Cu.-N.WSW	6	Ci.	Cu. WSW
5	SW	WSW	SW	WSW	SW	W	65.5	77.9	113.8	57.7	314.9	9	Ci.-S.	Cu. W	9	Ci.-S.	cu.-N.WSW
6	SW	WSW	SW	W	SW	WSW	66.2	88.3	108.9	52.3	315.7	5	A.-Cu. S	Cu. WSW	6	Ci.-S.	cu.-N.WSW
7	SW	SW	SW	WSW	SW	WSW	53.3	89.9	99.8	47.5	290.5	2	Ci.	Cu.	7	Ci.	Cu.-N.SW
8	W	WSW	SW	SW	WSW	SW	40.5	80.7?	*48.6	54.9	224.7	3	Ci.	Cu. SW	7	Ci.-S.	Cu.-N.SW
9	W	WSW	SW	W	SW	WSW	58.9	105.7	130.7	66	361.3	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N.SW
10	W	W	SSW	WSW	SW	SW	69.8	123.9	138.2	87.7	419.6	10	Ci.-S.	Fr.-Cu.WSW	8	Ci.-S.	Cu. WSW
11	SW	WSW	SW	SW	WSW	SW	106.2	123.1	130.2	97.7	457.2	9	Ci.-S.	Cu.-N. SW	8	Ci.-S.	cu.-N.WSW
12	SW	SW	WSW	WSW	WSW	WSW	76.9	130.2	121	71.9	400	10	Ci.-S.	Cu. WSW	10	Ci.-S.	Fr.-Cu.WSW
13	SW	WSW	W	WSW	W	SW	73	104.4	133.9	76.1	387.4	9	Ci.-S.	N. WSW	6	Ci.-S.	Cu. WSW
14	W	WSW	SW	SW	WSW	SW	55.8	95.3	91.9	40	283	4	Ci.	Cu. WSW	3	Ci.	Cu.-N.SW
15	WSW	WSW	SW	WSW	SSW	Calm	35.6	66.8	64.2	25.2	191.8	7	Ci.-S.	Cu. SW	2		Cu. SW
16	SW	Calm	WSW	SW	WSW	SW	28	68.9	92.8	43.8	233.5	1		Cu. WSW	4	Ci.	Cu. SW
17	SW	WSW	SW	WSW	SW	WSW	54.7	105.7	114.1	58.4	332.9	8	Ci.-S.	N. WSW	8	A.-Cu.	Cu.-N.SW
18	SW	SW	SW	SW	SW	W	63.1	106.4	141	61.5	372	1	Ci.	Cu.	5	A.-Cu.	Cu. SW
19	SW	WSW	SW	WSW	SW	W	20.9	80.3	101.4	44.5	247.1	8	A.-Cu. NNE	Cu.	7	Ci.-S.	cu.-N.WSW
20	W	W	W	WSW	WSW	W	40.2	78.3	82.6	51.5	252.6	8	A.-Cu. SW	Cu.	1	Ci.	Cu.
21	W	SSW	SW	WSW	Calm	Calm	47.5	61.2	45.1	14.2	168	3	Ci.	Cu.	7	A.-Cu.	Cu.-N.SW
22	Calm	Calm	SE	NE	ENE	Calm	17.2	35.1	56.6	33.8	142.7	1	Ci.	Cu.	4	Ci.	Cu.-N.
23	NE	NE	NE	NE	Calm	Calm	19.3	31.2	48.5	19.9	118.9	3	Ci. ESE	Cu.	8	Ci.	Cu.-N. SE
24	Calm	Calm	SE	NE	Calm	SE	13.1	33.8	44.6	17.1	108.6	3	Ci.-S.	Cu.	7	Ci.	cu.-N. SSE
25	Calm	SW	NE	NE	E	ENE	21.9	43.8	97.9	68.6	232.2	1	Ci.	Cu.	4	Ci.	Cu.-N. SE
26	NE	ENE	NE	ENE	NE	Calm	48.5	49.7	49.9	26.2	174.3	10	Ci.-S.	Cu.-N. E	10	Ci.-S.	N.
27	Calm	NE	NE	ENE	NE	NE	13.1	55.7	58.4	50.7	177.9	4	Ci.-S.	Cu.	9	Ci.-S.	Cu.-N. E
28	SE	Calm	NE	NE	NE	NE	28.8	25.1	97.2	58.4	209.5	8	Ci.-S.	N. NE	10	Ci.-S.	Cu.-N.
29	NE	NE	SW	SW	S	SW	39.6	29.5	43.1	21.1	133.3	10	Ci.-S.	N. NE	8	Ci.-S.	cu.-N. SSW
30	Calm	Calm	SSW	S	Calm	SW	15.8	45.4	49.1	18	128.3	1	Ci.	Cu.	3	Ci.	Cu.-N. S
31	Calm	Calm	NE	NE	NNE	NE	7.8	39.9	58.1	50.1	155.9	0			4	Ci.	Cu.-N.
Mean							42.7	72.6	86.1	47.7	249	5.2			6.4		
Total											7,719.3						

* 3 hours missing.

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[ϕ=13° 09′ N; λ=123° 45′ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.77 mm.]

SEPTEMBER, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.92	59.41	59.83	58.25	58.40	59.08	58.98	26.3	24.9	27.5	28.4	26.5	26.1	26.6	31.5	24.4	88	91	81	79	88	87	85.7	7.7
2	57.88	57.79	57.59	56.92	56.33	56.85	57.06	24.3	24	27.3	29	26.9	26	26.2	30.4	23.6	97	96	85	78	88	85	88.2	2.1
3	55.69	55.80	56.38	54.33	54.50	55.80	55.42	25.5	25	25.1	28.4	27.1	26.4	26.2	29.7	24.1	85	88	90	72	78	81	82.3	37
4	54.95	55.45	55.69	54.62	55.08	56.79	55.43	25.3	24	29.8	30.2	27.8	26.2	27.2	31.9	23.5	87	93	67	73	81	89	81.7	
5	56.33	56.86	58.13	56.55	57.15	58.02	57.17	25.5	24.6	29.6	31.8	30.1	26.2	28	34	24.4	92	95	72	62	70	89	80	
6	57.63	58.44	59.18	57.25	57.40	59.23	58.19	25	23.9	30.4	31.2	28.9	28	27.9	32.9	23.6	93	96	64	68	78	80	79.8	
7	57.84	58.08	58.59	56.54	57.37	58.52	57.82	26.6	26.5	31	31.2	29.1	27.5	28.6	32.5	25.4	86	85	67	67	74	81	76.7	4.3
8	57.73	58.28	59.39	57.08	57.41	58.89	58.13	25.6	24.8	26.3	30.1	26.9	25.2	26.5	31.8	24.4	89	88	88	68	83	91	84.5	3.8
9	57.80	57.85	58.73	56.78	57.31	58.93	57.90	23.8	23.1	30.5	31.8	29.3	27.1	27.6	33.4	22.6	93	91	69	64	73	86	79.3	4.6
10	57.36	57.74	58.22	56.20	57.39	59.29	57.70	26.5	25.6	30.2	31	24.6	24.5	27.1	32	23.9	88	93	69	69	92	92	83.8	39.4
11	58.69	59.04	59.83	57.45	58.13	59.99	58.86	23.9	24	28.1	28.5	27.8	25.4	26.3	30.3	23.5	92	91	80	73	83	93	85.3	
12	59.29	59.77	61.18	58.11	58.43	59.62	59.40	24.3	23.9	26.5	28	27.3	25.6	25.9	29.7	23.6	94	92	79	73	82	90	85	
13	57.98	57.84	58.56	56.83	56.82	57.86	57.65	24.2	24	30	26.8	25.8	24.8	25.9	32.8	23.7	94	92	71	84	88	94	87.2	55.9
14	56.78	55.95	56.82	55.24	56.02	57.28	56.35	24.1	24	26.9	28.4	26.7	25.5	25.9	29.4	23.5	96	96	83	77	88	92	88.7	.8
15	56.85	56.89	58.06	56.43	57.08	58.56	57.31	24.7	24.2	25.9	28.5	25.8	24.4	25.6	29.5	24	93	95	87	74	84	93	87.7	2.3
16	57.90	57.82	58.92	56.87	57.59	58.46	57.93	24.2	24	29.2	28	27.4	24.7	26.2	30.5	23.6	92	93	80	77	80	93	85.8	
17	57.71	57.46	58.04	55.70	56.40	57.68	57.16	23.3	22.5	27.6	31.2	28.4	25.5	26.4	32.5	22.3	97	96	82	68	77	91	85.2	
18	56.54	56.04	56.85	55	55.77	57.32	56.25	24.2	23.6	30.8	32.5	28.3	26.6	27.8	34.3	23.5	93	95	63	60	78	86	79.2	
19	56.23	55.93	56.76	54.92	55.97	57.58	56.23	25.6	25.5	31.5	32.1	28.5	27.1	28.4	33.8	25.2	91	91	63	64	75	81	77.5	
20	56.74	56.46	57.19	55.44	55.96	57.16	56.49	26.6	26	31.6	33.8	29.6	27.1	29.1	34.9	25.4	82	85	66	59	75	87	75.7	5.6
21	55.61	55.28	55.97	54.31	54.82	55.97	55.33	26.1	26	31	31.4	28.1	27.4	28.3	33.2	25.5	92	92	69	70	82	84	81.5	
22	54.28	54.29	55.55	54.01	53.90	55	54.50	27	26.9	26.2	25.4	25.7	25.3	26.1	28	24.2	85	85	89	92	93	93	89.5	3.8
23	53.87	53.96	55.41	52.89	53.31	54.31	53.96	24.5	24.7	24.4	28.3	26.5	26.4	25.8	29.4	23.7	94	94	95	74	82	78	86.2	41.5
24	53.73	53.88	54.21	52.73	53.59	54.73	53.81	24.6	24	28	29.4	26.2	25.5	26.3	30.8	23.4	90	94	75	73	87	88	84.5	29.4
25	54.11	54.26	55.39	53.26	53.92	56.11	54.51	25.1	25	27.8	30.5	27.8	24.2	26.7	31.8	23.5	88	88	82	67	79	96	83.3	44.2
26	55.18	55.35	56.78	55.57	55.88	57.82	56.10	24.8	24.9	28.2	27.5	26.7	26.1	26.4	30.6	24	95	95	77	83	86	85	86.8	2.5
27	56.95	57.09	58.15	56.08	55.70	57.05	56.84	25.8	25.4	27.5	28.1	26.6	26	26.6	28.9	24.6	84	87	77	77	83	86	82.3	2.8
28	56.34	56.25	57	53.91	55.45	57.04	56	25.1	25	29.8	30.8	25.7	23.7	26.7	31.7	23.2	92	92	69	65	88	93	83.2	16.5
29	55.80	56.05	56.77	55.79	56.15	57.61	56.36	23.6	24.5	28	25.1	26.5	25.1	25.5	29.5	23.4	93	92	80	91	86	94	89.3	14
30	57	57.31	58.45	57.01	57.66	59.40	57.80	24.8	24.4	29.5	31.1	28.5	27.5	27.6	32	23.9	92	94	71	68	80	83	81.3	
Mean	56.66	56.75	57.59	55.70	56.23	57.60	56.73	25	24.6	28.5	29.6	27.4	25.9	26.8	31.5	23.9	90.9	91.8	76.3	72.3	82	88	83.6	
Total																								318.2

Day.	Wind.										Clouds.				
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.		2 p. m.	
												Amount.	Form and direction.	Amount.	Form and direction.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper. Lower.		Upper. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*		*0–10*	
1	N	NNE	NE	NE	Calm	Calm	71.6	69.2	64.1	41.8	246.7	10	Ci.-S. N. NE	10	Ci.-S. Cu.-N.
2	SW	Calm	Calm	NE	NE	SW	28.2	22.7	29.8	41.3	122	7	Ci.-S. Cu.	10	Ci.-S. N. NW
3	SW	WSW	WSW	SW	SW	SW	63.6	98.4	112.3	65.4	344.7	10	Ci.-S. N. WSW	10	Ci.-S. N.
4	Calm	SW	SSW	SSW	SW	Calm	57.7	77.4	63.3	22.3	220.7	10	Ci.-S. N. SSW	10	Ci.-S. Cu.-N. SW
5	SW	Calm	SW	SSW	S	Calm	24.4	61.5	46.4	13.2	145.5	8	Ci.-S. Cu. SSW	6	Ci.-S. Cu. S
6	S	Calm	NE	NE	ENE	NE	11.8	31.9	75.8	46.7	166.2	5	Ci.-S. Cu.	7	Ci. Cu.-N.
7	Calm	NNE	ENE	NE	NE	NNE	31.9	59	68.7	29.2	188.8	1	Ci. Cu.	5	Ci.-S. Cu.
8	N	Calm	SE	E	W	Calm	25.5	39.2	36.7	16.4	117.8	10	Ci.-S. N. NE	5	Ci.-S. Cu.-N.
9	W	Calm	ENE	E	NE	Calm	20.3	39.2	76.7	28.2	164.4	1	Ci. Cu.	5	Ci.-S. Cu.-N.
10	NE	Calm	NE	NE	Calm	Calm	36.7	42.4	59.5	16.1	154.7	10	Ci.-S. N. NE	7	Ci.-S. Cu. ENE
11	Calm	W	Calm	S	Calm	Calm	27.7	24.7	42.3	19.1	113.8	7	Ci.-S. Cu. SSE	9	Ci.-S. Cu.-N.
12	SW	SW	SW	W	Calm	Calm	53.9	60.4	53.3	13.5	181.1	10	Ci.-S. N.	10	Ci.-S. Cu.-N. WNW
13	Calm	Calm	NE	N	SW	WNW	16.6	49.1	65.7	20.3	151.7	5	Ci.-S. Cu.	10	Ci.-S. N. NE
14	NE	WSW	Calm	S	Calm	Calm	26.4	25.4	40.7	21.1	113.6	10	Ci.-S. N. S	9	Ci.-S. Cu.-N. SSE
15	Calm	Calm	S	SSE	SW	Calm	19.8	36.2	51.5	22.3	129.8	10	Ci.-S. N. S	10	Ci.-S. Cu.-N. S
16	Calm	Calm	NE	ENE	NE	Calm	11.9	34.3	48.5	20.4	115.1	10	Ci.-S. N. E	10	Ci.-S. N. E
17	W	WSW	Calm	NE	NNE	Calm	24.7	30.3	34.9	17.5	107.4	5	A.-Cu. SW Cu.	6	Ci.-S. Cu. W
18	Calm	Calm	SW	W	W	SW	23.6	33.6	87.7	30.1	175	2	Ci. Cu.	5	Ci. Cu. W
19	SW	SW	W	WSW	SW	SW	48.6	84	102.7	55.5	290.8	2	Ci. Cu.	2	---------- Cu. W
20	SW	SW	SW	W	W	SW	56.8	100.1	89.1	46.2	291.7	2	Ci. Cu.	6	Ci. Cu.-N. W
21	SW	Calm	W	W	SW	SW	48.5	94.1	81.8	56	280.4	4	Ci.-S. Cu.	10	Ci.-S. Cu.-N. W
22	SW	WSW	S	SW	SW	SW	47.7	88.5	49.4	50.9	236.5	10	Ci.-S. Cu.-N.NNW	10	Ci.-S. N. WNW
23	S	SW	SSW	WSW	SW	SW	62.5	71	108.3	64.9	306.7	10	Ci.-S. N.	9	Ci.-S. Cu.-N. WSW
24	Calm	SW	SSW	SSW	SW	S	48.9	73.2	81.6	59.3	263	10	Ci.-S. N.	10	Ci.-S. Fr.-N. SW
25	SW	SW	SSW	SSW	S	SW	69.4	64.2	90.9	61.4	285.9	10	Ci.-S. N. SW	9	Ci.-S. Cu.-N.SSW
26	SW	Calm	SW	SW	SW	SW	37.5	57.6	83.9	36.7	215.7	10	Ci.-S. N. SW	10	Ci.-S. Cu.-N. SW
27	Calm	SW	SW	SW	SW	SW	30.3	78.1	71.6	41.5	221.5	10	Ci.-S. Cu. WSW	10	Ci.-S. Cu.-N.
28	SW	SW	SW	W	SW	SW	33	83.9	103.6	67	287.5	10	Ci.-S. Cu.	9	Ci.-S. Cu.-N. WNW
29	SW	SW	SSW	SSW	SW	Calm	75.4	66.8	64.6	21.4	228.2	6	A.-Cu. WSW Cu.	9	Ci.-S. Fr.-N. WSW
30	SW	Calm	S	E	ENE	NNE	23.5	44.3	62.8	39.1	169.7	2	Ci. Cu.	3	Ci. Cu. SE
Mean							38.8	58	68.3	36.2	201.2	7.2		8	
Total											6,036.6				

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[$\phi = 13°\ 09'$ N; $\lambda = 123°\ 45'$ E; barometer above sea, 5.5 meters; gravity correction not applied, −1.77 mm.]

OCTOBER, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.52	58.47	58.74	57.10	57.63	59.03	58.25	26.9	25	30.3	31.5	29.3	27.6	28.4	32.4	24.4	84	92	68	67	79	85	79.2	------
2	57.71	58.10	59.10	57.24	57.36	58.42	57.99	26.5	25	30.3	31.4	27.4	25.1	27.6	32.8	24.3	88	93	73	68	87	93	83.7	------
3	57.61	58.05	59.16	57.69	58.49	58.87	58.31	23.8	23.2	28.8	23.7	24.2	23.2	24.5	29.5	22.8	95	95	76	90	91	95	90.3	4.8
4	58.16	58.54	59.56	57.53	58.54	59.69	58.67	22.9	23.7	28.7	29.8	27	24.6	26.1	31	22.5	96	94	71	71	79	92	83.8	.5
5	58.73	59.10	59.68	57.79	58.12	59.52	58.82	24.1	23.5	29.5	30.3	27.3	24.5	26.5	32.9	23	92	96	70	66	83	93	83.3	------
6	58.06	58.01	59.07	56.87	57.61	58.69	58.05	24.2	24	27	30	27.2	24.5	26.2	32.4	23.6	94	95	87	72	85	92	87.5	------
7	57.38	57.45	58.51	56.02	56.92	58.30	57.43	23.4	22.5	30.1	31.7	27.2	25.5	26.7	33	22.2	94	96	65	59	82	89	80.8	9.7
8	57.61	57.36	57.92	56.29	56.98	58.15	57.38	24.8	24	26	27.5	25.5	24.6	25.4	29.5	23.5	90	95	84	81	92	93	89.2	3.8
9	56.75	57.56	58.58	57.22	57.69	59.78	57.93	24.4	24.3	28.2	29.5	27	25.4	26.5	31.4	23.6	93	92	80	74	85	89	85.5	------
10	58.80	59.70	60.30	58.33	58.79	59.92	59.31	24.3	24	30	31.5	29	27.6	27.7	32.6	23.6	95	96	70	65	78	82	81	1
11	58.14	58.94	59.30	57.47	57.40	58.77	58.34	25.7	25.5	30.5	30.7	28.8	27.2	28.1	32.4	25	93	93	73	73	78	84	82.3	1.8
12	57.65	58.04	58.86	57	57.03	58.81	57.90	26.7	27	29.5	31.4	28.6	26.6	28.3	32.3	25.9	86	84	75	70	78	88	80.2	7.3
13	57.82	58	58.47	56.91	57.67	58.59	57.91	25.8	26.5	27.7	27.9	27.3	26.6	27	29.4	23.9	93	88	81	81	84	86	85.5	6.9
14	58	58.16	59.01	56.90	57.19	58.80	58.01	26.5	25.9	28.5	29.6	26.3	24.7	26.9	31.2	24.5	86	87	80	74	87	94	84.7	34.6
15	56.69	57.04	57.96	55.69	56.59	57.38	56.89	24.5	25.9	25	27	26.7	25.7	25.8	27.9	24.3	94	85	92	85	86	92	89	11.5
16	55.78	56.63	57.28	55.71	56.64	57.77	56.64	25.4	24.1	28	25.3	24.4	24	25.2	28.9	23.6	90	96	84	93	95	94	92	35.5
17	56.82	57.50	58.42	55.92	56.87	58.74	57.38	23.7	23.5	28.8	29.7	26.5	25.4	26.3	31	22.9	94	94	71	72	92	88	85.2	5.3
18	57.74	57.94	59.06	56.91	57.37	58.74	57.96	25.8	26.6	30.4	28.3	27.7	27.1	27.6	31.4	24.6	91	87	72	79	82	85	82.7	4.3
19	57.38	57.75	58.27	56.15	56.63	58.22	57.40	26.9	26.5	30.4	30.7	28.4	26.9	28.3	31.5	25.9	86	88	73	73	80	86	81	6.9
20	57.18	57.64	58.57	56.84	57.18	59	57.74	25.6	26.5	30.3	30.6	28.4	27.4	28.1	31.9	25.3	94	89	74	74	80	84	82.5	18.6
21	57.93	58.32	59.03	57.31	58.27	59.14	58.33	26.5	26	29.4	30.3	26.8	26.1	27.5	31.8	24.5	87	89	76	74	83	87	82.7	48.8
22	57.84	58.21	59.11	56.79	57.69	58.57	58.04	25.3	25.5	27.4	27.1	26.9	26.5	26.4	28.9	24.3	90	90	85	85	84	82	86	42.7
23	57.66	58.14	58.69	56.66	57.10	58.67	57.82	26.3	26.3	28.3	27	26	25.9	26.6	30.6	25.6	82	82	85	87	93	93	87	17.2
24	57.87	58.29	59.08	57.07	57.93	59.96	58.37	26.6	25.7	28.9	28	27.9	27.1	27.4	30.6	25.4	88	88	77	85	82	86	84.3	------
25	59.18	59.72	60.31	58.71	59.13	60.93	59.66	26.7	24.4	30	29.6	27.1	25.1	27.2	32.4	23.9	83	92	71	72	83	94	82.5	62.8
26	60.33	61.17	61.40	59.27	58.88	60.34	60.23	24.1	23.8	25.1	28.3	26.4	26.1	25.6	29.1	22.8	91	92	90	80	83	84	86.7	80.5
27	59	59.43	60.34	57.86	57.72	59.13	58.91	24.8	25	25.2	28.6	27	26.2	26.1	29.8	23.4	87	88	88	75	84	84	84.3	47.7
28	57.81	57.76	59.02	56.80	57.45	58.69	57.92	26.3	26.6	30	29.4	27	27.2	27.8	32.1	25.4	87	87	73	76	86	84	82.2	5.1
29	57.43	57.80	59.14	57.50	58.18	58.95	58.17	26.6	26.2	30	30.6	28.2	27.1	28.1	32	25.8	86	84	67	68	78	84	77.8	15
30	58.70	58.96	59.28	57.43	57.46	58.94	58.46	24.9	24.7	27.4	27.6	27	25.3	26.2	28.9	24.1	92	92	81	81	84	88	86.3	14.8
31	57.24	57.18	57.85	55.68	56.52	57.47	56.99	25.7	26	27.3	28.5	26.5	25.9	26.6	29.9	25	86	85	82	75	86	87	83.5	16.1
Mean	57.86	58.22	59	57.05	57.58	58.90	58.10	25.3	25.1	28.6	29.1	27.1	25.9	26.9	31	24.2	89.9	90.5	77.2	75.7	84.2	88.3	84.3	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	453.2

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NE	Calm	NE	ENE	NE	NE	23.9	32.8	68.4	44.3	164.4	0			1	Ci.	Cu.
2	Calm	Calm	NE	ENE	Calm	Calm	12.9	24.6	42	22.5	102	1	Ci.	Cu.	8	Ci.	Cu.-N. E
3	SW	Calm	SW	SSW	SW	SW	23.9	26.8	40	28.7	119.4	6	Ci.-S.	Cu.	10	Ci.-S.	Fr.-N. ENE
4	SW	W	WSW	SW	SW	SW	32.4	50.4	52.3	21.4	156.5	10	Ci.-S.	N.	9	Ci.-S.	cu.-N. SW
5	SW	Calm	SE	SW	Calm	Calm	32	40.7	54.7	15.6	143	10	Ci.-S.	Cu. SW	8	Ci.-S.	cu.-N.SSW
6	Calm	Calm	Calm	SW	SE	Calm	15.8	12.4	36.5	14.7	79.4	4	Ci.	Cu.	9	Ci.-S.	cu.-N. SW
7	Calm	Calm	ENE	NNE	NNE	Calm	16.3	29.6	95.5	45.7	187.1	2	Ci.	Cu.	6	Ci.-S.	Cu.-N.
8	Calm	Calm	NW	E	NW	SW	17.7	24.6	27.2	42.3	111.8	10	Ci.-S.	N. NE	10	Ci.-S.	Cu.-N. W
9	SW	SW	SW	SW	SW	SW	70.5	83.7	77.2	38.5	264.9	10	Ci.-S.	N. WSW	9	Ci.-S.	cu.-N.WSW
10	SW	Calm	NE	NE	NE	NE	33.8	35.6	68.1	41.3	178.8	3	Ci.	Cu.	4	Ci.	Cu.-N.
11	Calm	Calm	NE	NE	NNE	NNE	22.8	49.4	61.4	38.1	171.7	2	Ci.	Cu.	3	Ci.	Cu.-N.
12	NNE	NNE	NE	NE	NNE	NE	41.5	52.6	54.4	37.3	185.8	7	Ci.	cu.-N. ENE	2		Cu.-N.
13	Calm	NNE	NE	ENE	ENE	NE	23.4	69.7	91.2	74.6	263.9	6	Ci.-S.	cu.-N. ENE	10	Ci.-S.	Fr.-N. ENE
14	NE	NNE	NE	ENE	NE	NE	53.9	77.7	81.6	61	274.2	9	Ci.-S.	N. ENE	6	Ci.-S.	cu.-N.ENE
15	NE	NNE	NE	NE	NE	N	56.9	48	42.1	30	177	1	Ci.	Cu.	10	Ci.-S.	N. ENE
16	Calm	N	S	Calm	SW	SW	16.7	32.2	25.7	20.7	95.3	10	Ci.-S.	N.	10	Ci.-S.	N.
17	SW	SW	NE	SSE	E	Calm	25.4	21.2	45.3	23.5	115.4	8	Ci.-S.	Cu.	8	Ci.-S.	cu.-N. SSE
18	E	NE	NE	NNE	NE	NE	48.3	56.9	58.7	44.3	208.2	10	Ci.-S.	N. E	6	Ci.-S.	Cu.-N.
19	NE	ENE	ENE	NE	NE	NE	38.9	51.7	74.5	56.6	221.7	8	Ci.-S.	cu.-N. ESE	5	Ci.	Cu.-N. E
20	NNE	NE	NE	NE	NE	NE	51.8	71.3	91.2	88.5	302.8	8	Ci.-S.	cu.-N. ESE	3	Ci.-S.	cu.-N. ESE
21	NE	NE	NE	NE	NE	NE	55.7	74.5	72.7	72.4	275.3	3	Ci.	Cu. E	6	Ci.	Cu.-N. E
22	NE	NE	NE	NE	NE	NE	49.6	56.1	58.9	66.3	230.9	10	Ci.-S.	N. E	10	Ci.-S.	N. ENE
23	NE	NE	NE	NE	NE	NE	64.6	39.4	33.5	53.4	190.9	9	Ci.-S.	N. ENE	10	Ci.-S.	N. NE
24	NE	NNE	NE	NNE	NE	ENE	54.1	99.8	119.6	61.7	335.2	10	Ci.-S.	N.	8	Ci.-S.	Fr.-N. NE
25	NE	Calm	NE	NE	NE	Calm	35.6	71.6	70.8	37.5	215.5	1	Ci.	Cu.	8	Ci.-S.	cu.-N. ESE
26	NE	NE	NE	E	NE	NE	39.7	83.9	65	64.6	253.2	10	Ci.-S.	N.	8	A.-Cu.	Cu.-N. E
27	NE	NE	NE	NE	NE	NE	50.4	62.3	67.4	59.5	239.6	8	Ci.-S.	cu.-N. ENE	8	Ci.-S.	Fr.-N. E
28	NE	NE	NE	NE	Calm	NE	63.1	77.4	67.6	60	268.1	1		Fr.-Cu. ENE	2		Cu.-N.ENE
29	NE	NE	NE	NNE	NE	NE	51.5	64.6	79.4	44.6	240.1	6	Ci.-S.	Fr.-N. ENE	4		Cu.-N. NE
30	Calm	NNE	NE	NE	NE	NE	29.2	66	70.6	61.7	227.5	10	Ci.-S.	N. ENE	9	Ci.-S.	cu.-N. NE
31	NE	NE	NE	NE	NE	NE	63.6	47.7	53.1	44.8	209.2	4	Ci.	Cu. ENE	8	Ci.-S.	N. E
Mean	------	------	------	------	------	------	39.4	52.7	62.6	45.5	200.3	6.4	------	------	7	------	------
Total	------	------	------	------	------	------	------	------	------	------	6,208.8	----	------	------	----	------	------

LEGASPI.

[ϕ=13° 09′ N; λ=123° 45′ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.77 mm.]

NOVEMBER, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a.m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	55.89	56.26	57.46	55.44	55.82	57	56.31	26.1	24.6	26.2	26.3	26.2	25.7	25.8	27.2	23.6	85	93	89	89	85	88	88.2	21.9
2	56.68	57.04	57.96	55.51	57.23	58.37	57.13	24.5	24.6	25.3	28.5	23.8	24	25.1	29.7	23	92	92	92	78	91	95	90	25.1
3	57.77	58.40	58.49	56.93	56.98	58.64	57.87	23.5	23.2	26.8	27.3	27	26.4	25.7	29.7	22.5	91	92	84	82	86	88	87.2	9.9
4	57.90	58.23	58.37	55.95	55.97	57.51	57.32	25.6	25.5	30.2	30.8	28	26.9	27.8	31.7	24.4	91	91	71	69	78	81	80.2	------
5	56.70	56.82	58.08	55.16	55.02	57.06	56.47	24.1	22	28.5	31	27.6	24.8	26.3	32.6	21.5	91	96	69	63	76	85	80	------
6	56.35	56.26	57.51	55.25	55.62	57.34	56.39	24.5	23	29.8	28.8	26.8	23.6	26.1	31.3	22.4	86	92	65	72	82	95	82	4.5
7	56.24	56.90	57.67	55.70	55.86	57.54	56.65	22	20.7	28.4	31	28.5	26.1	26.1	31.7	20.4	96	95	70	65	76	84	81	------
8	56.71	56.76	58.46	56.41	56.57	58.79	57.28	23.9	22.9	29.3	32	28.5	25	26.9	33	22.4	92	96	68	59	78	91	80.7	------
9	58.05	58.09	59.26	57.21	57.42	59.02	58.18	23.4	23	29.5	31.4	28	27	27	32.9	22.8	96	96	72	64	77	82	81.2	------
10	58.08	58.67	59.51	57.21	57.19	58.81	58.24	23.1	22.5	29.8	28.1	25.9	25	25.7	31.2	22	97	96	72	72	85	91	85.5	1.3
11	57.60	57.85	59.27	57.44	57.79	59.32	58.21	26.4	26	30.1	30.5	27.7	27	28	31.1	24.5	79	81	62	62	76	78	73	------
12	58.62	58.71	60.33	58.28	58.27	59.73	58.99	26.3	26.2	29.7	30.5	27.9	27.2	28	31.1	25.7	82	82	67	64	73	75	73.8	.3
13	58.72	59.33	60.43	58.33	58.33	60.04	59.20	26.9	26.4	28.6	29.1	26.6	24.7	27	30.3	23.9	75	77	69	73	85	91	78.3	15.7
14	58.76	58.67	59.42	56.96	57.02	58.04	58.14	24.6	25.2	28.4	27.9	27.5	25.7	26.6	30.9	24	88	84	72	79	81	86	81.7	11.1
15	56.73	56.09	56.97	54.95	55.45	56.21	56.07	24.4	23.5	28.3	28.7	25.9	24.8	25.9	30.1	23	90	96	74	77	93	92	87	9.7
16	55.33	55.45	56.49	54	55.19	56.41	55.48	24	23.9	27.1	28.9	26	24.7	25.8	30	23	96	96	86	76	89	94	89.5	12.4
17	55.75	56.30	57.32	55.27	56.57	57.75	56.49	24.5	24.4	27.6	29.9	27.2	25.2	26.5	30.7	24	95	95	79	69	84	92	85.7	------
18	57.25	58.04	59.06	57.16	57.90	58.99	58.07	24.3	23.5	29.3	26.5	25.8	24.4	25.6	31.4	23.1	91	96	74	88	92	94	89.2	.3
19	58.54	58.59	59.16	56.88	57.43	59.07	58.28	23.9	23.9	29.8	30	27.2	25.4	26.7	31.4	23.4	96	96	71	72	88	93	86	1.5
20	57.44	58.06	58.79	56.45	57.66	58.63	57.84	24.4	23.6	28.5	30.6	27.8	24.3	26.5	30.9	23.3	93	95	80	73	84	94	86.5	37.8
21	58.11	58.26	59.44	57.41	58.08	59.57	58.48	24.9	25.4	27.3	28.9	27.3	26.4	26.7	29.4	24	93	92	85	78	84	84	86	.8
22	58.10	58.14	58.85	57.47	57.15	58.81	58.09	25	26.2	28.5	26.1	26.5	23.9	26	29.8	23.5	92	84	73	87	86	96	86.3	71.1
23	58.17	58.51	59.57	57.72	57.69	58.94	58.43	23.4	22.4	28.8	29.4	27.7	27.4	26.5	30.3	22.1	97	96	72	71	79	80	82.5	------
24	57.95	58.31	58.96	57.21	57.04	58.25	57.95	25.8	26	29.7	26	26.7	26.5	26.8	31.9	24.3	84	86	73	82	80	80	80.8	4.4
25	57.05	57.19	57.95	55.60	55.66	56.59	56.67	26.7	25.2	29.3	30	27.5	26.5	27.5	31.1	24.5	79	82	66	67	78	82	75.7	------
26	55.09	55.22	55.61	53.73	54.04	55.17	54.81	24.9	22.5	29.3	28	27	25.1	26.1	31.7	21.9	86	95	69	73	73	83	79.8	4
27	54.19	54.40	54.91	53.01	53.89	55.14	54.26	23.9	23.5	28.7	29.4	27.5	25.7	26.4	30.8	22.9	91	92	71	69	73	84	80	2.1
28	54.45	54.64	55.74	53.70	54.75	54.87	54.69	24.4	25.1	26.3	26.4	25.3	25.1	25.4	27.3	23.9	92	88	82	82	88	88	86.7	32
29	54.35	55.19	55.83	54.23	56.14	57.56	55.55	25.6	25.4	25.9	28.1	24.8	24.9	25.8	28.8	24	86	86	86	78	87	77	83.3	.8
30	56.77	56.90	57.93	56.75	57.26	57.95	57.26	25.2	26	26.8	25.5	24.3	23	25.1	28.3	22.3	72	67	69	74	77	85	74	1.8
Mean	56.98	57.24	58.16	56.11	56.57	57.90	57.16	24.7	24.2	28.4	28.9	26.8	25.4	26.4	30.6	23.2	89.1	90.2	74.4	73.6	82.1	86.9	82.7	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	268.5

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NE	ESE	NE	NE	NE	NE	37.3	40.2	44	39.2	160.7	10	Ci.-S.	N. NE	9	Ci.-S.	N. NE
2	NE	NE	NE	NE	E	Calm	42.3	49.1	70.8	11.8	174	10	Ci.-S.	N.	7	A.-Cu.	Cu.-N. E
3	Calm	Calm	NE	ENE	NE	NE	16.6	48.6	56.5	32.8	154.5	5	Ci.-S.	Cu. E	8	Ci.-S.	Cu.-N. E
4	Calm	ENE	NE	NE	NE	NE	24.6	63.9	85.6	49.7	223.8	9	Ci.-S.	Fr.-N. NE	6	Ci.	Cu.-N.NNE
5	W	W	NNE	NNE	NE	N	34.8	56.1	79.2	37.3	207.4	2	Ci.	----------	2	Ci.	Cu. WNW
6	Calm	W	E	N	NE	Calm	25.5	34.8	61.7	31.1	153.1	1	Ci.	Cu.	8	A.-Cu.	Cu.-N. W
7	Calm	Calm	SE	E	NE	Calm	23	32.5	39.9	20.1	115.5	2	Ci.	----------	7	Ci. ENE	Cu. WNW
8	NW	W	SSW	SW	Calm	Calm	26.8	42.6	53.6	19.8	142.8	2	Ci.	----------	2	Ci.	Cu. WSW
9	SW	Calm	NE	NE	NE	Calm	23.5	26	61.2	32.5	143.2	2	Ci.	----------	6	Ci.	Cu.-N.
10	E	N	NNE	NNW	NW	N	24.1	49.1	102.4	69.8	245.4	3	Ci. E	Cu.	9	Ci.-S.	Cu.-N.
11	N	NNE	NE	NNE	NE	NNE	82.6	105.9	101.4	88.2	378.1	7	Ci.	Fr.-Cu.NNE	4	Ci.	Cu. NE
12	N	N	NE	NE	NE	NNE	83.4	106.2	131.7	125.8	447.1	4	Ci.	Fr.-Cu. NE	2	Ci.	Cu. NE
13	N	NNE	NNE	N	NE	NNE	101.6	115.4	99.8	82.1	398.9	1	----------	Cu. NE	8	A.-Cu.	Cu.-N. NE
14	N	N	NE	NE	N	N	77.9	88	92.8	59	317.7	3	Ci.	Cu. ENE	8	Ci.-S.	Cu.-N. NE
15	Calm	Calm	S	E	Calm	SW	23.6	30.3	33.5	34.1	121.5	1	Ci.	Cu.	10	Ci.-S.	N. WNW
16	SW	WSW	SW	SSW	S	SW	22.3	42	56.3	41	161.6	8	Ci.-S.	N. SSW	10	Ci.-S.	Fr.-N. WSW
17	SW	SW	SW	SW	S	SW	28.7	48.8	45.1	27.9	150.5	8	Ci.	Fr.-N. SW	7	Ci.	Cu.-N. SW
18	Calm	Calm	SW	WSW	SW	SW	25.2	24.1	35.6	21.1	106	2	Ci.	Cu.	10	Ci.-S.	N. ENE
19	Calm	Calm	SE	ENE	Calm	Calm	14.7	24.9	35.2	12.1	86.9	5	Ci.-S.	Cu.	5	Ci.	Cu.-N.
20	Calm	Calm	N	E	ENE	Calm	10	23.5	37.3	25.9	96.7	2	Ci.	Cu.	5	Ci.	Cu.-N.
21	N	N	NE	NE	NE	NE	19.3	33.8	31.9	27.1	112.1	9	Ci.-S.	Fr.-N. ENE	10	Ci.-S.	Cu.-N.ENE
22	Calm	NNE	NNE	Calm	NE	Calm	18.7	57.7	37	19.6	133	5	Ci.-S.	Fr.-Cu. NE	9	Ci.-S.	Cu.-N. NE
23	Calm	Calm	NE	ENE	NE	N	14.7	26.8	43.7	37	122.2	5	Ci.-S.	Cu.	7	Ci. NE	Cu.
24	Calm	NE	NE	NE	NE	N	32.7	44.6	60.9	59.7	197.9	2	Ci.	Cu.	8	Ci.-S.	N. NE
25	N	N	NNE	NNE	NNE	N	61.2	68.9	87.4	38.6	256.1	1	Ci.	Cu.	2	A.-Cu.	Cu. NE
26	N	W	NE	NNE	N	Calm	20.6	35.7	98.8	46.5	201.6	0	----------	----------	7	Ci.-S.	Cu.-N. NE
27	NW	SSE	SW	N	N	NW	27.9	37.6	108.3	35.7	209.5	4	Ci.-S.	N.	8	Ci.-S.	Cu.-N. N
28	S	NW	NNE	N	NE	W	36.2	46.5	83.2	54.1	220	10	Ci.-S.	N.	10	Ci.-S.	N. N
29	N	N	NNE	NW	N	N	77.5	91.5	101.2	86.3	356.5	10	Ci.-S.	N. N	9	Ci.-S.	Cu.-N. N
30	N	NNE	NNE	NE	N	N	114.3	133.4	118.5	86.9	453.1	10	Ci.-S.	N. NNE	9	Ci.-S.	Fr.-N.NNE
Mean	------	------	------	------	------	------	39.1	54.3	69.8	45.1	208.2	4.8	----------	----------	7.1	----------	----------
Total	------	------	------	------	------	------	-----	-----	-----	-----	6,247.4	----	----------	----------	----	----------	----------

LEGASPI.

[ϕ=13° 09′ N; λ=123° 45′ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.77 mm.]

DECEMBER, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.52	56.58	56.95	54.93	54.53	55.01	55.75	24.1	24	27.3	27.5	25.5	24.6	25.5	28.6	23.2	79	79	70	72	82	92	79	25.2
2	54.32	55.15	57.53	55.35	56.26	57.28	55.98	25.3	23.1	22.9	24.8	23.8	22.4	23.7	25.9	22.1	88	93	93	94	92	94	92.8	16.5
3	56.28	57.55	58.63	57.21	58.05	59.32	57.84	22.1	22	28.3	28.6	27	26.1	25.7	30	21.1	96	96	78	78	86	89	87.2	11.9
4	58.70	58.63	59.33	57.05	57.31	57.95	58.16	26	25.9	28.5	29.8	27.5	26	27.3	30.9	25.1	89	88	78	73	84	89	83.5	5.6
5	57.26	57.36	57.93	56.16	56.30	57.41	57.07	25.4	25.9	28.4	27	26.3	26.4	26.6	29.2	24.5	87	86	73	84	88	79	82.8	6.1
6	56.35	56.37	57.53	56.13	56.39	57.24	56.67	25.8	25.5	27.1	28.8	25.8	26	26.5	29.8	24.8	82	83	83	76	88	83	82.5	11.2
7	56.73	56.91	57.74	56.16	56.65	57.67	56.98	25.9	22.5	28.8	29.5	25.6	26.2	26.4	30.4	22.2	83	96	74	75	89	86	83.8	4.6
8	56.75	56.84	57.83	56.16	56.26	57.89	56.96	25.5	25.4	28.4	29.9	27.4	26.2	27.1	30.6	24.2	88	88	78	71	81	87	82.2	7.4
9	56.98	56.96	58.75	56.81	56.73	58.14	57.40	25.6	25.7	29.5	30.1	27.5	26.6	27.5	30.7	25	89	89	72	71	83	86	81.7	------
10	57.37	57.87	58.77	56.97	57.22	58.49	57.78	26.2	26.1	27.7	26.8	26.6	26	26.6	29	25	87	87	83	86	86	85	85.7	11.2
11	57.49	57.39	58.52	56.58	56.96	59	57.66	25.9	25.6	29	30	26.4	25.1	27	30.8	23.3	85	86	73	68	83	88	80.5	17.2
12	57.33	57.19	58.26	56.66	57.30	58.62	57.56	25.4	25.6	28.1	25.5	24.7	24.5	25.6	29.3	23.1	87	87	79	90	90	88	86.8	52.4
13	57.86	57.94	58.85	56.53	56.95	57.97	57.68	24.9	25	27.8	29.3	26.1	26.5	26.6	29.7	24.1	91	91	75	71	87	86	83.5	11
14	57.06	57.29	58.51	56.48	56.88	57.67	57.32	25.3	26	28.7	29.4	27	26.9	27.2	30.2	23.7	91	88	78	76	82	82	82.8	2.8
15	56.38	56.46	57.43	55.51	56.60	57.76	56.69	26.2	25.9	27	28.4	26.1	24.8	26.4	28.9	24.1	85	87	88	82	86	92	86.7	33.3
16	56.68	56.78	58.06	55.84	56.05	56.89	56.72	24.7	25.9	26.9	25.5	26.8	26.5	26	27.9	23.9	91	83	87	92	86	87	87.7	11.9
17	56.15	56.44	57.36	55.65	56.17	57.23	56.50	26	25.5	28	28.5	27.3	26.8	27	30.5	24.5	89	91	81	78	85	85	84.8	16.5
18	56.59	56.96	58.04	55.54	56.33	57.29	56.79	26.5	25.6	27.8	28.5	27	26.6	27	28.8	24.6	86	91	82	80	86	87	85.3	11.5
19	56.68	57.01	58.17	55.82	56.57	57.84	57.02	25.3	25.1	27.1	29.8	27.1	26.1	26.8	30.3	24.6	92	91	87	75	83	86	85.7	------
20	56.79	57.26	58.23	56.59	57.21	58.68	57.46	25.9	25.4	28.9	30.5	27.5	26.1	27.4	30.7	24.9	86	88	72	67	80	79	78.7	18.6
21	57.74	58.71	58.71	56.61	57.03	58.18	57.83	25.2	24.6	28	29	26.6	26.9	26.7	30.4	24	85	88	80	77	86	82	83	------
22	56.70	57.19	58.43	56.19	56.79	57.79	57.18	26.3	25.6	27.5	29.5	27.5	26.2	27.1	30.3	25.3	85	89	79	70	79	84	81	------
23	56.96	57.19	57.88	56.02	56.61	57.79	57.08	25.3	23.9	29	29.3	27.2	25.1	26.6	30.6	22.1	89	91	69	70	79	92	81.7	1
24	56.75	57.28	58.10	56.67	57.49	58.17	57.41	24.5	25	27.3	28.9	27	26.2	26.5	29.5	23.4	92	88	76	71	78	82	81.2	13.4
25	57.40	57.86	58.64	56.97	57.89	58.12	57.81	25.9	25.7	28.1	29.1	26.1	26	26.8	30	25.3	83	84	72	71	83	82	79.2	1.8
26	57.20	57.21	58.11	56.83	57.17	57.82	57.39	25.7	25.8	27.8	26	25.8	24.5	25.9	28.4	23.8	84	84	74	85	85	90	83.7	9.2
27	56.84	57.21	57.67	56.31	57.12	57.71	57.14	25	25.2	27.3	28.3	26.2	25.6	26.3	29.4	24.4	88	89	80	77	84	87	84.2	7.4
28	57.09	58.03	59.10	57.89	58.11	59	58.20	25.2	25.4	24.4	24.9	24.8	23.9	24.8	26.3	23.3	89	89	91	87	85	91	88.7	61
29	57.82	57.93	58.77	56.55	57.70	58.34	57.85	23.6	23.8	24.8	25.8	23.7	24.6	24.4	25.9	23	91	91	92	88	93	88	90.5	49.8
30	57.47	57.56	58.45	56.46	57.09	58.51	57.59	24.9	24.4	26.3	27.4	24.6	23.6	25.2	28.7	22.8	87	88	84	80	92	94	87.5	53.4
31	57.17	57.71	58.58	56.82	58.05	58.99	57.89	24.2	23.8	28.2	29.1	26.8	25.5	26.3	29 5	23.6	92	94	79	78	86	91	86.7	3
Mean	56.95	57.25	58.22	56.37	56.90	57.93	57.27	25.3	25	27.6	28.2	26.3	25.6	26.3	29.4	23.8	87.6	88.5	79.4	77.8	85.1	86.9	84.2	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	174.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Mid-night.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	N	NNE	NW	N	N	N	93.9	101.6	106.5	106	408	1	Ci.	Cu.	8	Ci.-S.	Cu.-N.NE
2	N	Calm	S	Calm	W	W	76.6	27.2	23.6	19	146.4	10	Ci.-S.	N.	10	Ci.-S.	N. NE
3	W	Calm	NE	ENE	NNE	NNE	16.3	29.2	41.6	49.9	137	2	A.-Cu. ESE	Cu.	7	Ci.-S.	N. ESE
4	N	NNE	NNE	NNE	N	NNE	40	46.2	53.3	71.1	210.6	3	----------	Cu.-N. ENE	2	----------	Cu. ENE
5	N	NNE	NNE	NNE	NE	NE	77	91.2	79.9	87.4	335.5	9	Ci.-S.	N. NE	9	Ci.-S.	N. NE
6	NE	N	NE	NE	NNE	NNE	71.8	80.7	83.1	89	324.6	1	----------	Cu. NNE	3	----------	Cu.-N.NE
7	N	Calm	NNE	E	N	NNE	34.6	60.4	64.1	66.3	225.4	4	Ci.-S.	N. ENE	3	----------	Cu.-N.NE
8	N	N	NE	NE	NE	NE	39.1	55.8	77.9	40.7	213.5	8	Ci.-S.	N. ENE	2	----------	Cu. ENE
9	N	N	NE	NE	NE	NNE	49.9	66.3	74	47.8	238	2	Ci.	Cu.	6	Ci.	Cu. ENE
10	N	NNE	NNE	N	N	N	54.7	65.4	58.5	43.1	221.7	4	----------	cu.-N. ENE	10	Ci.-S.	N. ENE
11	N	NNE	ENE	NNE	NNE	ENE	56.9	83.7	88.5	84.2	313.3	1	Ci.	Cu.	4	Ci. ENE	Cu. NE
12	N	N	NE	E	NNE	NNE	82.6	98.8	84.8	66.2	332.4	10	Ci.-S.	N. E	10	Ci.-S.	N. NE
13	N	N	N	NE	NNE	NE	66	82.3	95.5	90.3	334.1	1	Ci.	Cu. ENE	4	Ci.	Cu. ENE
14	NE	NNE	NNE	NE	NE	NE	75.3	97.9	104.6	99.2	377	2	----------	Cu.-N. E	7	Ci.	cu.-N.ENE
15	N	NNE	NNE	NE	NE	NE	102	90.4	86.4	66.3	345.1	9	Ci.-S.	N. ENE	8	Ci.-S.	cu.-N.ENE
16	N	N	NE	NE	NE	NNE	74.8	85.3	88.8	86.1	335	6	Ci.-S.	cu.-N. ENE	10	Ci.-S.	N. E
17	NE	NE	NE	ENE	NE	NE	45.6	65.5	78.6	83.1	272.8	8	Ci.-S.	N. ENE	8	Ci.-S.	Cu. ENE
18	NE	NNE	NE	NE	NE	NNE	62.2	57.9	70	52.1	242.2	10	Ci.-S.	N. SE	8	Ci.-S.	Cu.-N. E
19	NE	NNE	NE	NE	NE	N	29.5	57.9	73.5	42	202.9	2	Ci.	Cu. ESE	5	Ci.	Cu.
20	N	N	NE	NE	NE	NE	36	62.3	68.7	74.5	241.5	6	Ci.-S.	cu.-N. ENE	4	Ci.	Cu. NE
21	NE	ENE	NNE	NE	NE	NE	49.1	65.7	80.3	58.2	253.3	10	Ci.-S.	N. ENE	8	Ci.-S.	Cu.-N.NE
22	N	NE	NE	NE	NE	N	47.7	44.9	67.3	61.5	221.4	7	A.-Cu. E	Cu. ENE	6	Ci. SE	cu.-N.ENE
23	N	Calm	NE	NE	NE	Calm	32.8	44.9	69	30.9	177.6	2	Ci.	Cu.	2	----------	Cu.-N.
24	N	N	NE	ENE	NE	N	25.2	58.2	65.5	59.3	208.2	1	Ci.	Cu.	4	Ci.	Cu.-N. E
25	N	N	NE	NNE	NE	NNE	55.2	69.8	86.7	67.8	279.5	2	Ci.	Cu.	6	Ci.-S.	cu.-N.ENE
26	N	NNE	NE	NE	NE	NE	73.2	82.9	76.1	71.8	304	9	Ci.-S.	N. NE	10	Ci.-S.	N. ENE
27	NE	NNE	NE	NE	NE	NNE	84.8	82.7	112.7	90.9	371.1	10	Ci.-S.	N. ENE	8	Ci.-S.	cu.-N.ENE
28	NE	NE	NE	NE	NE	NNE	84.3	129.2	182	150.7	546.2	10	Ci.-S.	Fr.-N. E	10	Ci.-S.	Fr.-N.NE
29	NE	NNE	NE	NE	ENE	NE	125.3	116.4	125.3	79.5	446.5	10	Ci.-S.	N. ENE	10	Ci.-S.	Fr.-N. E
30	NE	N	NE	NE	NE	N	50.5	52.9	71.8	59.7	234.9	5	Ci.-S.	N. E	6	A.-Cu. SE	Cu.-N.
31	N	Calm	NE	NE	N	N	29.3	23.6	63.8	36.2	152.9	8	A.-Cu. W	Cu.	8	Ci.-S.	Cu.-N. SE
Mean	-----	-----	-----	-----	-----	-----	59.4	70.2	80.7	68.7	279.1	5.6	----------	----------	6.6	----------	----------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	8,652.6	----	----------	----------	----	----------	----------

ATIMONAN.

[ϕ=14° 00′ N; λ=121° 55′ E; barometer above sea, 4.1 meters; gravity correction not applied, —1.74 mm.]

JANUARY, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.46	57.65	59.40	56.67	57.54	56.54	57.71	24.6	26.1	26.7	26.5	26.1	25.6	25.9	27	24	95	87	85	84	87	90	88	31.3
2	55.21	55.07	56.36	53.76	54.96	55.98	55.22	24.4	24.5	25	26.5	24.4	24.8	24.9	26.9	23.4	94	96	96	88	93	90	92.8	37.1
3	55.31	55.51	57.21	55.42	56.74	58.43	56.44	24.9	24.7	26.7	26.3	25.3	24.4	25.4	28.5	23.5	94	95	89	93	92	92	92.5	12.2
4	57.92	59.38	60.72	58.54	59.50	60.41	59.41	23.4	23.2	28	27	25.5	24.2	25.2	30	22.9	97	97	83	88	93	92	91.7	18.8
5	60.06	60.33	61.44	59.34	59.69	60.85	60.28	23.3	23	27.7	27.8	26.4	26.3	25.8	31	22.6	97	99	87	83	87	86	89.6	------
6	60.26	59.96	61.35	59.69	59.99	60.80	60.34	24.9	25.1	28	27.1	25.8	25.6	26.1	28.7	24.2	92	89	81	80	86	90	86.3	3.6
7	60.03	60.04	60.99	59.31	59.84	60.81	60.17	25.2	25.3	27.9	28.3	25.6	24.1	26.1	29	23	92	93	83	76	90	94	88	1.5
8	60.19	60.99	62.15	60.62	61.12	62.29	61.23	23.1	22.5	27	28.4	27.2	26.6	25.8	29.7	22.2	97	99	82	77	84	87	87.7	3
9	61.94	62.54	63.37	61.02	61.79	63.14	62.30	25.9	25.8	28.1	27.8	27	25.9	26.8	29.3	24.9	88	89	74	78	83	87	83.2	6.8
10	61.50	62.53	63.84	61.33	61.64	63.08	62.32	26	24.9	27.9	27.6	26.8	26.5	26.6	28.9	24.2	85	92	79	79	83	84	83.7	7.4
11	62.34	62.76	64	61.39	61.80	62.52	62.47	24.6	25.9	25.8	26.9	26.3	26.2	26	27.3	24	94	85	85	82	86	84	86	5.1
12	61.40	61.52	62.68	60.62	61.45	61.88	61.59	26	26.2	27	27	26	26	26.4	27.3	24.3	82	81	77	76	83	84	80.5	10.4
13	60.81	60.68	62.49	60.09	60.09	60.72	60.81	25.6	25.7	25.6	26.4	26.3	25.9	25.9	27.7	24	87	86	84	80	89	89	85.5	18.2
14	59.38	59.16	60.55	57.70	58.15	58.60	58.92	25.4	25.4	25.9	25.4	25.5	25	25.4	26.5	24.2	86	85	82	88	88	90	87	11.1
15	57	56.05	57.92	55.85	56.67	58.01	56.92	25.7	25.4	25.4	25.5	25	24.9	25.3	26.2	23.6	88	91	89	88	90	90	89.8	9.4
16	57.86	57.86	59.74	58.18	59.36	60.82	58.89	24.8	24.4	24.5	23.4	23.9	24.4	24.2	25.5	22	85	81	82	89	78	72	81.2	8.6
17	59.98	59.95	61.41	59.73	60.04	61.34	60.41	24.4	23.9	24.4	24.9	24.5	24.2	24.4	25.3	22.7	68	72	69	58	66	69	66.8	1.8
18	60.49	60.76	62.21	60.30	60.70	61.69	61.02	23.7	23	24.8	24.5	24	23.3	23.9	26.2	22.2	72	79	65	67	78	84	74.2	6.4
19	60.61	60.73	62.31	60.85	61.30	61.64	61.24	23	24.5	24.7	25.4	24.9	24.6	24.5	26.8	22.6	86	71	73	70	72	73	74.2	------
20	60.69	60.74	62.09	59.90	60.45	60.56	60.74	24.1	24	25.5	26.7	24.6	24.5	24.9	26.8	23.5	78	78	77	71	74	75	75.5	------
21	59.58	59.45	60.66	58.66	59.08	59.81	59.54	23.7	24.5	26.6	26.3	24	23.1	24.7	26.8	22.4	79	71	69	67	87	90	77.2	------
22	58.56	58.61	59.89	57.34	58.10	58.60	58.52	24.5	24.7	24.8	25.5	24.6	25.3	24.9	25.8	23.3	82	81	81	79	87	80	81.7	8.9
23	57.61	58.13	59.33	56.87	58.19	59.01	58.20	24.6	24.1	24.6	24.9	25	24.4	24.6	26.2	23.7	87	91	94	97	93	97	93.2	34.3
24	58.58	58.85	60.26	58.41	59.88	60.89	59.48	25	25	25.7	26	24	23.7	24.9	26.6	23	91	88	84	83	91	93	88.2	40.8
25	60.11	60.32	62.31	60.16	60.44	61	60.72	23.7	23.7	23.5	24.5	23.7	24	23.8	25.1	22.8	92	93	96	91	94	94	93.3	23.7
26	60.29	59.76	61.04	59.08	59.85	60.89	60.15	23.6	23.6	24.5	25.6	25.3	23.8	24.4	25.8	23	97	96	90	90	91	97	93.5	52.3
27	59.63	59.08	60.03	57.90	58.69	59.58	59.16	24.6	25	25.6	26.4	25.5	25.6	25.4	27.2	23.7	95	92	89	86	93	90	90.7	10.4
28	58.61	58.82	59.58	57.35	58.51	59.49	58.73	24.5	24.7	27.6	26.9	26.2	24.7	25.8	28.2	23.9	96	96	83	84	86	94	89.8	6.1
29	58.32	57.86	59.54	57.24	57.82	59.12	58.32	25.6	24.7	23.9	26	24.8	24.8	25	26.4	23.4	87	93	92	84	89	90	89.2	14.6
30	58.01	58.06	59.28	57.52	57.92	58.89	58.28	25	25.2	25.8	24.7	24.4	23.8	24.8	25.9	23	87	86	81	86	89	93	87	24.5
31	57.85	57.44	58.38	56.91	56.82	58.07	57.58	24.4	23.6	23.9	24.6	24.1	23.7	24	25.4	23.2	89	95	97	91	92	94	93	3.3
Mean	59.29	59.38	60.73	58.64	59.29	60.18	59.58	24.6	24.6	25.9	26.2	25.2	24.8	25.2	27.2	23.3	88.4	88	83.2	81.7	86	87.4	85.8	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	411.6

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	N	N	N	N	N	N	132.3	199.9	200.9	195	728.1	10	Ci.-S.	S.-Cu. NE	10	Ci.-S.	Fr.-N. NE
2	N	NbyW	N	NE	E	E	246.4	225.8	169.4	89.7	681.3	10	Ci.-S.	N. NNE	10	Ci.-S.	S.-Cu. NE
3	NE	NNE	NE	E	Calm	Calm	33	37.2	47	34.6	151.8	8	A.-Cu. E	N. ENE	9	Ci.-Cu.	S.-Cu. SE
4	Calm	Calm	SE	S	Calm	S	21.5	49.7	37.8	45.1	154.1	4	A.-S.	S.-Cu. S	8	Ci.	Fr.-N. SSE
5	SW	SwbyS	S	N	NW	NE	46.2	29.8	48.8	81	205.8	7	A.-Cu. E	S.-Cu. E	6	A.-Cu. E	N. SE
6	NE	NE	NE	NE	NNW	N	51.8	72.1	88.3	117.3	329.5	8	Ci.	S.-Cu. NE	8	A.-Cu. E	S.-Cu. N
7	N	N	N	N	Calm	N	84.5	33.6	44.8	88.9	201.3	7	Ci. SW	S.-Cu. NE	8	A.-Cu. ESE	S.-Cu. ESE
8	N	N	Calm	N	NE	NE	53.9	34.6	100.3	109.4	298.2	4	Ci. S	Fr.-S. E	4	A.-Cu. SE	Cu. ENE
9	NE	NE	NE	NE	NE	NE	93.5	151	176	112.9	533.4	8	Ci.	S.-Cu. NE	9	Ci.	S.-Cu. NE
10	NE	E	ENE	NE	NE	NE	102.8	114.1	180.5	185.9	583.3	9	Ci.	N. E	9	A.-Cu. E	S.-Cu. NE
11	NE	NE	NE	NE	NE	NE	230.7	232.4	212.7	188.5	864.3	9	A.-S.	S.-Cu. NNE	9	Ci.-Cu.	S.-Cu. NE
12	NE	NE	NE	NE	NE	NE	210	241.7	249.5	202.3	903.5	4	Ci.	Fr.-S. NE	9	Ci.	N. NE
13	NE	NE	NNE	NNE	NNE	NNE	217.8	256.7	247.5	236.1	958.1	10	A.-Cu.	N. NE	8	A.-Cu.	S.-Cu. NNE
14	NE	NbyE	NNE	NbyW	N	N	246	262.5	281.8	279	1,069.3	10	----------	N. NE	10	----------	N. NNE
15	N	NbyW	N	NNW	N	N	277.3	290.3	323.8	352.5	1,243.9	10	Ci.-S.	N. NNE	10	Ci.-S.	N. N
16	NNE	N	N	N	N	N	327.4	346	308.4	308.5	1,290.3	10	Ci.-S.	N. N	10	Ci.-S.	N. NNE
17	N	N	N	NbyE	NNE	NNE	260.4	300.8	285.9	242.7	1,089.8	10	A.-Cu. NE	S.-Cu. NNE	7	Ci.	S.-Cu. NNE
18	N	N	NNE	NNE	NNE	NNE	247.2	271.5	252.9	201	972.6	10	----------	N. NNE	8	Ci.	S.-Cu. NNE
19	NNE	NNE	NNE	NNE	NNE	NNE	207.1	248.5	248.5	224	928.1	9	Ci.	N. NE	9	A.-Cu.	S.-Cu. NNE
20	NEbyN	NEbyN	NNE	NEbyN	NNE	NNE	200.6	187.3	209	182.7	779.6	10	A.-Cu. ENE	S.-Cu. NNE	9	Ci.	S.-Cu. NEbyN
21	NNE	NNE	NNE	NNE	NNE	NNE	136.8	109.7	167.1	136.8	550.4	10	Ci.-Cu.	S.-Cu. NNE	10	Ci.	S.-Cu. NNE
22	N	N	NNW	N	NNE	NNW	140.6	156.6	167.9	151.3	616.4	9	Ci.-Cu.	N. NNE	10	Ci.-S.	N. NNE
23	NNW	NNW	NWbyN	NNW	NbyW	NNW	157.5	123.4	135.7	135.4	552	10	----------	N. N	10	----------	N. N
24	NNW	NNW	N	NNE	NNE	NNE	152.6	241.1	269.3	279.2	942.2	10	Ci.-Cu.	N. N	10	Ci.	N. NNE
25	NNW	NNW	N	N	NbyE	NNE	286.2	248	228	222.1	984.3	10	----------	N. NNE	10	Ci.	N. NNE
26	NNE	NNE	NNE	N	NNE	NNE	223.9	212.4	231.87	107.2	775.3	10	Ci.-Cu.	N. NE	10	Ci.-Cu.	N. NNE
27	NNE	NNE	NNE	NNE	NNE	NNE	130.4	160.9	175.7	172.7	639.7	10	Ci.	N. NEbyN	9	A.-Cu.	S.-Cu. NNE
28	NNE	NNE	NNE	NNE	NNE	NNE	102	80.5	146.1	116.9	445.5	8	Ci.-Cu.	S.-Cu. ENE	10	Ci.-Cu.	S.-Cu. ENE
29	NNE	NNE	NNE	NNE	NbyE	NNE	152.6	162.8	143.4	167.6	626.4	10	Ci.	N. NE	10	Ci.	S.-Cu. NE
30	NNE	NNE	NbyE	NNE	NNE	NbyE	174.1	186.9	155.3	140.6	656.9	10	Ci.	N. NNE	10	Ci.	N. NNE
31	NNE	NbyE	NNW	NWbyN	NNW	NNW	146.6	158.3	152.4	87.1	544.4	10	----------	N. N	9	A.-Cu.	S.-Cu. N
Mean	------	------	------	------	------	------	164.3	175	183.4	164.3	687.1	8.8	----------	----------	9	----------	----------
Total	------	------	------	------	------	------	------	------	------	------	21,299.8	----	----------	----------	----	----------	----------

ATIMONAN.

[ϕ=14° 00′ N; λ=121° 55′ E; barometer above sea, 4.1 meters; gravity correction not applied, —1.74 mm.]

FEBRUARY, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.26	57.38	58.65	56.96	57.19	58.30	57.62	24.6	25	27.6	26.6	25.1	25.1	25.7	27.7	23.8	88	88	83	77	89	88	85.5	------
2	57.67	57.63	59.06	56.86	57.24	57.90	57.73	24.7	24.8	25.8	26.5	25.4	25.3	25.4	27.5	23 9	91	89	88	86	90	86	88.3	4.1
3	57.18	57.40	59.01	56.57	56.83	58.06	57.51	24.4	24.5	26.3	28.1	27	24.6	25.8	30.8	23.9	90	92	82	77	84	87	85.3	------
4	57.61	57.49	59.23	56.55	56.40	57.53	57.47	23.4	22.8	26.6	28.4	26.3	24.3	25.3	30	22.6	94	97	86	74	82	94	87.8	.8
5	57.21	57.74	58.85	56.84	57.10	58.40	57.69	23.2	22.8	28.9	29.9	27.7	24	26.1	31.9	22.2	98	97	82	73	79	91	86.7	------
6	58.24	59.03	59.80	57.53	56.80	57.96	58.23	22	21.4	26.5	28.4	27.3	22.5	24.7	29.4	20.4	96	96	80	79	82	96	88.2	------
7	57.59	57.82	58.55	56.38	56.36	57.08	57.20	21.5	20.9	26	29	25.8	21.7	24.2	30.2	19.6	95	92	82	55	70	85	79.8	------
8	56.90	57.46	58.63	56.68	56.79	58.59	57.51	18	16.5	26.2	31	25	20.5	22.9	31.4	16.1	90	93	43	50	76	95	74.5	------
9	58.82	59.47	60.49	58.87	59.30	60.35	59.55	18	17.4	25.9	27.9	25.7	22.6	22.9	28.6	16.7	96	92	69	62	78	92	81.5	------
10	60.34	60.41	62.10	60.27	60.10	61.52	60.79	21	20.3	27.7	27.6	26.4	25.8	24.8	29.3	19.9	95	95	70	68	74	78	80	5.1
11	60.32	60.64	62.30	60.22	60.74	61.81	61	25.8	24.5	25.8	27.2	24.7	24.5	25.4	27.9	23.3	75	83	78	75	87	89	81.2	1
12	60.48	60.70	62.25	60.22	60.05	61.92	60.94	23.2	22.1	26.5	29.4	27	25	25.5	30.2	21.6	96	96	80	69	77	85	83.8	.5
13	60.81	61.01	62.20	59.98	60.52	62.41	61.16	22.4	21.1	27.3	28.3	25.8	25.2	25	29.5	20.6	91	96	73	71	85	88	84	8.9
14	61.45	61.84	63.24	60.76	60.18	61.14	61.44	24.8	24.2	23.7	24.9	23.7	24.1	24.2	24.9	22.8	89	89	90	82	91	90	88.5	7.4
15	60.12	60.20	61.85	59.26	59.72	60.98	60.36	23.5	24	25.8	27.4	25.6	25	25.2	28.3	23.3	94	91	85	78	84	91	87.2	.8
16	60.15	60.43	62.27	59.68	59.95	61.30	60.63	24.3	23.5	26.5	27.2	26.4	26	25.6	27.8	22.7	90	93	80	79	81	84	84.5	------
17	59.69	59.78	61.24	58.54	58.77	59.99	59.67	25.9	25	27.6	28.5	26.5	26.5	26.7	29.1	24.4	85	92	83	77	88	84	84.8	3.6
18	58.52	58.78	60.11	57.72	57.75	58.67	58.59	23.4	23	27	27.8	26.5	26.5	25.7	28.8	22.3	93	91	83	82	84	85	86.3	------
19	57.62	57.92	58.98	56.99	57.64	58.25	57.90	26.4	26	27.6	27.7	25.6	25.2	26.4	29.4	24.5	83	85	80	76	87	85	82.7	1.8
20	57.49	57.65	58.83	56.89	56.77	58.23	57.64	25.6	25.5	28.1	27.4	27	26.5	26.7	29.3	24.6	87	90	83	84	82	90	86	------
21	57.87	57.60	58.96	57.03	56.76	58.11	57.72	26	26.3	26.9	29.3	27	26.6	27	30.2	25.6	88	88	86	77	87	89	85.8	.5
22	57.91	57.84	59.18	57.24	57.60	58.41	58.03	26.3	26.1	29	24.9	25	24	25.9	30.4	23.2	89	87	74	92	95	96	88.8	13.7
23	57.63	57.99	59.52	57.17	57.31	58.71	58.06	23.1	22.5	28.4	29	26.4	25	25.7	30	22.2	97	97	82	74	90	98	89.7	5.1
24	57.68	57.93	59.49	57.99	57.80	58.79	58.28	23.9	22.6	26.8	28.9	27	26.4	25.9	29.6	22.1	97	98	86	74	73	78	84.3	------
25	58.30	58.66	60.24	57.96	57.66	58.81	58.60	25.8	24.4	27.2	27.7	26.8	26.4	26.4	28.6	23.2	79	87	76	76	78	79	79.2	------
26	58.45	58.20	60.43	58.19	57.63	58.95	58.64	25.6	25.3	28	28	26.8	26.1	26.6	29.9	24	84	84	79	77	80	83	81.2	------
27	57.32	58.27	59.80	58.02	57.99	59.21	58.44	24	24.8	26	25.7	25.5	25.1	25.2	29	23.2	89	85	84	83	76	81	83	26.3
28	58.14	58.71	60.52	58.20	57.91	59.48	58.83	25.5	25.4	28	27.6	26.5	26.3	26.6	29.2	23.7	80	82	74	72	75	76	76.5	------
29	58.44	58.74	60.42	58.67	57.65	59.48	58.90	26	25.8	26.8	27.7	27.1	26.8	26.7	28.2	25.4	80	84	80	75	76	78	78.8	------
Mean	58.52	58.77	60.21	58.08	58.09	59.32	58.83	23.9	23.4	26.9	27.9	26.2	25	25.5	29.2	22.5	89.6	90.7	79.3	75	82.1	86.9	83.9	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	79.6

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Mid-night.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NNW	NNW	NbyW	N	NNW	NNE	99.2	96.8	123.3	111.3	430.6	8	A.-Cu.	S.-Cu. NE	8	A.-Cu.	S.-Cu. NNE
2	NNW	NbyW	NNW	NWbyN	NNW	NNW	111	102.5	111.6	97.2	422.3	10	A.-Cu. SE	S.-Cu. NE	10	A.-Cu. SE	S.-Cu. ENE
3	NWbyN	NNW	NW	NNW	NW	NNW	45.4	33.5	45.3	47.3	171.5	7	Ci.	N. NW	4	Ci.	Cu. SW
4	NWbyN	NWbyN	WNW	SW	SW	SW	42.3	42.6	39.4	32.2	156.5	5	A.-Cu. W	S.-Cu.	8	A.-Cu.	S.-Cu. SW
5	SW	SW	SSW	Calm	WSW	WSW	49.1	35.6	30.9	51.7	167.3	9	A.-Cu. SW	S.-Cu. SW	9	A.-Cu.	Cu.-N. SW
6	WSW	SWbyW	SWbyW	NW	NW	NW	66.2	55.8	69	54.1	245.1	2	A.-Cu.	Cu.	1	----------	Cu.
7	WSW	WSW	WbyN	SbyW	SW	SW	70	47.2	50.7	76.1	244	4	----------	S.-Cu. SE	1	----------	Cu.
8	SW	SW	Calm	SE	SE	SW	97.4	63	34.9	78.4	273.7	1	----------	S.	1	A.-S.	Fr.-Cu. SW
9	SW	SW	WbyN	NWbyN	NW	NW	99.3	66.5	75.1	33	273.9	1	----------	Cu.	1	----------	Cu.
10	NW	WSW	NNE	NbyE	NNE	NNE	60.9	84.7	154.3	143.2	443.1	3	Ci.	Cu. NE	2	Ci.	Cu. NNE
11	NE	ENE	NNE	NNW	NNE	NNE	128.1	89.9	133.3	128.7	480	9	A.-Cu.	S.-Cu. ENE	9	A.-Cu.	S.-Cu. N
12	SSE	S	WNW	NNE	NEbyE	Calm	41.5	40.8	102.7	46.7	231.7	10	A.-Cu. E	S.-Cu.	6	Ci.-S.	Cu. ENE
13	ESE	S	SSE	NW	NWbyN	NNW	50.5	38	108.1	101.4	298	4	Ci.-Cu.	S.	9	A.-Cu.	Cu.-N. NE
14	NNW	NWbyN	NNW	NNW	NNW	NNW	163.1	225.6	209.2	142.4	740.3	10	A.-Cu.	N. N	10	A.-Cu.	S.-Cu. NNE
15	N	N	NNW	N	NNE	NNE	72.1	64.1	103.8	71	311	10	A.-Cu.	S.-Cu. NE	9	A.-Cu.	Cu.-N. NNW
16	N	Calm	NNW	NWbyN	NWbyN	NWbyN	34.6	74.6	91.1	64.6	264.9	10	A.-Cu.	S.-Cu. NW	8	Ci.	Cu.
17	NNW	NNW	NWbyN	NWbyN	NWbyN	NWbyN	60.2	90.9	133.6	119.4	404.1	6	Ci.	S.-Cu. NW	6	A.-Cu. E	Cu.
18	NW	WbyN	NW by W	NW	NW	NNW	44	63.6	130.4	115.3	353.3	6	Ci.-Cu.	S.-Cu.	8	Ci.	S.-Cu. N
19	NNE	NNE	NNE	NNE	NNE	NNE	104	87.7	160.9	112	464.6	10	A.-Cu.	S.-Cu. NE	10	A.-Cu.	S.-Cu. E
20	NNE	NNE	NNE	NNE	NbyW	NNE	58.1	36.7	47.3	61.4	203.5	10	Ci.-Cu.	S. SE	10	A.-Cu. E	Cu.
21	NNE	NbyE	NNE	NNW	NNE	NNE	81	83.9	87.1	84	336	10	A.-Cu.	S.-Cu. NE	9	A.-Cu. SE	Cu.-N.
22	NNE	NNE	NNE	NNE	EbyN	NNE	39.1	80	87.9	28	235	10	Ci.-Cu.	S.-Cu. E	10	A.-Cu.	N. E
23	NE	NE	NE	NNW	NNE	Calm	33.8	32.5	69.2	35.2	170.7	2	Ci.	Cu.	4	Ci.-S.	Cu. NE
24	SE	S	Calm	NW	NNW	NNW	56.9	37.5	88	73	255.4	3	Ci.-Cu.	Cu.	6	Ci.-S.	Cu. E
25	NNW	Calm	NNW	NNW	NNW	N	58.5	50.5	110	72.1	291.1	3	Ci.	Cu.	9	Ci.-Cu.	Cu.
26	NNE	NNE	NNE	NNW	N	NNE	62.6	48.1	97.9	90.1	298.7	8	Ci.-Cu.	S.-Cu. NNE	8	Ci.-Cu.	S.-Cu. NNE
27	NNE	NNE	Calm	NNE	NNE	NNE	41.3	68.1	137.3	100.3	347	9	Ci.-Cu.	N. NNE	9	Ci.-Cu.	N. NNE
28	NNE	NE	NNE	NNE	NNE	NNE	85.3	127.7	154.8	107.8	475.6	3	Ci.	Cu. NE	6	Ci.	Cu. NNE
29	NNE	NbyW	NWbyN	NWbyN	NNW	NNE	163.2	166	179.6	159.5	668.3	4	Ci.	S.-Cu. NNE	8	A.-Cu. E	S.-Cu. NNE
Mean	-----	-----	-----	-----	-----	-----	73.1	73.6	102.3	84	333	6.4	----------	----------	6.9	----------	----------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	9,657.2	----	----------	----------	----	----------	----------

ATIMONAN.

[ϕ=14° 00′ N; λ=121° 55′ E; barometer above sea, 4.1 meters; gravity correction not applied, —1.74 mm.]

MARCH, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1	58.76	59.30	61.53	59.94	59.97	60.98	60.08	26.6	26	26.9	26.7	26	25.5	26.3	27.8	25.2	79	78	73	74	72	75	75.2	------
2	60	59.94	61.42	59.40	59.46	61.09	60.22	25.4	25	27.3	27.3	25	24.6	25.8	29.4	23.8	73	76	69	71	76	77	73.7	------
3	60.18	60.28	61.99	59.67	59.73	61.39	60.54	23.9	24	28.6	28.7	27	25.7	26.3	30.8	23.6	81	79	66	64	70	76	72.7	------
4	60.58	60.81	62.29	59.66	59.73	61.59	60.78	23	21.6	27	28.5	26.9	25.9	25.5	29.4	21.4	91	95	77	72	82	85	83.7	------
5	60.19	60.53	61.80	59.64	59.74	60.44	60.39	25.3	25.5	25.6	25.8	25.5	26	25.6	26.5	24.3	86	80	85	81	84	79	82.5	7.1
6	59.34	59.38	60.89	57.84	58.40	59.33	59.20	25.8	25.5	25.8	26.3	25	25.5	25.6	27.1	23.3	78	78	77	90	91	89	83.8	.8
7	58.02	57.85	59.39	57.27	57.34	58.38	58.04	24.7	24.9	27	27.8	26.4	24.5	25.9	29.4	23.2	92	90	80	74	81	87	84	------
8	57.64	58.62	60.29	57.71	57.54	59.78	58.60	22.8	22.7	28.1	29.5	27.4	26.8	26.2	30.2	22.2	98	97	84	77	85	86	87.8	12.2
9	59	59.68	61.27	59.42	59.65	60.28	59.88	25	25.3	28.2	26.6	26	26.1	26.2	28.8	24.5	98	89	76	87	84	81	85.8	3
10	58.90	59.41	60.45	58.44	58.10	59.14	59.07	24.9	25.7	27.6	29.2	27	25	26.6	30.1	23	84	82	76	70	77	88	79.5	------
11	58.62	58.77	60.47	58.73	58.56	60.29	59.24	22.5	22	27.6	28.1	27.4	26.8	25.7	28.6	21.3	95	95	75	70	73	77	80.8	------
12	59.54	59.94	61.75	59.38	59.03	60.95	60.10	26.5	26.3	26.3	27.8	27.5	26	26.7	28.7	24.8	80	82	82	74	76	84	79.7	------
13	60.12	60.45	62.23	60.20	59.79	61.49	60.71	25.8	25.6	27.4	27.7	26.9	26.5	26.6	28.4	25.1	84	87	79	81	83	86	83.3	------
14	60.20	59.90	60.64	58.91	58.93	60.52	59.85	26.1	25.5	27.3	29.4	26.5	26.4	26.9	30.7	25.4	88	93	82	74	84	82	83.8	4.8
15	59.32	59.27	59.53	57.94	58.79	60.27	59.19	26.1	26	27.9	30	27.4	26.2	27.3	31.4	25.2	83	82	74	70	81	85	79.2	------
16	58.92	59.39	61	59.29	58.65	60.74	59.66	26.4	26.4	27.6	27.4	27	26.9	27	30.4	25.9	80	79	73	74	80	80	77.7	------
17	59.58	60.05	61.61	59.28	59.09	61.12	60.12	26.3	26	30.2	28.6	27.5	26.5	27.5	31.8	25.3	83	84	72	75	79	85	79.7	5.3
18	60.12	60.07	60.86	59.02	59.07	61.20	60.06	25.6	25.7	28.7	27.4	26.9	25.3	26.6	30.2	23.8	89	86	76	78	79	86	82.3	------
19	60.21	60.14	61.17	58.66	58.45	59.78	59.74	22.7	22.3	29.4	29.5	27	26.8	26.3	30.2	21.6	97	97	70	71	80	82	82.8	------
20	58.59	59.56	60.23	58.84	58.59	59.92	59.29	25.6	23.3	28.9	28.5	27.5	27	26.8	31.7	22.2	87	95	75	77	81	83	83	------
21	59.22	59.56	61.02	59.26	59.03	61.10	59.86	25.6	23.5	30	29.8	27.8	27.2	27.3	31.6	23.2	87	96	73	73	75	78	80.3	------
22	60.10	60.70	61.89	60.22	60.06	61.69	60.78	26	26.2	28.4	28.9	27.4	26.9	27.3	30	25.8	85	82	72	71	74	77	76.8	------
23	60.99	61.23	62.64	60.92	61.04	62.69	61.58	26.6	26.5	28.7	29.1	27.6	27.2	27.6	30.3	25.8	79	79	71	70	78	78	75.8	12.4
24	62	62.38	63.74	62.21	62.32	63.43	62.68	26	25.2	27.2	25	26	25.9	25.9	27.6	24.2	84	88	78	89	80	79	83	9.1
25	62.38	62.35	63.75	61.18	61.45	62.62	62.29	25.8	25.6	27.4	28.4	26.7	26	26.6	29.7	25	77	79	74	70	79	80	76.5	------
26	61.80	62.19	63.25	60.86	60.94	61.78	61.80	25.4	25	27.9	28.1	26.9	26.6	26.6	30	24.7	86	83	71	70	77	79	77.7	------
27	61.12	61.42	62.51	60.49	60.77	62.53	61.47	26.1	25.7	28.9	28.6	27.5	26.6	27.2	30.8	25.4	82	84	71	75	77	81	78.3	------
28	61.48	61.18	62.04	59.70	59.84	61.23	60.91	25.9	25.8	29.3	29.4	27.2	26.7	27.4	30.7	25.6	85	84	71	74	81	83	79.7	------
29	59.73	60	60.68	58.56	58.69	60.22	59.65	26.5	26.2	28.5	28.9	27.3	27	27.4	29.5	25.7	80	80	70	71	80	80	76.8	------
30	58.97	59.68	60.39	58.33	58.47	59.33	59.20	26.6	26.4	29	28	27.5	27.2	27.4	30.7	25.8	82	81	73	74	77	79	77.7	------
31	58.55	58.97	59.88	57.71	58.06	59.24	58.74	26.6	26.5	29	29.2	27.7	26.8	27.6	30.2	24	83	83	71	70	76	80	77.2	------
Mean	59.81	60.10	61.37	59.31	59.33	60.79	60.12	25.4	25.1	28	28.2	26.9	26.3	26.6	29.8	24.2	85	85.3	74.7	74.5	79.1	81.5	80	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	54.7

Day.	Wind.										Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NNE	NNE	NNE	NNE	NNE	NEbyN	231.6	278.9	245.1	227.4	983	6	Ci.-Cu.	S.-Cu. NNE	10	A.-Cu.	S.-Cu. NNE
2	NNE	NNE	NE	EbyN	NE	NE	212.1	155.3	155.8	133.1	656.3	10	A.-Cu.	N. NNE	5	A.-Cu.	S.-Cu. NE
3	ENE	ENE	ENE	ENE	Calm	Calm	68.6	60.9	43.2	50.5	223.2	9	A.-Cu. SE	S.-Cu. ENE	10	A.-Cu. SE	N.
4	S	SSW	SSW	WNW	NNE	NNE	58.9	50.9	76.7	70.8	257.3	6	Ci.	Cu.	10	A.-Cu.	S.-Cu.
5	NNE	NNW	NNE	NNE	N	NNE	146.4	143.5	223.1	194.9	707.9	10	A.-Cu.	S.-Cu. N	10	A.-Cu.	N. NNE
6	N	NNE	NNW	NWbyN	NbyE	NNE	179.2	141.3	168.8	120.9	610.2	10	A.-Cu. E	S.-Cu. NNE	6	A.-Cu.	S.-Cu. N
7	NNE	NbyE	N	SE	NNE	Calm	81.6	52.1	68.2	42.6	244.5	4	Ci.	S.-Cu. NEbyN	7	Ci.	S.-Cu. SE
8	NW	WbyS	Calm	WbyN	WbyN	WNW	59	36.2	74.6	94.1	263.9	10	A.-Cu.	S.-Cu. N	2	Ci.	Cu.
9	E	N	N	NNW	N	N	79.7	71.3	189.1	126.9	467	8	A.-Cu.	S.-Cu. NE	10	A.-Cu.	S.-Cu. N
10	NNE	NbyE	NbyE	NWbyN	N	WNW	105.7	98	101.7	44.1	349.5	8	Ci.	S.-Cu. NNE	2	Ci.	Cu.
11	WNW	Calm	NbyW	N	NNE	NNE	33.3	86.1	139.8	110	369.2	2	Ci.-Cu.	Cu. N	7	A.-Cu. E	Cu. NNE
12	NNE	N	N	NNE	NNE	NNE	103.3	135.7	149.4	91.2	479.6	8	Ci.-Cu.	S.-Cu. NE	8	Ci.-Cu.	S.-Cu. NE
13	NNE	NbyE	NbyE	NNE	N	NNE	68.4	76.7	107.3	104.1	356.5	2	Ci.	Cu. NE	9	Ci.-Cu.	S.-Cu. N
14	NNE	NNE	NNE	NNE	NbyE	NNE	74	98.4	163.9	116.4	452.7	9	A.-Cu.	S.-Cu. NE	6	A.-Cu.	S.-Cu. NE
15	NNE	NNE	NbyE	NNE	NNE	NE	95.6	133	176.7	100	505.3	7	Ci.-Cu.	S.-Cu. NNE	6	Ci.-Cu.	Cu. NE
16	N	NNE	NE	E	NNE	NE	104.4	155.1	128.5	131.5	519.5	8	A.-Cu. E	S.-Cu. NNE	10	A.-Cu.	S.-Cu. NE
17	NEbyN	NEbyN	NEbyN	WNW	ENE	ENE	115.6	65	130.4	105.6	416.6	6	A.-Cu. E	S.-Cu. NE	8	A.-Cu. NNE	Cu.-N.
18	ENE	ENE	Calm	NbyW	WNW	WNW	48.9	47.8	83.7	53.3	233.7	10	A.-Cu.	N. NE	8	A.-Cu. ENE	S.-Cu. N
19	W	W	N	N	NNE	NNE	45.1	70	139.4	85.9	340.4	6	Ci.	S.-Cu. NNE	6	A.-Cu.	S.-Cu. NNE
20	Calm	W	W	NNW	N	ENE	35.4	30.9	80.2	66.3	212.8	3	Ci.-Cu.	S.-Cu. E	8	A.-Cu. SE	N.
21	EbyN	EbyN	Calm	NNW	NNW	N	39.7	33.5	97.2	65	235.4	4	Ci.-Cu.	S.-Cu. E	3	Ci.	Cu. N
22	N	N	NNE	N	N	N	86.6	113.2	151.9	114.9	466.6	3	Ci.-Cu.	Cu. NNE	3	Ci.	Cu. NNE
23	N	N	NNE	N	NE	NE	122.1	143.8	169	158.3	593.2	4	Ci.-Cu. E	Fr.-Cu. ENE	3	Ci.	Cu. NE
24	ENE	NE	NNE	NE	NNE	NE	158.5	200.9	200.1	196.9	756.4	8	Ci.-Cu.	N. NE	10	A.-Cu.	N. NE
25	NE	NE	NE	NEbyN	NE	NE	192.9	174.9	199.6	165.6	733	10	A.-Cu. ENE	S.-Cu. NE	6	A.-Cu. E	Cu. NE
26	NE	NE	NE	NNE	NNE	NE	114.8	45.7	160.4	129.8	450.7	6	A.-Cu.	S.-Cu. ENE	6	A.-Cu.	Cu.
27	NE	ENE	NEbyE	NNE	NNE	NNE	66.3	62	155.3	112.7	396.3	6	A.-Cu.	S.-Cu. ENE	4	Ci.-Cu.	Cu.
28	NNE	NNE	NNE	NWbyN	N	NNE	82.4	68.1	138.7	107.6	396.8	8	A.-Cu. ENE	S.-Cu. NNE	5	----------	Cu. N
29	NNE	NNE	NNE	NNW	N	NNE	97.6	95.5	144.2	134.6	471.9	1	----------	Fr.-Cu. NNE	2	A.-Cu.	Cu. N
30	NNE	NNE	NNE	NbyE	N	NNE	88.3	109.7	165.2	110.7	473.9	3	----------	Cu. NNE	8	A.-Cu. E	Cu. N
31	NNE	NbyE	NNE	NNW	N	NNE	72.2	74.8	101.1	54.1	302.2	9	A.-Cu. ESE	N. NE	3	Ci.	Cu. NNE
Mean	------	------	------	------	------	------	99	100.3	139.6	110.3	449.2	6.6	----------	----------	6.5	----------	----------
Total	------	------	------	------	------	------	------	------	------	------	13,925.5	----	----------	----------	----	----------	----------

ATIMONAN.

[ϕ=14° 00′ N; λ=121° 55′ E; barometer above sea, 4.1 meters; gravity correction not applied, —1.74 mm.]

APRIL, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.90	57.68	58.84	56.65	56.92	58.64	57.77	25.6	23.5	29.4	30.4	28	26.7	27.3	31.5	23.1	83	91	65	62	73	79	75.5	------
2	57.92	58.02	59.59	58.06	58.69	60.59	58.81	26.1	25.7	30	29.2	27.5	26.9	27.6	31.1	24.4	82	82	65	72	77	77	75.8	------
3	59.58	60.40	61.29	59.32	59.22	60.43	60.04	26.4	25.8	30	30	27.7	26.9	27.8	31.3	25.6	77	78	67	62	73	78	72.5	------
4	60	60.52	61.73	59.45	59.53	61.28	60.42	26.6	26.4	28.7	30.3	28	27.3	27.9	30.7	25.9	79	81	73	65	78	81	76.2	------
5	60.10	60.93	62.63	61.03	60.93	62.77	61.40	27	26.5	24.2	24.5	26.5	26	25.8	27.3	23.6	83	83	91	88	76	79	83.3	60.2
6	61.50	61.78	62.92	61.13	61.62	63.37	62.05	24.8	25.5	29.2	28.5	26.5	26.1	26.8	30.4	24.1	88	82	69	73	76	79	77.8	------
7	62.27	62.73	63.44	61.74	62.28	63.89	62.72	25.7	25.5	29	28.5	27.4	27	27.2	30.6	25.1	82	83	71	73	77	79	77.5	------
8	62.72	62.69	62.82	60.93	60.79	62.35	62.05	26.4	26.3	27	27	26.6	25.5	26.5	28.2	25.1	82	82	77	74	80	87	80.3	7.6
9	61.34	61.45	62.29	59.93	60.52	61.47	61.17	24.7	24.6	26.9	28.9	27.8	27.4	26.7	29.6	23.7	94	94	80	76	79	80	83.8	.8
10	60.70	60.82	62.14	60.26	60.32	61.38	60.94	26.8	26.1	29.3	28.8	27.7	26.9	27.6	31.7	25.2	83	87	76	73	79	81	79.8	3.3
11	60.38	60.98	61.91	59.83	59.63	61.49	60.70	26.2	25	29.2	27.5	27.5	26.5	27	29.7	24.3	82	88	74	81	78	83	81	6.1
12	60.62	61.13	62.14	60.07	60.49	62.09	61.09	26.2	25.4	28.5	29	27.7	27.2	27.3	29.9	24.8	85	91	79	77	82	84	83	------
13	60.77	60.83	62	59.76	59.97	61.67	60.83	26.5	25.9	29.4	29.8	27.9	27.2	27.8	31.7	24.7	86	88	73	76	82	83	81.3	------
14	60.39	60.75	61.47	59.65	59.85	60.89	60.50	26.6	25.7	28.4	26.5	26	26.6	26.6	29.5	25.3	86	86	77	84	85	83	83.5	3.8
15	59.10	59.22	60.27	58.23	58.63	60.32	59.30	26.5	25.8	29.8	29	27.3	26.4	27.5	30.5	25.4	82	85	71	64	78	81	76.8	------
16	59.01	59.02	59.97	57.89	58.33	59.13	58.89	26.3	26.3	27.6	28.5	27.1	26.9	27.1	29.1	25.3	74	76	73	70	79	85	76.2	14
17	57.29	57.54	58.10	56.27	56.43	57.43	57.18	26.8	25.7	27.5	28.3	27.7	27.5	27.2	28.7	25	85	92	86	82	84	84	85.5	14.7
18	55.56	55.43	56.61	55.22	55.27	56.99	55.85	27.2	27.4	29	29.4	27.5	27	27.9	30.1	25.1	86	83	78	80	79	83	81.5	7.6
19	55.63	56.25	57.42	55.63	56.30	57.90	56.52	26.4	25	30.7	30.4	28.7	27.2	28.1	32.7	24.5	86	92	73	66	73	78	78	4.6
20	56.60	56.76	57.48	55.43	55.27	56.94	56.41	24.9	23.5	28.9	30.7	28.5	26	27.1	32.6	23.2	89	96	76	70	75	90	82.7	31.7
21	56.42	56.62	57.63	55.42	55.59	56.90	56.43	24.1	23.4	29	31.4	29	25.7	27.1	32.3	22.9	96	95	74	68	81	90	84	5.6
22	56.31	57	57.92	56.22	56.10	57.30	56.81	25	24.1	26	29	27.7	25.7	26.2	31	23.8	92	96	85	71	76	86	84.3	------
23	56.26	56.63	57.09	55.12	55.19	56.57	56.14	24.8	22.4	29.9	32.5	29.7	24.9	27.4	33.1	22.1	84	98	75	54	67	86	77.8	------
24	56.41	56.78	57.26	55.21	55.28	57.67	56.44	23.9	23.1	29.9	32.4	29.2	25.4	27.3	33.4	22.7	92	96	75	68	76	88	82.5	------
25	56.70	57.61	58.57	56	56.61	58.50	57.33	24.2	23.4	31.2	31.6	28.5	27.1	27.7	32.4	23.2	95	95	69	66	74	78	79.5	------
26	57.94	58.61	59.88	57.82	58.52	60.12	58.82	24.9	24.1	31	30.5	28.8	27.8	27.8	32.5	23.4	92	94	69	63	71	77	77.7	------
27	58.03	58.16	59.55	57.97	58.29	60.04	58.67	27.4	27.2	29.3	29	28.6	27.6	28.2	31.1	27	81	86	76	78	78	80	79.8	------
28	58.22	58.71	59.53	57.07	57.87	59.38	58.46	25	23.9	30.1	30.4	28.6	27.9	27.6	31.2	23.6	92	95	74	70	80	83	82.3	------
29	57.59	58.58	59.61	57.71	57.66	59.22	58.40	27.4	27.4	30.1	30.4	28.6	26.7	28.4	31.9	25.8	85	83	71	72	77	86	79	------
30	58	58.70	59.95	58.23	58.49	59.87	58.87	27.8	27.5	31.7	31.2	28.7	27.4	29	32.5	26.9	85	85	68	71	79	84	78.7	2
Mean	58.71	59.08	60.07	58.11	58.35	59.89	59.03	25.9	25.3	29	29.5	27 9	26.7	27.4	30.9	24.5	85.6	88.1	74.3	71.6	77.4	82.4	79.9	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	162

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Mid-night.		Amount.	Form and direction. Upper.	Lower.	Amount.	Form and direction. Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NbyE	Calm	Calm	N	NNE	NNE	62	36.4	67	60.4	225.8	4	Ci.	Cu. NE	5	Ci.	Cu.
2	NE	NE	NNE	N	N	NNE	57.9	49.6	111.3	91.1	309.9	3	Ci.	Cu. NE	2	Ci.	Cu. NNE
3	NNE	NNE	NE	NW	NNW	N	87.5	60.2	117.8	72.4	337.9	4	Ci.	S.-Cu. NNE	3	Ci.	Fr.-Cu.
4	NNE	NE	NNE	NNE	NNE	NNE	68.2	50.7	110	95.8	324.7	6	Ci.	Cu. NNE	5	Ci.	Cu. NNE
5	NNE	NNE	NNE	NNE	NNE	NNE	120.7	150.8	168.2	172.2	611.9	10	Ci.	N. NNE	10	----------	N. NNE
6	NEbyN	NEbyN	NNE	NNE	NNE	NNE	136.8	141.6	218.4	138.9	635.7	10	A.-Cu. ENE	S.-Cu. NE	9	A.-Cu. E	S.-Cu. NE
7	NE	NE	Calm	NbyE	NNE	NE	80.5	39.2	189.3	177.8	486.8	3	A.-Cu.	S.-Cu. ENE	4	A.-Cu.	Cu. NE
8	NE	NE	NE	NbyE	NNE	NbyE	137.3	188.8	182.2	146.4	654.7	9	A.-Cu.	S.-Cu. NE	10	----------	N. N
9	NNE	NbyE	NNE	NNE	NNE	NNE	125	74	160.3	102.5	461.8	10	A.-Cu.	N. N	8	A.-Cu.	S.-Cu. ENE
10	NE	NE	NNE	N	NNE	NE	77.2	73.4	147.8	114.9	413.3	10	Ci.	N. ENE	6	Ci.-Cu.	Cu.
11	NE	ENE	NNE	ENE	NNE	NE	91.1	127.4	187.7	144.8	551	6	A.-Cu. E	Cu.	8	----------	N. ENE
12	NE	NEbyE	NE	NNE	NNE	NNE	89.9	134.6	199.3	119.3	543.1	10	A.-Cu.	S.-Cu. ENE	10	A.-Cu.	N. NE
13	NNE	NEbyN	NE	NNE	NNE	NE	43.7	85.9	186.9	152.9	469.4	4	A.-Cu. E	Cu. NE	3	----------	Cu. NNE
14	NE	NEbyN	NNW	N	N	N	83.2	80.7	124.9	124.1	412.9	8	A.-Cu. E	N. NE	10	A.-Cu.	N. N
15	NNE	NNE	NNE	NNE	NNE	NE	93	71.8	120.5	89.6	374.9	6	Ci.	Cu. NE	2	Ci.	Cu.
16	NE	NbyE	NbyE	NbyE	NbyE	N	114.9	143.4	165.8	156.3	580.4	8	Ci.	Cu. NNE	6	Ci.-S.	Cu. ENE
17	NNW	NNW	N	NNW	NNW	NNW	172.5	179.1	214.6	207.8	774	10	----------	N. NNE	10	Ci.-S.	S.-Cu. N
18	NNW	NW	NW	NNE	N	NNW	215.9	179.3	152.1	132	679.3	8	A.-Cu.	S.-Cu. NW	9	A.-Cu.	N. NE
19	WNW	WbyN	Calm	NW	NNW	NW	68.4	30.4	65.4	54.5	218.7	8	A.-Cu. N	S.-Cu. N	7	A.-Cu. NW	Cu.-N.
20	NW	WbyN	NW	NW	NNW	NW	42.9	41.3	45.6	37.5	167.3	6	A.-Cu. N	Cu. N	6	A.-Cu.	Cu. NNE
21	NE	WbyN	WbyN	Calm	Calm	WSW	55.8	31.1	32.4	49.4	168.7	8	A.-Cu.	Cu.	3	Ci.	Cu. NW
22	NW	Calm	NW	NNW	NNE	NW	45.3	60.9	58.2	54.1	218.5	10	A.-Cu.	N. NW	6	A.-Cu.	Fr.-Cu.
23	NW	WSW	NW	NNW	Calm	WNW	50.2	32.2	21.9	63.6	167.9	0	----------	----------	2	A.-Cu.	Cu.-N.
24	WSW	WSW	N	NE	Calm	SWbyS	61.2	50.17	40.2	63.6	215.1	1	----------	Cu.	2	Ci.	S.-Cu. E
25	WSW	SWbyS	SW	WbyN	N	N	64.7	40.4	82.9	60.1	248.1	1	----------	Cu.	3	Ci.	Cu.
26	Calm	Calm	NNE	N	N	N	32.4	51.5	99.3	91.1	274.3	8	Ci.	Cu. N	2	----------	Cu. N
27	N	N	NNW	N	N	NE	81	93.9	134.7	83.9	393.5	7	----------	Cu. NNE	7	A.-Cu.	Cu.-N.NE
28	NW	WSW	NNW	N	NNE	NNE	50.4	58.7	115.9	92.5	317.5	2	Ci.	Cu.	4	Ci.	Cu. N
29	NNE	NE	Calm	NNW	N	NNE	67.3	58.4	115.7	48.8	290.2	5	Ci.	Cu.-N. NE	5	Ci.-Cu.	Cu.-N.NE
30	NE	NE	NE	NE	NE	NE	67.9	40.5	130.9	98	337.3	7	A.-Cu. NE	S.-Cu. NE	9	A.-Cu.	Cu.-N. N
Mean	------	------	------	------	------	------	84.8	81.9	125.6	103.2	396.5	6.2	----------	----------	5.9	----------	----------
Total	------	------	------	------	------	------	------	------	------	------	11,864.6	----	----------	----------	----	----------	----------

ATIMONAN.

[ϕ=14° 00′ N; λ=121° 55′ E; barometer above sea, 4.1 meters; gravity correction not applied, —1.74 mm.]

MAY, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.32	58.95	60.56	57.80	58.17	59.42	58.87	27	27	31.4	30	28.6	27.6	28.6	31.7	26.6	86	83	66	65	77	81	76.3	0.5
2	57.74	58.28	58.85	57.49	57.34	58.68	58.06	27.4	26.9	29.3	28.2	27.7	27.5	27.8	30.3	26.6	81	82	69	79	79	81	78.5	4.3
3	57.04	56.96	58.41	57	57	58.56	57.50	27.2	27.7	27.1	26.4	26.6	25.6	26.8	28.1	24.5	83	79	83	92	88	95	86.7	71.9
4	56.96	57.45	58.59	57.61	58.06	59.98	58.11	25.9	26	28.1	26	25.9	25.4	26.2	29.2	24.5	93	89	83	93	89	88	89.2	50.4
5	57.89	57.54	58.97	57.24	57.94	59.14	58.12	26.5	27	27.8	28.9	27	26.3	27.2	29.4	25.1	85	82	78	78	80	89	82	49.5
6	57.71	57.87	58.84	57.64	57.97	58.49	58.09	26.1	26.4	28.6	24.9	24.8	25.9	26.1	29.6	24.1	89	90	80	92	92	88	88.5	20.8
7	57.22	56.97	58.13	57.19	57.39	58.99	57.65	26	26.4	30.2	26	26.9	25.7	26.9	31.3	25.1	92	91	76	92	90	93	89	24.7
8	57.99	58.89	59.64	57.92	58.22	59.78	58.74	26.4	26.5	28.5	29.5	27.1	27.1	27.5	32	26	92	88	78	71	84	83	82.7	1.3
9	58.80	59.42	60.36	58.88	59	60.34	59.47	27	26.8	30.4	28.4	26.9	26.3	27.3	32.1	23.9	82	83	69	90	88	91	83.8	24.1
10	58.93	59.14	59.88	57.99	58.30	59.58	58.97	26.4	26.5	29	26.2	25.6	25.2	26.5	30.6	24	90	89	78	87	91	91	87.7	21.1
11	57.73	58.35	58.98	57.13	57.23	58.92	58.06	24.2	23.6	29.4	28.5	28	25.4	26.5	31.4	23.1	97	98	76	80	79	93	87.2	15
12	57.71	58.53	59.43	57.52	57.69	59.35	58.37	24.6	24.4	28.8	28	27.6	25.1	26.4	29.9	24	97	97	82	82	84	96	89.7	27.9
13	57.66	58.30	58.75	56.91	57.39	58.84	57.98	24.6	25.2	27.9	26	27.2	25	26	30.3	24	93	90	81	87	87	96	89	3.8
14	56.70	57.16	57.84	55.79	56.43	57.79	56.95	24	23.5	28.5	30.3	25.7	25.4	26.2	30.5	23.3	97	96	81	67	90	88	86.5	1
15	55.99	56.70	57.99	56.61	56.84	58.90	57.17	25.9	25	29.7	28.9	25	24.6	26.5	31.4	24	88	94	78	76	92	94	87	
16	58.70	58.85	60.03	58.69	59.31	60.54	59.35	24.4	25.1	26	26.9	24.5	24	25.2	29.6	23.7	95	92	88	89	94	95	92.2	20.6
17	59.41	59.63	61.04	59.03	58.98	60.69	59.80	23.9	23.6	28.9	30	26.8	26.2	26.6	32	23.3	94	95	78	77	86	87	86.2	3.8
18	59.10	59.40	59.70	58.10	57.68	58.37	58.72	24.9	23.5	29.5	31	28.5	27.6	27.5	31.9	23.5	92	98	81	69	81	84	84.2	
19	57.66	58.16	59	57.12	57.16	58.34	57.91	25.8	24.4	31	32.2	29.4	26.6	28.2	32.9	24.1	93	97	72	67	78	90	82.8	4.6
20	57.52	58.22	58.66	57.27	57.63	58.70	58	25	24.4	29.9	31.4	28.1	25.5	27.4	32.9	24	97	97	79	73	81	93	86.7	
21	57.85	57.70	58.60	56.91	57.12	58.34	57.75	24.6	24.1	31.7	32.6	28.9	25.7	27.9	33	23.8	97	97	72	66	74	93	83.2	
22	57.04	57.51	58.37	57.12	57.96	58.92	57.82	25.2	25	29.9	31.2	25.3	23.8	26.7	32.5	22.6	95	96	77	73	85	97	87.2	25.4
23	57.79	57.93	58.85	57.16	56.92	58.23	57.81	23.2	24	29.8	30.5	28.8	28	27.4	31.9	22.3	98	95	73	71	78	82	82.8	
24	57.48	57.93	59.39	57.19	57.07	58.33	57.90	27.4	27.5	28.5	29.7	28.6	27.8	28.2	30.7	26.6	86	84	80	73	79	82	80.7	2.5
25	57.80	58	58.70	57.28	57.22	58.74	57.96	27	25.5	31	30.3	29.2	28.4	28.6	32.4	24.9	86	93	72	76	78	82	81.2	
26	57	57.14	57.99	56.70	56.38	57.78	57.16	28.4	28.4	27.4	26.9	28	27.4	27.8	28.9	25.9	82	82	91	88	85	87	85.8	33.3
27	56.31	56.89	57.22	55.35	56.22	57.65	56.61	26.8	25.3	30	30.4	25	24	26.9	32	23.6	90	94	77	76	92	97	87.7	15.5
28	56.06	56.13	57.19	55.81	56.29	57.85	56.56	23.5	23.3	29.9	29.7	24.5	24.3	25.9	31.7	22.9	97	97	79	77	92	93	89.2	53.8
29	56.37	56.47	57.04	55.43	56.45	58.05	56.64	23.9	23.5	30	31.4	24.8	24.6	26.4	32.5	23.1	96	97	80	70	93	93	88.2	33
30	56.95	57.78	58.21	56.67	56.82	58.24	57.44	24	23.9	29.5	31.4	26.5	25.3	26.8	33.1	23.3	96	96	68	72	87	93	85.3	5.9
31	57.45	57.42	58.42	57.10	57.37	58.95	57.78	24.6	24.1	28.4	30.1	29	25.8	27	31.1	23.9	95	97	82	75	78	93	86.7	
Mean	57.58	57.92	58.83	57.21	57.47	58.85	57.98	25.5	25.3	29.2	29	27	25.9	27	31.2	24.2	91.4	91.5	77.6	78.2	84.9	89.9	85.6	
Total																								505.7

Day.	Wind.											Clouds.				
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.	
												Amount.	Form and direction.		Amount.	Form and direction.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NE	NE	NE	NNE	NNE	NNE	73.5	89.1	155.3	125.5	443.4	2		Cu. N	2	Ci.	Cu. N
2	NNE	NNE	NNE	N	NNE	N	134.9	166.6	189.7	162.3	653.5	7	Ci.	Cu.-N. NNE	8	Ci.-Cu.	S.-Cu. NNE
3	N	N	NNE	NNW	N	NNE	192.8	210.2	214.1	161.1	778.2	10	Ci.	N. NNE	10	Ci.	N. NE
4	NE	NE	NNE	NNE	NNE	NNE	165.8	132.8	149.4	218.4	666.4	10	Ci.-Cu.	S.-Cu. NE	10		N.
5	NNE	NNE	NNE	NNE	NNE	NNE	206.2	220.2	241.7	114	782.1	10	Ci.-Cu.	N. NNE	8	Ci.-Cu.	S.-Cu. NNE
6	NE by N	NE by N	NNE	ESE	NNE	ENE	145	178.4	141.6	86.1	551.1	10	Ci.-Cu.	N. NE	10		Cu.-N.
7	ENE	NE by N	NNE	Calm	Calm	Calm	73	59.8	87.3	27.2	196.8	8	A.-Cu. ENE	S.-Cu. ENE	10	A.-Cu.	N. ESE
8	ESE	NE	NNE	NNE	Calm	NE	74.3	63.9	93	75.9	307.1	3	A.-Cu. E	S.-Cu. ENE	5	A.-Cu.	Cu.-N. N
9	ENE	ENE	NE	NE by E	NNE	NNE	107.6	58.9	98.8	101.7	367	4	Ci.-Cu. E	Cu.-N.	10		cu.-N. ENE
10	NE	NE	NE by E	SW	Calm	WSW	93.8	57.3	47.8	34.1	233	6	A.-Cu. ENE	S.-Cu. NE	10		Cu.-N.
11	WSW	WSW	NNE	Calm	NNW	WSW	50.2	34.3	43.7	48.6	176.8	5	Ci.-Cu. ESE	Cu.	9	A.-Cu.	cu.-N. ESE
12	WSW	WSW	NW	WNW	NW	WSW	42.4	52.9	71.6	45.3	212.2	8	Ci.-S.	Cu.	8	Ci.-S.	cu.-N. SSW
13	SW	NNW	NW	SW	NWbyW	SWbyS	53.7	33.2	48.9	44.6	180.4	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N. SW
14	Calm	SW	Calm	Calm	SW	SW	51.8	22.8	29.5	74	178.1	10	A.-Cu.	S.	10	A.-Cu.	Cu.-N.
15	Calm	WSW	Calm	NWbyW	WSW	WSW	25.7	24.9	60.2	47.8	158.6	10	A.-Cu.	S.-Cu. NNE	10	A.-Cu.	Cu.-N. NE
16	W	NNE	Calm	NE	WNW	Calm	52.9	42.9	70.3	42.6	208.7	10	A.-Cu.	N. NE	10	A.-Cu.	Cu.-N. E
17	WNW	Calm	NW	NW	NNW	NNE	48.9	67.3	110	56.9	283.1	8	A.-Cu. E	S.-Cu. E	8	Ci.	Cu.-N.NW
18	WNW	WSW	NW	NW	NNW	NE	42.3	56.9	93	91.2	283.4	4	Ci.	Cu. NE	5		Cu.-N. NE
19	NE	SW	NNW	NW	NE	NE	45.7	40.2	77.8	35.9	199.6	2		Cu. NNE	7	A.-Cu.	Cu.-N. E
20	SW	SW	NNW	NW	ENE	SSW	57.9	33.2	70.6	45.6	207.3	7	A.-Cu. SE	Cu.-N.	5	A.-Cu.	Cu.-N. NE
21	SSW	SSW	SE	Calm	NNE	WSW	61.2	35.6	42.3	42.3	181.4	6	Ci.-Cu.	Cu.	4	A.-Cu.	Cu.
22	WSW	WSW	ESE	NNE	NW	SW	46.4	48.1	71	46.7	212.2	10	A.-Cu.	S.-Cu. NE	8		Cu.-N. NE
23	WSW	Calm	ENE	N	NNE	NE	41.3	50.2	116.4	116.2	324.1	5		S.-Cu. NE	6	A.-Cu.	cu.-N. ENE
24	NE	NE by N	NNE	NNW	NNE	NE by N	69.8	100.1	117.2	116.2	403.3	4	Ci.	Cu. NE	4	Ci.	Cu. N
25	NE by N	NE by N	NNE	NW	NNE	NNE	51	62.5	147.1	107.6	368.2	7	A.-Cu. E	Cu.	6		Cu. NW
26	NNE	N	NNE	NNW	NNE	NNE	128.9	146.2	165.1	103.5	543.7	8	A.-Cu.	S.-Cu. NNE	10	Ci-Cu.	N. NNE
27	NE	Calm	NNE	NNE	Calm	SW	39.1	37.5	69.2	50.1	196.9	8	A.-Cu. E	S.-Cu. E	5		cu.-N. ESE
28	SW	SW	E	SW	SW	SW	59.3	36.4	65.2	70.6	231.5	4	Ci.	S.-Cu. NE	8	A.-Cu. ESE	Cu.-N.
29	SW	SW	Calm	N	WSW	SW	63.6	34.3	64.2	70.8	232.9	8	Ci.-Cu.	Cu. NE	4	Ci.	Cu.
30	SW	SWbyS	Calm	WNW	SW	SW	68.2	39.7	42.6	70.8	221.3	10	Ci.-S.	Cu.	9	Ci.-S.	Cu.-N.
31	SW	SW	S	NW	Calm	W	68.4	53.9	80.8	44.6	247.7	9	Ci.-Cu.	Cu.-N. NE	7	Ci.-S.	Cu.
Mean							78.6	73.9	97.6	79.9	330	7.2			7.6		
Total											10,229						

ATIMONAN.

[ϕ=14° 00′ N; λ=121° 55′ E; barometer above sea, 4.1 meters; gravity correction not applied, —1.74 mm.]

JUNE, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.91	57.57	58.40	56.92	56.99	58.12	57.65	24.5	23.5	29	31.4	29.4	28	27.6	32.2	22.9	93	98	70	61	70	74	77.7	
2	56.49	56.92	57.73	55.95	55.57	57.33	56.66	24.3	22.9	30.5	31.4	29.3	25.4	27.3	32.5	22.5	89	97	71	69	72	93	81.8	
3	56.40	56.83	57.58	56.09	55.96	57.65	56.75	23.9	23	30.5	31.8	30	28	27.9	32.5	22.7	97	97	69	64	62	80	78.2	
4	57.18	56.65	57.40	56.26	56.59	58.05	57.02	25.9	25.1	30.6	30.5	29	28	28.2	32.4	24.9	89	94	74	73	79	83	82	
5	56.56	57.17	57.70	55.95	56.12	57.40	56.82	25.4	24.5	30	30.9	28.7	26.5	27.7	32.1	24.2	93	96	77	70	80	89	84.2	
6	56.33	56.64	56.42	55.34	55.41	56.34	56.08	27.6	25.1	30.6	31	29	26.5	28.3	33.2	25	84	94	74	65	74	87	79.7	3
7	55.39	56.72	56.99	55.01	55.17	56.53	55.97	27.2	25.1	27.7	30.5	28.6	25.4	27.4	31.6	23.2	85	95	78	70	80	96	84	22.4
8	55.53	55.72	56.16	54.66	54.79	56.39	55.54	24.4	23.9	30.5	26.5	27	26	26.4	32.5	23.7	98	97	76	88	92	94	90.8	53.8
9	55.95	55.65	56.22	54.64	54.84	56.99	55.72	24.2	23.8	29	30.5	27	25.6	26.7	32	23.5	97	97	81	72	89	91	87.8	1.3
10	55.42	56.46	56.98	54.94	55.08	56.54	55.90	24.9	24.5	28.9	30	27.1	25.2	26.8	30.6	24.2	92	89	80	73	90	97	86.8	25.3
11	55.25	55.77	55.73	53.87	53.99	55.59	55.03	25	23.7	29	29.6	26.2	24.4	26.3	32	23.3	95	96	76	70	92	97	87.7	96
12	54.16	54.33	53.53	52.13	53.14	54.60	53.65	24.5	24.2	27.5	28.4	27	25.6	26.2	29.5	23.9	97	97	84	82	91	93	90.7	4.3
13	53.44	53.28	53.71	53.14	54.26	55.40	53.87	25.1	24.5	28	27.3	26.1	25.2	26	28.5	24.1	92	93	79	82	83	87	86	
14	54.08	54.28	55.34	54.93	55.46	56.28	55.06	25.2	24.5	27.7	27.8	24.3	24.6	25.7	28.4	24	88	94	79	79	89	91	86.7	3.8
15	54.97	54.52	56.14	54.15	54.04	55.39	54.87	24.8	25.4	28.8	30.5	28.6	27.4	27.6	31.3	23.9	88	88	72	69	79	84	80	
16	54.49	54.41	55.22	53.41	54.36	55.59	54.58	26.1	25.9	30	32.5	28.5	26.7	28.3	33	25.6	92	93	75	58	78	90	81	
17	54.26	54.77	55.88	54.16	54.54	56.22	54.97	25.4	24.6	30.7	30.5	28.8	26.9	27.8	32.2	24.1	93	93	64	67	78	88	80.5	
18	55.39	56.51	56.93	55.41	56.21	58.07	56.42	25.3	24.9	29.5	32.5	25.5	25.6	27.2	33.5	24.2	95	97	75	60	84	87	83	20.3
19	56.66	57.02	57.39	55.68	56.30	57.39	56.74	24.1	23.5	28.1	30.5	26	25.3	26.2	31	23.1	96	96	83	74	93	95	89.5	
20	56.13	57.05	57.09	55.82	56.02	57.56	56.61	25	25	27.5	29.2	27.4	25.7	26.6	30.3	24.4	92	88	77	71	78	86	82	
21	56.22	56.95	56.64	55.10	56.04	57.80	56.46	25.5	24.3	29.2	30.8	24.5	24.6	26.5	32.4	23.5	88	95	74	63	92	91	83.8	34.3
22	56.78	56.71	57.59	56.39	57.62	58.43	57.25	24.3	24.5	28.2	25.5	25.7	24.5	25.4	29.9	23.2	92	93	78	93	87	93	89.3	20.3
23	57.81	58.08	58.88	57.62	58.49	60.12	58.50	23.7	23.2	29.1	31.5	26.4	24.7	26.4	32.4	22.9	97	97	82	73	90	96	89.2	
24	58.61	58.97	59.88	58.63	58.83	60.29	59.20	24	23.4	29	31.5	29.2	27.5	27.4	32.4	23.1	97	97	83	70	77	84	84.7	2.3
25	59.32	59.87	60.57	58.85	58.72	60.62	59.66	26.7	25	29	29.5	29	27.2	27.7	31.5	24.6	86	96	78	79	78	86	83.8	
26	59.08	59.82	59.83	58.25	58.59	60	59.26	25.7	25.2	29.3	31	29	26.4	27.8	31.9	24.5	93	94	79	72	81	90	84.8	.8
27	58.30	58.72	58.96	57.49	57.58	59.30	58.39	25	24	30	31.3	29	26.7	27.7	32.5	23.7	93	98	70	66	74	86	81.2	
28	57.91	58.43	59.13	57.24	57.94	59.80	58.41	25.1	24.1	30.8	32.2	28.2	26.3	27.8	33.2	23.9	92	95	75	63	83	89	82.8	
29	58.87	59.18	60.39	58.83	58.22	59.37	59.14	24.9	24.3	25.6	29.6	28	28	26.7	30.9	23.8	92	93	91	72	79	78	84.2	6.4
30	58.53	59.10	59.02	57.39	57.46	59.49	58.50	26.9	24.6	30.2	32	29	26	28.1	32.9	24.4	83	97	69	64	75	90	79.7	
Mean	56.45	56.80	57.31	55.81	56.14	57.62	56.69	25.2	24.3	29.2	30.3	27.7	26.1	27.1	31.7	23.8	91.9	94.8	76.4	71.1	81.6	88.8	84.1	
Total																								294.3

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Mid-night.		Amount.	Form and direction. Upper.	Lower.	Amount.	Form and direction. Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	WSW	SW	EbyN	NNW	N	NE	52.3	39.4	79.9	68.4	240	4	Ci.-Cu.	Cu. ENE	3	Ci.	Cu.
2	SW	SW	SE	NW	NbyE	NW	57.9	38.4	79.2	44.9	220.4	7	A.-Cu. N	Cu.-N.	5	Ci.-Cu.	Cu.
3	WSW	WSW	Calm	NNW	N	NNE	60.6	36.5	75.3	52	224.4	7	Ci.	S.-Cu. NNE	6	Ci.	Cu.
4	E	WSW	NW	NNW	NNE	Calm	52.3	68.1	75.4	39.1	234.9	3	Ci.	Cu.	4	Ci.	Cu.-N.
5	WSW	SW	NNW	NW	SE	WNW	52.8	44.3	84.8	36.4	218.3	5	Ci. ENE	Cu. ENE	5	Ci.-S.	Cu.-N.
6	NNE	NE	NNW	N	N	Calm	56.1	47.8	112.9	38	254.8	5	Ci.	Cu. NE	4	Ci.	Cu. N
7	NE	WNW	Calm	NNW	Calm	WSW	68.2	43.5	37.5	46.9	196.1	10		N. NE	6	Ci.	Cu.-N. SSE
8	WSW	WSW	ENE	SE	Calm	Calm	67.9	36.5	28.8	52.6	185.8	4	Ci.	Cu.	10		N. SE
9	W	SW	Calm	Calm	S	S	37	30.3	30.9	54.1	152.3	10	Ci.-Cu.	Cu.	9	A.-Cu.	Cu.-N. SSE
10	S	SbyW	Calm	Calm	Calm	Calm	63	48.9	35.1	34.8	181.8	10	Ci.	N. SE	8	Ci.	Cu.-N.
11	WSW	SW	SW	SSE	SW	SW	44.9	40.2	44.1	38.8	168	10	Ci.-Cu.	N. SSE	10	A.-Cu.	N. SE
12	SW	SSE	SSE	SSW	Calm	SbyW	42.8	47.7	50.9	45.3	186.7	10	Ci.-Cu.	N.	10	A.-Cu.	N. SW
13	SW	SSE	SSW	SW	SW	SW	50.4	66	66.2	65.7	248.3	10	Ci.-S.	N. S	10	Ci.-S.	N. SW
14	SW	Calm	SW	SW	SW	Calm	48.3	34	52.3	41	175.6	10	A.-Cu. W	S.-Cu. SW	10	Ci.-S.	N.
15	SW	SW	SW	SW	SSW	SSW	40.8	45.6	69.4	38	193.8	10	Ci.-S.	N. SW	10	A.-Cu.	S.-Cu. SW
16	SSW	SSW	S	S	WSW	SW	41.3	71.9	76.7	41.6	231.5	10	A.-Cu.	S.-Cu. SSW	7	Ci.	Cu. W
17	SSW	SSW	SSW	SSW	SSW	Calm	53.7	49.7	41.3	28.5	173.2	9	Ci.-S.	S.-Cu.	6	Ci.-S.	Cu. SW
18	SSW	SSW	SSW	swbys	SbyE	NNW	47	38	59	55	199	8	Ci.	S.-Cu. SW	6	Ci.	S.-Cu. SW
19	SW	swbys	WNW	NW	S	SbyW	63.8	57.9	42.6	38.6	202.9	10	Ci.-S.	S.-Cu. W	9	A.-Cu. N	Cu.-N.
20	SSW	SW	SW	S	Calm	SSW	51.3	46.1	57.7	47.8	202.9	10	Ci.-S.	S.-Cu. SW	10	A.-Cu.	Cu.
21	SSW	Calm	SSW	S	Calm	Calm	22.5	48	69.7	24.3	164.5	10	A.-Cu. SW	Cu.	6	A.-Cu. N	Cu.-N. S
22	SSE	Calm	SSW	SW	NE	NE	31.6	55.7	52.9	30.1	170.3	10	A.-Cu.	N. SSW	10		N.
23	SW	SW	Calm	Calm	Calm	SW	51.8	29.3	44.6	44.5	170.2	8	A.-Cu.	Cu.	9	A.-Cu.	Cu. SW
24	SW	SW	Calm	NW	NW	Calm	58.4	34.4	77.5	54.4	224.7	10	Ci.-S.	S.-Cu. NNW	7	Ci.	Cu.-N.
25	NW	WSW	WNW	NW	NNW	Calm	46.5	53.9	90.1	43.5	234	10	Ci.	Cu.-N.	9	Ci.	Cu.-N.NW
26	WNW	Calm	Calm	NW	Calm	WSW	44.5	31.4	85.6	44.1	155.6	10	Ci.	N. SW	9	Ci.-S.	Cu.-N.
27	WSW	WSW	SSW	SSE	SW	SW	63	42	71.3	34.6	210.9	7	Ci.	Cu. S	6	Ci.	Cu. SW
28	SW	SW	SW	WNW	ESE	SW	46.7	40.4	52	48.8	187.9	7	Ci.	S. WSW	9	Ci.-S.	Cu.-N. S
29	SW	SW	NW	NNW	N	NE	67.4	63.6	80.2	99.2	310.4	9	Ci.	Cu. E	9	A.-Cu.	S.-Cu. E
30	NE	NE	ESE	ENE	NNE	SSE	41.3	49.9	78.3	71.9	241.4	8	A.-Cu. E	Cu. E	7	A.-Cu. E	Cu.-N. E
Mean							50.9	46	61.7	46.8	205.4	8.4			7.6		
Total											6,160.6						

ATIMONAN.

[ϕ=14° 00′ N; λ=121° 55′ E; barometer above sea, 4.1 meters; gravity correction not applied, —1.74 mm.]

JULY, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.70	58.16	58.68	57.20	57.81	58.22	57.96	24.8	23.2	29.7	31.4	25.9	25.2	26.7	32.8	22.8	92	98	77	70	86	90	85.5	------
2	57.76	57.96	58.93	57.84	57.80	58.71	58.17	26.6	24.1	26.6	28.3	27	26.9	26.6	28.7	23.8	83	95	83	82	87	86	86	13.2
3	57.64	57.76	58.80	57.16	57.43	58.18	57.83	26.7	26.6	30.3	29.7	28	27.7	28.2	32.4	25.5	90	87	74	78	82	82	82.2	1.3
4	57.24	57.15	58.09	57.30	57.33	59.17	57.80	27.6	26	26.8	27.5	27.2	25.4	26.8	30.5	24.6	80	85	78	84	87	93	84.5	16.6
5	58	58.40	58.77	57.79	58.06	59.17	58.36	24.4	24	28.8	31.1	28.4	26	27.1	32.3	23.6	97	96	76	73	85	94	86.8	------
6	58.26	58.80	59.91	58.72	58.32	60.07	59.01	25.2	24.6	28.3	28.5	28.2	25.7	26.8	30.6	24.2	90	91	80	78	79	93	85.2	------
7	59	59.44	59.50	57.70	58.28	59.63	58.92	24.2	23.4	29.7	31	28.3	28.6	27.5	32.4	23.1	97	97	77	70	79	78	83	------
8	57.76	58.69	58.97	57.36	57.39	58.65	58.14	26.2	24.5	29.5	31	29	26.6	27.8	31.9	24.2	90	96	71	69	76	87	81.5	11.4
9	57.85	58.60	58.91	57.61	57.54	58.66	58.20	24.9	24.3	30.5	31.5	29.5	26.2	27.8	32.6	23.9	95	95	76	65	78	91	83.3	------
10	57.77	58.70	59.58	58.09	58.36	59.69	58.70	25.2	24.1	31	32	29.3	27.3	28.2	32.9	23.7	95	97	69	64	79	82	81	------
11	59.10	59.02	59.77	58.33	58.77	60.08	59.18	27	27.5	30.7	30	28.2	26.6	28.3	31.8	25.6	86	84	72	68	87	94	81.8	9.9
12	58.46	58.70	59.45	58.12	58.17	59.96	58.81	25	24	31	30.3	29.5	24.1	27.3	32.4	23.1	96	97	75	73	76	92	84.8	25.4
13	58.22	58.80	59.61	58.30	58.96	59.83	58.95	24.2	23.9	30.3	31.4	26	26.2	27	32.4	23.2	92	97	76	68	95	90	86.3	49.7
14	58.72	58.49	58.94	57.79	58.21	59.73	58.65	25	27	28.7	27.5	25.3	25	26.4	30.6	24.6	96	87	83	86	93	92	89.5	28.4
15	58.86	58.40	59.22	58.02	57.71	59.01	58.54	24.4	23.6	29.2	30.5	28.8	28.3	27.5	31.4	23.3	94	98	81	66	76	78	82.2	33
16	57.81	57.87	58.47	56.77	57	57.99	57.65	26.9	26.2	28.5	29	27.5	26	27.4	31	24.4	86	93	85	81	84	91	86.7	63.2
17	57.14	57.18	57.88	56.95	56.57	58.01	57.29	25.6	24.4	28.1	27.9	27.3	27.2	26.8	28.6	24	90	96	80	82	84	83	85.8	------
18	57.02	57.21	57.86	57.23	57.30	58.60	57.54	26.4	24.5	29.1	27	27.2	25.2	26.6	29.7	23.8	86	96	78	89	87	90	87.7	96.8
19	57.41	57.96	58.30	56.36	56.87	58.25	57.52	24.3	24	26.3	30	27.6	25	26.2	31	23	94	98	93	75	84	92	89.3	38.8
20	57.20	57.41	57.91	56.32	56.59	57.95	57.23	23.8	23.4	28.2	30	28.4	26	26.6	31.9	23.2	97	97	77	75	82	92	86.7	15
21	57.10	57.50	57.87	56.18	56.31	57.11	57.01	24.9	24.7	28.7	29.9	28.9	25.3	27.1	32	23.9	97	96	83	74	78	91	86.5	------
22	55.41	56.05	57.03	55.11	55.18	56.32	55.85	24.2	23.6	30.5	31	29.1	26	27.4	33	23.4	95	95	73	59	70	89	80.2	------
23	55.16	55.19	55.66	53.93	54.43	55.57	54.99	25.1	24.5	30.5	32	27.2	26.6	27.6	33	24.2	93	96	63	61	87	90	81.7	5.6
24	55	55.22	56.03	54.83	55.31	56.58	55.50	25.1	25.8	30.4	30.6	28.6	26	27.8	32.3	24.2	92	89	64	71	79	89	80.7	------
25	55.59	56.70	57.23	55.54	56.11	57.20	56.40	24.7	24.3	29	31	28.9	25.8	27.3	31.7	23.4	92	91	71	69	78	88	81.5	------
26	56.09	56.23	56.35	55.04	55.33	56.95	56	24.9	23.5	30.5	31.3	28.7	26.3	27.5	32.4	23.2	88	94	68	64	69	83	77.7	------
27	55.92	55.86	55.98	54.95	55.03	56.60	55.72	25.3	25.1	30.4	31.2	29.7	26.2	28	32.6	24.6	89	88	64	61	68	79	74.8	------
28	55.48	55.82	56.35	54.99	55.21	56.74	55.76	24.4	23.5	30.5	32.9	29.5	26.5	27.9	34.2	23.2	89	93	68	60	72	87	78.2	2.3
29	55.71	55.80	56.92	55.17	55.84	57.10	56.09	24.6	23.5	30	31.2	29	26.2	27.4	33.8	23.2	95	96	65	66	76	90	81.3	------
30	56.10	56.40	56.95	55.58	55.74	57.18	56.32	24.8	23.7	31.9	32.6	28.9	26.2	28	34.3	23.6	93	96	67	60	80	92	81.3	------
31	56.15	56.72	57.23	55.10	55.51	57.39	56.35	25.1	24.4	30.9	32.6	29.8	26.4	28.2	34.6	23.9	94	95	69	61	73	86	79.7	1
Mean	57.18	57.49	58.10	56.69	56.93	58.20	57.43	25.2	24.5	29.5	30.4	28.2	26.2	27.3	32	23.8	91.7	93.8	74.7	71	80.5	88.2	83.3	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	411.6

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0-10*			*0-10*		
1	SW	SW	SSW	NNW	Calm	N	48.1	34.4	67.1	45.4	195	5	Cl.	Cu. SE	9	A.-Cu.	N. NW
2	NNE	WSW	Calm	NNW	N	N	70.6	65.7	126	101.2	363.5	9	ci.-Cu. ENE	Cu.-N. ENE	10	A.-Cu. E	S.-Cu. NW
3	NE	NE	NE	NNW	N	NE	64.4	40.8	61.5	67.3	234	7	Ci.	S.-Cu. ENE	9	Ci.	Cu.-N. NE
4	NE	SE	SSE	Calm	E	Calm	76.2	65.8	37.2	30.4	209.6	7	Ci.-S.	S.-Cu. SE	9	A.-Cu. SE	S.-Cu. SE
5	SW	SW	Calm	NNW	Calm	SSE	43.2	38.6	40.8	33	155.6	10	A.-Cu.	N.	8	A.-Cu. SE	Cu.-N. S
6	Calm	SW	NW	Calm	SSW	SW	35.9	45.3	31.2	35.1	147.5	10	A.-Cu.	Cu.-N.	10	Ci.-S.	Cu.-N.
7	SW	SW	WSW	NW	N	NNE	62.3	39.6	90.3	61.2	253.4	7	Ci.-Cu.	S.-Cu. N	4	Ci.	Cu.-N. NNE
8	NE	WSW	NW	NW	NNW	WNW	47	65.7	72.2	50.4	235.3	7	Ci.	Cu.-N. ENE	6	Ci.	Cu.
9	WSW	WSW	NW	SW	NNE	WSW	56.6	35.4	56	53.6	201.6	6	Ci.	Cu.	6	Ci.	Cu.-N. SSW
10	WSW	WSW	SE	NNW	NNE	NW	58.4	37.5	99.5	108.9	304.3	4	Ci.	Cu. NE	8	Ci.	Cu.-N. NE
11	NW	N	NNE	N	NE	N	94.8	85.6	110.7	66.8	357.9	9	Ci.	S.-Cu. ENE	6	Ci.	Cu.-N. E
12	WSW	WSW	NNE	NNW	NNE	SW	56.1	38.8	110.5	62.2	267.6	8	Ci. N	S.-Cu. ENE	7	Ci.	Cu.-N. ENE
13	SW	SW	SE	NNW	ENE	WNW	62.2	41.6	108.1	63.3	275.2	9	Ci.-S.	S.-Cu. ENE	8	Ci.-S. ESE	Cu.-N.
14	WNW	NE	NNW	NNE	Calm	SSW	59.7	86.9	61.4	36.2	244.2	10	Ci.-Cu. E	S.-Cu. NE	10	Ci.	S.-Cu. NE
15	SW	SWbyS	SSW	WNW	N	N	57.1	37	81.9	96.8	272.8	8	Ci. ESE	S.-Cu. E	9	Ci.-S.	Cu. SE
16	Calm	NE	NNE	NNE	N	NNE	32.2	95.2	106.7	92.5	326.6	8	Ci.-S.	S.-Cu. NE	10	Ci.-S.	Cu.-N. NE
17	Calm	WSW	N	N	NNE	NNE	38.1	85.1	136.2	68.9	328.3	10	Ci.-Cu. E	S.-Cu. ENE	10	Ci.-S.	S.-Cu. N
18	NE	SW	NNW	NNW	NNW	NW	45.6	46.7	92.3	80.7	265.3	10	A.-Cu. E	S.-Cu.	10	Ci.	Cu.-N. NNW
19	Calm	SSE	NW	NW	N	SW	41.3	57.4	88	59.8	246.5	10	------	N. N	8	A.-Cu. W	Cu.
20	SW	SSW	NW	NW	NNW	SW	56.5	51.5	63.8	43.8	215.6	9	ci.-Cu. ENE	S.-Cu.	4	Ci.-S.	Cu. NE
21	SW	Calm	NW	SW	Calm	SW	52	37	21.2	53.6	163.8	10	Ci.	N. N	8	Ci.-S.	Cu.-N. E
22	SW	SW	SW	SW	SW	SW	69.2	40.2	62.8	35.1	207.3	4	Ci.-Cu.	Cu.	4	Ci.	Cu.-N. SW
23	SW	SW	SW	SSW	Calm	Calm	38.3	53.6	76.7	22.3	190.9	5	Ci. E	Cu.	6	Ci.-Cu.	Cu. WSW
24	SW	SW	WSW	WNW	Calm	SW	44.9	59.2	42.6	45.3	192	10	Ci.-S.	S.-Cu. E	10	A.-Cu.	Cu.-N. WSW
25	SW	WSW	WSW	SW	NW	Calm	59.5	43.3	53.6	31.9	188.3	10	Ci.-S.	Cu. W	8	Ci.	Cu.-N. W
26	SW	SW	SSW	SW	WNW	SW	54.7	57.1	81.1	56.9	249.8	4	Ci. E	Cu.	8	Ci.-S.	Cu.-N. WSW
27	SW	SW	SW	SSW	SW	SW	43.2	72.4	91.7	45.7	253	4	Ci.-Cu. SW	Cu.	4	A.-Cu. SW	S.-Cu. WSW
28	SW	SW	SW	S	SW	Calm	59	48.5	67	44.1	218.6	1	Ci.	Cu.	4	Ci.-S.	Cu. SSW
29	Calm	SW	SW	S	SSW	SW	44.9	56.1	56.3	44.1	201.4	1	Ci. E	Cu.	7	Ci.-S.	Cu.-N. W
30	SW	SW	SE	SSW	SSW	SW	60.4	43.8	56.9	33.6	194.7	2	Ci.-Cu.	Cu.-N SE	6	Ci.-S.	Cu.-N. SE
31	SW	SW	WSW	SSW	S	SW	60.9	40.7	47.5	45.6	194.7	1	Ci.-Cu.	Cu.	4	Ci.	Cu. SE
Mean	------	------	------	------	------	------	54.6	53.1	74.2	55.3	237.2	6.9	------	------	7.4	------	------
Total	------	------	------	------	------	------	------	------	------	------	7,354.3	----	------	------	----	------	------

ATIMONAN.

[ϕ=14° 00′ N; λ=121° 55′ E; barometer above sea, 4.1 meters; gravity correction not applied, —1.74 mm.]

AUGUST, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.10	57.94	58.12	56.86	57.26	58.64	57.65	25.6	25	30	30	29	27.2	27.8	32.9	24.4	93	92	74	73	85	90	84.5	5.3
2	58.04	57.66	58.01	56.22	56.92	58.31	57.53	25.5	24.6	30.5	32	26.9	26.2	27.6	33.5	24.3	97	97	66	65	83	85	82.2	2.8
3	57.25	57.71	58.22	56.80	56.75	58.65	57.56	25	24	30.3	29.7	29.6	26.6	27.5	32.7	23.8	92	96	67	77	74	86	82	------
4	58.17	58.40	58.87	57.40	57.73	58.74	58.22	26.7	24.6	30.8	32	29.4	27.2	28.4	32.9	24.2	84	91	64	57	68	81	74.2	------
5	57.91	58.05	58.06	56.97	56.61	58.40	57.67	26.4	26	29.5	30.5	29.5	27.1	28.2	32.4	25.7	85	87	69	62	72	81	76	------
6	57.66	57.74	58.05	56.34	56.87	58.22	57.48	25.9	25.9	29.5	31	28.7	26.5	27.9	31.9	25.2	85	79	64	61	73	81	73.8	------
7	57.50	58.03	58.31	56.95	57.31	59.08	57.86	24.9	23.6	30.1	31.3	29.1	26	27.6	32.4	23.4	87	95	63	60	77	89	78.5	------
8	58.04	58.23	58.68	56.44	57.24	58.29	57.82	24.8	23.8	31.2	33.4	29	25.3	27.9	34.4	22.8	86	89	54	48	64	81	70.3	------
9	57.49	56.58	56.71	55.24	55.55	56.64	56.37	26.6	26.8	30.4	31.5	29.7	28.4	28.9	33.5	26.1	74	74	67	66	67	71	69.8	------
10	54.39	54.50	55.30	53.64	53.96	54.80	54.43	27.6	27.5	31	30.8	28.5	27.1	28.8	32.2	25.8	77	73	62	67	74	81	72.3	------
11	53.66	53.92	54.12	52.97	53.62	55.04	53.89	25.3	24.6	30.5	30.9	29	27.7	28	33.3	24.3	89	92	68	64	75	79	77.8	4.6
12	53.46	53.69	54.22	53.30	53.47	54.68	53.80	27.1	27.2	30.2	30.7	29	28	28.7	31.5	26.2	85	83	68	64	74	79	75.5	------
13	53.39	53.64	54.92	54.22	54.96	56.73	54.64	26.8	27.5	30.2	30.8	29.3	27.6	28.7	31.8	26.2	86	83	70	70	69	73	75.2	3
14	55.94	56.39	57.38	56.71	56.82	59.09	57.06	26.7	25.5	29.6	26.5	27.6	26.6	27.1	32.5	25.3	83	90	74	85	81	86	83.2	7.1
15	58.79	59.02	59.76	57.94	58.21	59.88	58.93	25.1	24.9	30.2	33.3	29	26.6	28.2	33.6	24.4	91	88	66	56	74	87	77	4.1
16	58.19	58.59	58.66	56.84	56.96	58.15	57.90	25.5	25.4	30	31.8	28.9	26.9	28.1	32.8	24.8	93	91	65	62	77	82	78.3	------
17	57.22	57.26	57.84	55.99	56.22	58.12	57.11	25.8	26.1	29.2	31.5	28.9	27.8	28.2	32.7	24.2	83	75	64	60	71	71	70.7	------
18	56.58	57.09	57.12	55.41	56.58	58.13	56.82	27	26.8	31.1	32	29.6	27.2	29	33.2	26.1	74	74	59	55	67	75	67.3	------
19	57	57.21	57.80	55.97	56.91	58.47	57.23	27.1	26.9	31.9	31	29	27.2	28.8	33.2	25.4	75	77	57	61	74	83	71.2	------
20	57.01	57.40	57.52	55.99	57.05	58.63	57.27	26	24.4	31.2	33	29.9	26.9	28.6	34.2	23.8	78	88	60	53	67	82	71.3	.5
21	57.89	58.17	59.01	57.53	58.10	60.32	58.50	25.9	25.6	29.9	31.9	29	26.2	28.1	33.8	25	88	91	65	55	71	85	75.8	------
22	59.20	59.50	59.78	57.52	58.52	60.23	59.12	25.6	24.6	32.7	32.2	29.7	26.3	28.5	34.7	24.1	88	94	62	68	67	82	76.8	------
23	58.92	58.71	58.86	56.72	56.99	58.51	58.12	25.5	24.2	31.7	33	29.3	25.7	28.2	34.5	23.8	85	89	66	65	66	84	75.8	------
24	57.60	57.51	58.03	56.07	56.88	58.88	57.50	24.5	24.2	30.6	31.5	29	26.9	27.8	33.5	23.5	93	94	65	63	74	85	79	------
25	57.22	57.65	58.49	56.88	57.65	60.19	58.01	25	24.5	31	33.5	30	26.3	28.4	34.6	23.9	92	92	62	52	65	83	74.3	------
26	58.69	58.79	59.73	58.21	59.13	60.38	59.16	24.7	24.5	31.5	32	25.3	24.6	27.1	33.5	23.7	94	94	74	69	88	92	85.2	4.3
27	58.57	58.46	59.18	57.76	57.07	58.83	58.31	23.7	23.4	30	29.5	23.8	28	27.2	32.4	23.1	97	97	82	75	80	83	85.7	------
28	57.41	57.72	58.86	57.58	56.29	57.76	57.60	25.9	23.9	30.8	29.5	28.5	26.1	27.4	33	23.7	92	97	73	71	75	89	82.8	20.3
29	56.92	57.75	58.83	57.37	57.54	59.42	57.97	24.3	24	26.2	28.6	26.9	25.2	25.9	29.8	23.6	91	97	86	73	82	90	86.5	9.4
30	57.76	57.68	58.76	57.59	58.11	59.42	58.22	24.2	23.2	29	31.1	28	25.4	26.8	32.5	22.9	95	98	68	62	77	88	81.3	------
31	58.60	59.13	59.64	58.25	58.96	59.99	59.10	24.2	23.5	31	32.7	26.6	24.4	27.1	34.5	23.2	94	96	75	61	86	96	84.7	2.5
Mean	57.21	57.42	57.96	56.44	56.85	58.41	57.38	25.6	25.1	30.4	31.3	28.7	26.6	28	33	24.4	87.3	88.8	67.1	64	74.1	83.2	77.4	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	63.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	SW	SW	SSW	S	Calm	Calm	50.1	44.1	59.2	21.7	175.1	9	Ci.	Cu.-N. S	7	Ci.	Cu. SSW
2	SW	SW	SW	S	SSW	SW	44.3	53.9	67.4	59.5	225.1	5	Ci. NE	Cu.	7	Ci.	Cu.-N. SW
3	SW	SW	SSW	SW	SW	SW	54.4	63.1	80.2	63	260.7	9	Ci. E	S.-Cu.	10	Ci.	N. WSW
4	SW	SW	SW	SW	SW	SW	64.7	78.7	102.8	42.1	288.3	9	A.-Cu. SE	Cu.	7	Ci.	Cu. W
5	SW	Calm	SW	SW	SSW	SW	49.6	60.9	98.8	34.4	243.7	10	Ci.-S.	S.-Cu. SW	9	Ci.-S.	Cu. W
6	SW	SW	SW	SW	SW	SW	51	64.9	77.5	39.7	233.1	10	Ci.-S.	N.	9	Ci.-S.	Cu.-N. WSW
7	SW	SW	S	SW	Calm	SW	65.2	67.3	62.2	41.2	235.9	4	Ci. ENE	S.-Cu.	8	Ci.-S.	Cu.
8	SW	SW	SW	SW	SW	SW	59.8	75.4	66.6	47.3	249.1	2	Ci.	Cu.	8	Ci.	Cu.-N. W
9	WSW	SW	SW	SW	SW	SW	59.3	107.3	75	92	333.6	10	Ci.-S.	S.-Cu.	8	A.-Cu.	Cu. W
10	SW	SW	SW	S	SW	Calm	70	71.4	72.9	38.4	252.7	10	Ci.-S.	S.-Cu. SW	10	Ci.-S.	N. WSW
11	Calm	SW	SW	SW	SW	Calm	41.5	53.9	71.1	33	199.5	10	Ci.-S.	S.-Cu. SW	10	A.-Cu.	Cu.-N. WSW
12	S	SW	SSW	SSW	SSW	Calm	44	72.6	84.5	66.8	267.9	10	Ci.-S.	N. WSW	8	A.-Cu. SSW	S.-Cu. SW
13	SW	S	SW	SSW	SW	SWbyW	33.5	56.5	68.4	69	227.4	9	Ci.-S.	S.-Cu. SW	10	A.-Cu.	N. SW
14	SW	Calm	SW	SW	SW	Calm	49.1	71.1	77	35.4	232.6	7	Ci.	S.-Cu. SW	10	------	N.
15	SW	SW	SW	S	Calm	SW	47.7	45.3	54.2	47.7	194.9	9	Ci.-S.	S.-Cu. SW	6	Ci.	Cu. SW
16	SW	SW	SSW	SSW	Calm	SW	36.8	64.9	68.1	28.2	198	8	Ci.	S.-Cu.SSW	9	Ci.	Cu.-N. SW
17	SW	SW	SW	SSW	SW	SW	41.6	74.6	82.3	54.7	253.2	10	Ci.-S.	S.-Cu.	4	Ci.	Cu. SW
18	SW	SW	SSW	SSW	S	Calm	56.1	82.6	82.9	44.8	266.4	6	Ci.	S.-Cu.	3	Ci.	S.-Cu.SW
19	SW	SW	SWbyW	SSW	SW	Calm	67.9	79.7	94.3	34.3	276.2	4	Ci.-Cu. WSW	S.	8	A.-Cu. W	S.-Cu.
20	SW	SW	SW	SW	SW	SW	49.9	56.5	75.4	32.2	214	6	Ci.-Cu.	Cu.	7	A.-Cu. W	Cu.-N.
21	Calm	Calm	S	SSW	SW	SW	28	63.3	67.4	37.2	195.9	6	A.-cu. WSW	S.-Cu. SW	7	Ci.	Cu. SW
22	SW	SW	SSE	Calm	SW	SW	48.8	32.5	36.7	46.5	164.5	2	Ci.	Cu.	7	Ci.	Cu.
23	SW	SW	Calm	Calm	S	SW	54.7	30.1	34.9	59.3	179	4	Ci.-Cu. E	Cu.	8	Ci.	cu.-N. SSE
24	SW	SWbyS	SW	SSW	S	Calm	62.2	54.5	56.9	29	202.6	3	Ci.	Fr.-Cu.SW	8	Ci.	Cu. SW
25	SW	SW	SW	SSE	Calm	SW	60.6	42.4	56.5	51.8	211.3	4	A.-Cu.	S.-Cu.	8	Ci.	Cu.-N. SE
26	SW	SW	SWbyS	NW	SSW	SW	59.7	35.1	61.2	63.3	219.3	10	Ci.	S.-Cu. ENE	8	A.-Cu.	Cu.-N. E
27	SW	SW	NNE	N	NbyE	NE	67.9	74.6	133	80.3	355.8	9	Ci.-S.	N. NE	9	A.-Cu.	N. NE
28	NE	SWbyS	WSW	SE	N	NW	48.3	44.9	76.1	62	221.3	3	Ci.	Cu. ENE	10	Ci.	N. E
29	S	Calm	N	N	Calm	SW	28.8	40	72.1	41.5	182.4	10	------	N. NE	10	------	Cu.-N. N
30	SW	SWbyS	SW	SSW	S	SW	61.2	56	61.8	49.4	228.4	7	A.-Cu. SE	Cu.	4	Ci.-Cu.	Cu. SSE
31	SW	SW	Calm	WNW	SW	SW	65	36.7	52.1	58.4	212.2	3	------	Cu.	5	Ci.	Cu.-N.
Mean	------	------	------	------	------	------	52.3	59.8	71.9	48.2	232.3	7	------	------	7.8	------	------
Total	------	------	------	------	------	------	------	------	------	------	7,200.1	----	------	------	----	------	------

ATIMONAN.

[ϕ=14° 00′ N; λ=121° 55′ E; barometer above sea, 4.1 meters; gravity correction not applied, —1.74 mm.]

SEPTEMBER, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	mm.
1	58.26	59.31	60.09	58.39	58.94	59.60	59.10	23.5	23.7	28.5	27	25.5	26.5	25.8	30.5	23.4	98	97	78	84	88	85	88.3	21.6
2	58.16	57.97	58.10	56.38	56.23	57.05	57.32	26.3	24.7	27	28.8	27.8	26	26.8	29.5	23.9	84	94	86	76	79	89	84.7	------
3	54.96	55.27	55.75	53.51	53.86	55.28	54.77	25.9	26.3	28.3	29.1	28.3	27.1	27.5	31.3	25.3	88	83	75	70	74	78	78	------
4	53.90	54.09	54.51	53.82	54.32	56.45	54.52	26.7	26.1	28.6	29	27.5	27	27.5	31.3	25.7	79	81	73	71	73	80	76.2	8.1
5	55.21	55.54	57.06	55.79	56.21	57.59	56.23	26.6	26	29	30.8	29	28	28.2	31.3	25.4	80	84	71	64	68	72	73.2	------
6	56.49	57.44	58.40	56.77	57.33	59.03	57.58	25.9	24.9	30.5	31.5	29	26.5	28	33.2	24.3	84	92	69	64	74	87	78.3	------
7	57.04	57.91	58.73	56.70	57.33	58.96	57.78	25	24	31.5	31.6	28.1	27.9	28	33	23.3	90	96	73	68	80	79	81	7.6
8	57.49	58.18	59.06	56.96	57.32	59.05	58.01	25.1	24	28	31.4	28.1	25	26.9	32.1	23.4	87	91	77	61	73	88	79.5	------
9	57	57.78	58.46	56.59	57.07	58.86	57.63	23.9	23.3	31	31.5	27.6	25.5	27.1	33.1	23.1	92	93	72	63	84	93	82.8	9.1
10	56.96	57.26	58.34	56.70	56.92	58.58	57.46	24.6	24	30.5	28	27.3	27.3	27	31.7	23.8	97	98	72	63	84	93	85.3	1.3
11	57.60	57.97	58.93	56.97	57.57	59.33	58.14	27.1	25.2	29.2	31	28	26	27.8	31.6	24.3	87	92	74	67	74	86	80	1
12	58.86	59.21	60.54	58.38	58.42	59.58	59.16	24.8	24.5	27.2	27.6	25.6	24.5	25.7	28.5	24	94	96	87	81	91	97	91	23.8
13	58.28	58.07	58.64	57.14	57.27	58.32	57.95	24.2	23.5	28.1	28.8	28	25.9	26.4	31.4	22.9	97	96	81	80	79	85	86.3	21.1
14	56.65	56.64	56.94	54.73	55.37	56.77	56.18	26.4	25.5	26.6	26	23.5	23.5	25.2	28.1	22.8	86	92	87	91	96	95	91.2	95.5
15	55.99	56.18	56.99	56.59	56.79	58.41	56.82	23	22.6	28.2	25.4	24.8	24.6	24.8	28.4	22.2	96	97	80	93	95	93	92.3	9.9
16	57.13	57.31	58.39	57.16	57.30	58.76	57.68	24	23.3	27.9	26.2	25.6	24.3	25.2	29.4	22.9	95	97	85	92	94	96	93.2	25.4
17	57.83	57.38	57.25	56.06	56.41	57.54	57.08	24.6	23.5	27.7	29	26	24.8	25.9	30.5	23.1	91	96	83	78	88	92	88	------
18	56.55	55.66	57.07	55.54	55.80	57.30	56.32	23.3	22.4	30	29.5	28	25.3	26.4	31.9	22	97	96	72	72	81	94	85.3	------
19	55.87	55.82	56.84	54.60	55.07	56.74	55.82	24	22.8	30	31.6	28.1	25.3	27	32.4	22.5	96	97	68	65	83	92	83.5	------
20	55.98	56.48	57.26	55.77	55.89	57.30	56.45	24.6	23.5	30.3	31.5	29.7	26.2	27.6	33.6	23.1	93	96	76	72	79	87	83.8	------
21	55.61	55.46	56.36	54.15	54.78	55.80	55.36	24.5	23.5	29.6	32.5	29.6	27	27.8	33	23.2	92	96	74	69	74	83	81.3	------
22	54.06	54.13	54.98	52.70	53.80	54.82	54.08	25.3	25.5	30.5	32	25	24.9	27.2	33	24	89	84	68	68	96	92	82.8	17.7
23	53.41	53.58	54.47	51.90	52.28	53.47	53.18	24.7	24	28.9	29.4	26.8	25.4	26.5	31.4	23.6	92	95	74	69	82	90	83.7	------
24	51.62	51.91	53	51.16	51.55	52.89	52.02	25.5	25.1	27.5	29.5	27.5	25.6	26.8	30.6	24.8	88	91	83	68	81	90	83.5	6.6
25	52.05	52.12	53.93	52.18	53.01	54.22	52.92	25.7	25.7	27.2	28.2	26.5	25.2	26.4	29.1	25	86	80	83	77	84	89	83.2	14.9
26	53.41	54.29	55.54	54.28	55.25	57.53	55.05	25.4	25.9	27.6	27.6	26.5	24.6	26.3	28.9	23.8	88	85	79	80	84	95	85.2	------
27	56.47	57.06	58.17	55.62	55.71	57.04	56.68	24	23.7	28.9	29.4	26.3	26	26.4	30.9	23.2	94	94	69	71	85	84	82.8	1.3
28	55.72	55.96	57.23	55.90	56.37	57.17	56.39	24.4	23.7	29.1	28.4	24.9	24	25.8	30.7	23	92	94	79	83	90	91	88.2	22.4
29	55.96	55.78	56.73	55.11	55.39	57.24	56.04	22.8	22.7	27	29.3	26.8	25.2	25.6	29.3	22.4	97	96	80	69	78	86	84.3	------
30	56.10	56.47	57.72	56.62	56.99	59.10	57.17	23.4	22.5	30	31.1	28.7	24.7	26.7	32.2	22.3	95	96	65	69	80	94	83.2	------
Mean	56.02	56.27	57.18	55.47	55.88	57.34	56.86	24.8	24.2	28.8	29.4	27.1	25.7	26.7	31.1	23.6	90.8	92.5	76.4	73.9	82.3	88.1	84	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	287.3

Day.	Wind.										Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	Km.	Km.	Km.	Km.	0–10			0–10		
1	Calm	SW	wbyN	NNW	E	NW	39.4	93.1	101.7	85.8	320	10	A.-Cu.	S.-Cu. NE	10	A.-Cu.	N. N
2	NW	Calm	WNW	NW	Calm	W	51.3	54.4	39.9	63.6	209.2	10	Ci.	N. NE	10	Ci.-S.	S.-Cu.
3	SW	SW	SW	SSW	WSW	SW	70	107.3	97.1	93.3	367.7	10	Ci.-S.	S. NW	10	Ci.-S.	S.-Cu. sw
4	SW	SWbyS	SSW	SSW	SSW	SW	94.1	100.9	89.6	65.4	350	10	A.-Cu. SW	S.-Cu. SW	10	A.-Cu.	S.-Cu. sw
5	SW	S	SW	S	S	Calm	69.8	78.9	53.4	34.9	237	9	A.-Cu.	S.-Cu. ssw	9	A.-Cu.	Cu. SSW
6	S	S	S	SSE	S	S	26.8	58.2	74.8	35.4	195.2	10	Ci.-S.	S.-Cu. SSE	9	A.-Cu.	Cu. SE
7	S	S	Calm	NNW	Calm	NNW	59.7	39.6	83.4	58.4	241.1	10	Ci.	S.-Cu. E	6	------	Cu.-N. N
8	S	S	SE	N	Calm	S	45.4	41	51.2	50.9	188.5	10	A.-Cu.	S.-Cu. SE	8	A.-Cu.	Cu.-N.
9	SW	SW	SW	NE	Calm	W	69	40.4	32.8	41.8	184	4	Ci.	S.-Cu.	6	Ci.	Cu.-N.
10	WSW	WSW	Calm	NNW	N	NE	48.6	42.6	110.4	90.7	292.3	8	A.-Cu. E	Cu.	10	Ci.-S.	N. N
11	NE	S	SSE	SSE	SW	SW	32	45.7	65	31.6	174.3	7	Ci.-Cu.	S.-Cu. SE	9	A.-Cu. E	S.-Cu. SE
12	SW	SW	Calm	Calm	SW	SW	43.2	28.8	38.6	54.9	165.5	10	Ci.-Cu.	S.-Cu.	10	Ci.-S.	S.-Cu.NW
13	SW	WbyS	N	NW	NE	NE	60.1	79.1	100	96.1	335.3	10	Ci.	S.-Cu. ENE	10	A.-Cu.	Cu.-N. N
14	N	NNW	N	NW	SWbyS	SW	133	131.1	147.9	77.2	489.2	10	Ci.-S.	N. NNW	10	Ci.-S.	N. NNW
15	Calm	SSW	SSW	Calm	Calm	Calm	38.4	43.5	15.5	26.9	124.3	10	A.-Cu. E	S.-Cu.	10	------	N. SE
16	SE	SbyW	SE	E	NE	Calm	34.1	36	50.9	30.3	151.3	10	A.-Cu. S	S.-Cu.	10	Ci.-S.	N. SE
17	N	W	S	NNW	Calm	WSW	75.4	37.2	46.4	51	210	10	A.-Cu.	S.-Cu.	9	A.-Cu.	Cu.-N.NW
18	WSW	WSW	S	Calm	SW	SW	63.9	41.8	51.7	43.8	201.2	2	Ci NE	S.-Cu.	10	Ci.	N.
19	SW	SW	SW	SW	WbyS	WbyS	61.8	57.6	62.8	39.7	221.9	6	A.-Cu.	S.-Cu. SW	6	A.-Cu.	Cu.-N. W
20	WSW	WSW	WNW	Calm	Calm	W	63.8	40.4	40.7	35.4	180.3	6	Ci.	Cu.	8	Ci.	Cu. WNW
21	WbyS	WbyS	SE	Calm	SE	Calm	52.6	46.5	36	32.2	167.3	9	Ci.-S. E	Cu.	6	Ci.	Cu. W
22	SW	WbyS	SE	NW	SW	SW	46.5	43.2	67.1	52.8	209.6	9	Ci.-Cu. NE	Cu.	10	Ci.-S.	Cu. NW
23	SW	SW	SW	SW	SW	Calm	51.2	69.4	95.3	48	263.9	10	Ci.-S.	S.-Cu.	10	Ci.-S.	S.-Cu. SW
24	SW	SSW	WSW	S	SW	SW	57.7	68.9	87.5	38.3	252.4	10	Ci.-S.	S.-Cu. SW	10	Ci.-S.	Cu. SW
25	S	SSW	S	SbyE	S	SW	51.7	43.3	53.3	42.6	190.9	10	Ci.-S.	N.	10	Ci.-S.	N. SSW
26	S	S	SW	Calm	Calm	SW	44.8	54.4	34.6	53.6	187.4	10	Ci.-S.	S.-Cu. ssw	10	Ci.-S.	N
27	SW	SW	SW	Calm	SW	Calm	57.4	66.2	46.9	49.7	220.2	10	Ci.-S.	S.-Cu. SW	10	A.-Cu. SW	S.-Cu.
28	SW	SW	SSW	NNW	Calm	N	45.9	50.4	30.8	36.8	163.9	10	A.-Cu. SW	N.	10	A.-Cu.	Cu.-N. W
29	NW	WbyS	SW	WSW	WSW	SW	58.4	73.8	101.4	35.7	269.3	10	A.-Cu. SW	S.-Cu.	8	A.-Cu.	Cu. WSW
30	SW	SW	SSW	SSE	Calm	SW	57.9	46.7	56.9	44.9	206.4	7	Ci.-Cu. E	Cu.	8	Ci.	Cu.-N. S
Mean	------	------	------	------	------	------	56.8	60.3	65.5	49.7	232.3	8.9	----------	----------	9.1	----------	----------
Total	------	------	------	------	------	------	------	------	------	------	6,969.6	----	----------	----------	----	----------	----------

ATIMONAN.

[$\phi = 14° 00'$ N; $\lambda = 121° 55'$ E; barometer above sea, 4.1 meters; gravity correction not applied, —1.74 mm.]

OCTOBER, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.18	58.29	58.50	57.18	57.83	59.28	58.21	23.8	23	30.2	30.4	29	27	27.2	32.2	22.7	94	96	77	79	78	90	85.7	------
2	58.21	58.45	59.33	57.15	57.17	58.49	58.13	26.2	24.2	30	31.2	29.3	25.7	27.8	32.7	23.7	88	94	73	70	73	86	80.7	------
3	57.62	58.20	59.56	57.70	58.11	59.07	58.38	24.3	23.7	25.7	27.2	26.6	24.4	25.3	27.9	23.1	92	94	90	87	87	96	91	3.8
4	57.83	58.08	59.47	57.35	58.31	59.69	58.46	23.7	24	26	28	26.4	24.1	25.4	29.3	23.2	97	92	88	77	81	91	87.7	11.4
5	58.01	58.19	59.58	57.40	57.85	59.34	58.40	23.5	23.4	27	28	26	25.1	25.5	29.9	22.8	92	92	80	79	88	91	87	------
6	57.78	57.71	58.63	56.36	57.25	58.64	57.73	23.9	22.7	28.5	29.5	27.7	25.2	26.2	30.8	22.4	95	97	74	71	79	91	84.5	------
7	56.92	57.43	58.89	56.70	57.17	58.65	57.63	23.7	23	29.4	30	27.8	24.3	26.4	31	22.5	93	96	75	73	83	91	85.2	12.7
8	57.76	58.30	59.06	57.08	57.42	58.85	58.08	24.6	25.2	25.5	26.9	25.5	24.9	25.4	27.5	23.2	88	86	86	81	88	87	86	37.6
9	57.48	57.88	58.33	56.97	57.44	58.85	57.82	23.6	23	26.4	28	27	25.5	25.6	29	22.4	93	95	81	74	78	88	84.8	------
10	57.57	58.80	59.88	58	58.38	59.69	58.72	24	24.2	28.9	31.4	27.5	25	26.8	32.5	23.7	95	94	75	60	81	92	82.8	------
11	58.62	58.81	59.19	57.50	57.68	58.75	58.42	23.7	22.7	30.3	30.5	28.3	28.1	27.3	31.9	22.4	96	98	76	72	79	80	83.5	------
12	57.77	57.94	58.78	57.07	57.13	59.01	57.95	27	27	31	28.6	28.6	28.2	28.4	31.7	26.8	90	91	75	80	79	81	82.7	------
13	57.68	58.14	59.34	57.48	57.64	59.05	58.22	27.5	27.4	27.1	27.8	27.7	27.3	27.5	29.5	25.9	86	87	78	86	83	84	84	7.9
14	57.76	58.05	59.01	56.84	57.36	58.79	57.97	27.1	27	29.6	29.5	27	26.9	27.8	31.2	25.6	84	83	80	79	86	83	82.5	3.3
15	57.34	57.15	58.08	56.57	57.04	58.23	57.40	25.9	26.5	30	27	27.4	26.4	27.2	32.2	25.5	89	88	74	88	86	90	85.8	10.4
16	56.19	56.54	57.17	55.44	55.98	57.58	56.48	26	26.1	27.7	28	26.5	24.4	26.4	28.8	23.6	87	88	83	83	88	97	87.7	11.5
17	56.22	56.81	57.86	55.92	56.86	58.20	56.98	23.8	24	25	27.5	25.8	23.9	25	28.2	23.2	97	97	90	82	88	97	91.8	21
18	57.33	57.98	58.85	57.13	57.49	58.77	57.92	23.6	23.5	28.3	27.7	26.6	25.3	25.8	29.6	23.2	97	97	85	87	83	88	89.5	18.3
19	57.30	57.56	58.20	55.68	57.14	57.91	57.30	25.4	23.5	28.4	30.7	28	26.9	27.2	31.5	23.1	88	97	77	72	80	85	83.2	4.1
20	56.69	57.27	58.82	56.39	57.53	59.37	57.68	25.2	24	30.4	30.5	28	27.5	27.6	31.5	23.7	92	97	77	75	86	85	85.3	------
21	58.19	58.45	59.44	57.89	58.10	59.79	58.64	26.9	26.6	30.5	29.4	27.5	26.6	27.9	32.3	24.8	85	84	72	79	88	88	82.7	31.8
22	58.21	58.34	59.25	57.73	57.69	58.46	58.28	26	26	28.7	26.5	27	26.9	26.8	29.8	25	89	88	83	93	84	85	87	3.6
23	57.98	58.04	59.01	56.91	57.05	59.08	58.01	26.6	24.4	29	28.5	27	26.8	27	30.7	23	86	97	78	81	89	90	86.8	1.3
24	58.14	58.51	59.49	57.40	57.69	59.53	58.46	26.6	26.6	28.4	28.7	27.6	27.4	27.6	29.7	26.5	92	91	80	83	87	87	86.7	------
25	58.88	59.06	60.57	58.55	58.74	60.64	59.41	26.6	26.3	29.8	28.9	27.3	25.5	27.4	32.8	24.4	93	91	73	76	83	92	84.7	------
26	60.11	60.30	61.71	59.63	59.44	60.94	60.36	24.2	23.8	29	27.6	28	27.2	26.6	30.7	23.2	95	95	78	83	83	83	86.2	1.5
27	59.89	59.72	60.37	58.29	58.26	59.78	59.38	26.8	26.6	30.1	27.2	27.3	26.9	27.5	31.2	26	84	87	74	87	85	86	83.8	10.1
28	58.31	58.26	59.24	57.22	57.78	59.08	58.32	26.6	26.9	28.7	27.7	27.8	27.1	27.5	31.4	25.8	90	89	78	83	85	87	85.3	------
29	58.39	58.53	59.82	58.09	58.67	59.65	58.86	26.9	26.7	26.5	29	28	27	27.4	30.2	25.8	86	87	88	79	82	85	84.5	21.3
30	58.90	59.06	59.77	58.02	58.21	59.92	58.98	24.9	25.6	27	27.6	26.9	25.6	26.3	29.2	23.7	94	91	84	80	83	90	87	89.1
31	58.47	58.13	58.47	56.49	56.52	57.54	57.60	24.7	25.2	25.6	26.5	26	25.9	25.6	26.8	23.9	97	98	90	89	88	89	91.8	17.3
Mean	57.93	58.19	59.15	57.23	57.64	59.05	58.20	25.3	24.9	28.3	28.6	27.3	26.1	26.8	30.4	24	91.1	92.2	79.7	79.6	83.6	88.2	85.7	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	318

Day.	Wind. Direction.						Total movement in 6 hours.				Total movement in 24 hours.	Clouds. 6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	SW	SW	SW	NW	N	Calm	69.8	40.4	71.8	41.2	223.2	2	Ci.-Cu.	Cu.	6	A.-Cu.	Cu.-N. NNW
2	NW	NW	NW	NW	NNW	W	51.8	41.2	35.6	54.9	183.5	7	Ci.-Cu.	Cu.-N. ENE	8	A.-Cu. E	Cu.
3	WbyS	WSW	SSW	NNE	Calm	W	72.6	32	28.2	44.8	177.6	10	A.-Cu.	Cu.-N. NE	10		N. NNE
4	WbyS	SSW	Calm	SW	Calm	NW	67.9	31.9	35.4	40.8	176	10	Ci.	N. SW	10	Ci.-S.	Cu.-N. SW
5	WbyS	WSW	SW	WNW	SE	SW	50.4	37.2	81.8	36	205.4	10	Ci.-Cu. SW	S.-Cu.	10	Ci.-S.	S.-Cu. WSW
6	SW	SW by S	SSW	SSE	Calm	SW	55.5	45.4	47	39.4	187.3	8	A.-Cu. SSW	Cu.	8	A.-Cu.	Cu.-N. SSW
7	SW	SW	W	WNW	N	W	-----	42.6	96.9	53.6	[a]193.1	8	Ci.-S.	S.-Cu. ENE	8	Ci.	Cu. NNW
8	NE	N	N	N	N	NNW	118	171.4	155.1	68.1	512.6	10	----------	N.	10	Ci.-S.	N. N
9	WbyS	WbyS	WSW	W	Calm	Calm	55.7	66.6	29.6	42.9	194.8	10	----------	N.	10	Ci.-S.	N. NW
10	SW	Calm	SW	SW	S	SW	38.1	86.5	51.5	59.2	185.3	10	A.-Cu. SW	S.-Cu.	8	A.-Cu.	Cu. SW
11	SW	SW	Calm	NW	N	N	65.4	38.9	92.5	90.7	287.5	7	Ci.	S.-Cu. ENE	8	Ci.	Cu. ENE
12	N	N by W	N	NW	N	NE	57.8	61.7	101.4	108.6	329	9	Ci.	S.-Cu. NE	10	Ci.	Cu.-N. NE
13	NE	N by E	NNE	N	NNE	NNE	72.7	131.8	143.8	[b]69.4	417.7	9	A.-Cu.	S.-Cu. ENE	10	Ci.-S.	N. NE
14	NE	NE	NNE	NE	NE	ENE	[c]45.1	74.8	103.5	114.6	338	8	Ci.	Cu. ENE	10	Ci.-S.	Cu.-N. ENE
15	NE	NE by N	ENE	N	NNE	N	93.3	44.6	89.5	85.3	312.7	8	A.-Cu.	S.-Cu. NE	10	Ci.-S.	N. NNE
16	N by W	NNW	NW	NNW	Calm	W	111.5	80.7	78.9	34.3	305.4	10	A.-Cu.	S.-Cu. NE	10	Ci.-S.	N. NW
17	Calm	Calm	SW	Calm	WSW	SW	30	26	39.2	68.2	163.4	10	Ci.-S.	N. S	10	Ci.-S.	N. SSE
18	SW	SW	SW	Calm	Calm	S	53.7	38.8	42.1	41.3	175.9	9	Ci.-S.	S.-Cu. ESE	10	Ci.-S.	N. NE
19	E	SSW	W	NW	NNW	E	40.2	44.8	105.2	24.3	214.5	2	Ci.-Cu.	Cu.	7	Ci.	Cu. E
20	SW	SW	Calm	N	NE	NE	37.8	28.8	83.1	57.4	207.1	5	Ci.	Cu.	6	A.-Cu.	Cu.-N. E
21	NE	NE	NE	NNW	NNE	NE	59.8	45.3	117.2	89.6	311.9	5	A.-Cu. E	S.-Cu. ENE	10	A.-Cu. E	Cu. E
22	NNE	NNE	NNE	NE	NE	NE	93.3	102.8	132.5	99.6	428.2	10	A.-Cu. E	N. ENE	10	A.-Cu.	N. ENE
23	NE	NE	NNE	N	N	NNE	44	42.9	115.3	60.7	262.9	4	Ci.	Cu.-N.	10	Ci.-S.	Cu.-N. NE
24	NE	NE	NNE	NNE	NNE	NE	71.1	84.7	140.3	109.7	405.8	10	A.-Cu. ENE	S.-Cu. NE	10	A.-Cu.	S.-Cu. NE
25	Calm	NNE	ENE	NNE	ENE	E	23.3	47.2	68.1	46.2	184.8	4	Ci.-S.	S.-Cu. ENE	9	A.-Cu.	Cu.-N. ENE
26	SW	Calm	NNE	N	NNE	ENE	35.9	59	138.1	93.5	326.5	9	A.-Cu. E	S.-Cu. ENE	6	A.-Cu.	N. ENE
27	E	NE	ENE	NE	NE	NE	84.2	87.9	98.4	104.1	374.6	7	A.-Cu. E	S.-Cu. ENE	10	Ci.-S.	N. ENE
28	NE	NE	NNE	NNE	NNE	NE	94.4	99.2	104	72.4	370	6	Ci.	N. NE	7	Ci.-S.	S.-Cu. ENE
29	NNE	NNE	NNE	NNE	NNE	ENE	56.6	99.2	162.6	112.7	431.1	6	A.-Cu. E	Cu.-N. NE	6	Ci.-Cu. ENE	Cu. NE
30	ENE	NNE	NE	NNE	N	N	81.6	144.3	158	116.2	500.1	9	Ci.-Cu.	N. NNE	10	A.-Cu.	N. ENE
31	NNE	N	N	NNE	N	NE	132.3	123.7	139.2	86.9	482.1	10	Ci.-Cu.	N. NE	10	Ci.-S.	S.-Cu. NE
Mean	-----	-----	-----	-----	-----	-----	65.4	66.2	93.1	69.9	292.5	7.8	----------	----------	8.9	----------	----------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	9,068	----	----------	----------	----	----------	----------

[a] 6 hours missing. [b] 2 hours missing. [c] 3 hours missing.

ATIMONAN.

[ϕ=14° 00′ N; λ=121° 55′ E; barometer above sea, 4.1 meters; gravity correction not applied, —1.74 mm.]

NOVEMBER, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.59	56.36	57.42	55.39	55.71	57.03	56.42	25.5	25.3	26.4	28.9	27	26.7	26.6	30.2	24.8	91	92	85	80	84	85	86.2	------
2	56.47	56.74	58.38	56.05	57.01	58.47	57.19	26.2	25.9	27.6	27.5	26.9	26.4	26.8	29.2	24.9	90	90	78	81	83	84	84.3	------
3	57.82	58.29	59.01	57.06	57.64	58.94	58.13	24	22.8	23.5	23.7	27.5	27	26.4	29.5	22.6	91	97	78	83	87	89	87.5	20.6
4	58.44	58.61	58.91	56.54	56.59	58	57.85	25.5	25.7	23.9	28.9	27.5	27	27.2	29.7	24.4	91	93	78	75	78	78	82.2	7.4
5	56.78	57.20	58.48	55.91	55.83	57.30	56.92	26.9	26.7	23.6	29	27.5	27	27.6	29.8	24.9	80	83	80	78	79	84	80.7	------
6	56.61	56.64	57.97	55.94	56.18	57.60	56.82	26.9	26.8	23.5	29.6	28	26.1	27.6	30.5	24.9	83	83	78	75	81	90	81.7	------
7	56.05	56.82	57.74	55.44	56.09	57.15	56.55	24.2	23.4	30.5	30.6	27.9	25.6	27	32	22.6	91	92	72	68	82	93	83	------
8	55.45	56.48	58.14	56.05	56.75	58.46	56.89	24.2	23.4	30.8	31	27.5	25	27	32.6	22.8	97	97	73	61	81	84	82.2	------
9	57.76	58.42	59.34	57.04	57.75	59.33	58.27	23.6	22.9	23.8	29.5	27.9	27.5	26.7	30.3	22.4	94	97	75	74	80	83	83.8	33.8
10	58.08	58.80	60.45	58.07	57.54	59.32	58.71	24.6	24.3	24.3	26	27.2	26.8	25.5	27.3	23.3	91	91	93	86	75	78	85.7	4.1
11	58.20	58.40	59.94	58.10	58.56	59.97	58.86	26.5	26.8	28	26.5	25.5	26	26.6	29.2	24.6	73	76	71	84	89	85	79.7	22.9
12	58.96	59.16	60.89	59	59.26	60.88	59.69	25.1	25.5	25.6	25.5	25.2	24.6	25.2	26.3	23.6	92	88	88	90	93	93	90.7	104.7
13	59.30	59.90	61.23	59.25	59.54	60.75	60	25.7	25.4	26.4	27.2	25	25.9	25.9	27.7	23.3	85	87	85	78	88	80	83.8	35.3
14	59.21	59.43	60.30	57.86	58.01	59.44	59.04	25.6	25.7	25.5	27.6	27.4	24	26	28.2	22.9	82	82	88	79	77	96	84	56.4
15	57.51	57.17	57.89	56.09	56.47	56.99	57.02	25.3	25.7	26.5	25.9	26.3	25.9	25.9	27.4	23.4	89	90	84	88	83	85	86.5	13.5
16	55.55	55.81	56.65	54.07	55.01	56.60	55.62	26	25.8	28	28.6	26.5	25.3	26.7	29.4	24	82	83	74	77	87	89	82	------
17	55.55	56.21	57.03	54.76	56.13	58.22	56.32	24	23.3	29	31.9	27.3	25.2	26.8	32.2	22.8	95	96	81	72	90	92	87.7	------
18	57.05	57.63	58.88	56.44	57.35	58.72	57.68	23.9	23.5	28.3	30.5	27.7	25.3	26.5	31.7	23	97	96	83	77	87	91	88.5	6.4
19	57.47	58.46	59.11	56.94	57.80	58.73	58.08	24.1	24.3	28	27.6	26.4	26.8	26.2	29.9	23.4	96	95	85	89	90	89	90.7	17
20	57.15	57.71	58.83	56.78	57.65	58.70	57.80	26.1	26	29	26.5	25.6	25.3	26.4	30.6	24	91	92	81	93	95	95	91.2	203.2
21	57.93	57.76	59.70	57.98	58.40	59.62	58.56	24.5	25.5	26.7	26.5	25.2	26	25.7	27.3	23.7	97	91	86	88	92	85	89.8	5.1
22	58.37	58.42	59.64	57.19	57.93	59.10	58.44	26.1	26.2	25.9	25.8	24.7	25.2	25.6	27.7	24.2	89	90	88	93	92	89	90.2	34.7
23	57.91	58.13	59.35	57.59	58.01	59.15	58.36	25.2	23.7	26.6	27.5	27	26.3	26	29.9	23.3	88	97	87	85	84	87	88	------
24	58.22	58.48	59.32	57.23	57.34	58.39	58.16	23.9	23.2	23.6	28.5	26.6	26.5	26.2	29.8	22.8	97	98	80	79	87	88	88.2	2.3
25	57.19	57.26	58.54	56.12	56.51	57.09	57.12	26.3	26	26.5	23.8	25.6	26.9	26.7	29.7	23.9	86	86	88	78	93	86	86.2	19.9
26	55.46	55.71	56.57	54.74	55.60	56.17	55.71	25.9	25.5	26.3	26.8	26.5	26.4	26.2	27.4	24	88	89	86	83	84	82	85.3	4.6
27	55.44	55.54	56.22	54.57	55.04	56.02	55.47	26.3	26.7	27.7	23.6	27.6	27.2	27.4	29	25	85	83	76	72	76	77	78.2	------
28	55.42	55.60	56.89	55.57	55.84	56.28	55.93	26.6	26.5	27.2	26.6	27.4	26.7	26.8	27.7	24.7	83	87	80	80	73	76	79.8	2.8
29	55.62	56.44	57.63	55.70	57.41	58.81	56.94	26.8	26.6	26.5	26.2	25.6	26.1	26.3	27.2	23.8	74	74	73	77	79	75	75.3	------
30	57.60	58.76	59.39	57.72	58.66	59.66	58.63	26	25.4	25.5	25.5	23.7	23	24.8	26.5	21.9	72	70	75	75	88	88	78	6.3
Mean	57.17	57.54	58.66	56.57	57.12	58.36	57.57	25.4	25.2	27.5	27.9	26.6	26	26.4	29.2	23.7	88	88.8	81	79.9	84.6	85.9	84.7	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	601

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	N	Nbyw	NNE	NE	NNE	NNE	87.2	113	102.7	71	373.9	9	Ci.-Cu.	N. NE	9	Ci.-Cu.	Cu.-N. NE
2	N	N	NNE	NNE	NNE	NNE	68.6	99.3	99.5	56.1	323.5	8	Ci.-Cu.	N. NE	10	A.-Cu.	N. NE
3	NNE	NNE	N	NNW	NbyE	NNE	44.9	60.7	133.4	75.3	314.3	2	Ci.-Cu.	Cu.	8	Ci.	Cu. NE
4	N	N	NNE	NNE	NNE	NNE	76.1	112.7	169.6	104	462.4	9	A.-Cu.	N. NE	4	A.-Cu.	Cu. NNE
5	N	N	N	NNW	N	N	84.7	124.4	131.5	82.3	422.9	3	Ci.	S.-Cu. NNE	3	Ci.	Cu. NE
6	N	N	N	NNW	N	Calm	77.5	82.4	90.1	52	302	4	Ci.	S.-Cu. NNE	4	Ci.	Cu. NE
7	SW	SW	Calm	W	Calm	SW	58.9	35.9	28.4	44.6	167.8	3	Ci.	S.-Cu.	6	Ci.	Cu.-N. SW
8	SW	SW	SE	SSW	Calm	SW	63.6	36.8	40.4	54.1	194.9	6	Ci.	Cu.	3	Ci.	Cu.
9	SSW	SSW	wbyN	NNW	NbyW	NbyE	63.6	59.7	101.4	80.2	304.9	9	Ci.	S.-Cu. SE	8	Ci.	Cu. NW
10	NNE	Calm	NNE	NNE	N	N	68.2	100.8	138.7	176.7	484.4	9	Ci.-Cu.	N. NE	10	----------	Cu.-N. NE
11	NNE	NNE	N	NNE	N	NNE	213.9	215.2	166.6	172.4	768.1	8	Ci.	S.-Cu. NE	8	----------	N. NE
12	NNE	NNE	NNE	NNE	NE	NE	104.9	166.6	212.7	158.5	642.7	9	A.-Cu. NE	N. NE	10	----------	N. NE
13	NNE	NE	NNE	NNE	N	NbyE	212.7	210.6	210.3	225.8	859.4	10	A.-Cu.	N. NE	9	Ci.-Cu.	S.-Cu. NE
14	NNE	NE	NNE	NNE	NNE	NNE	219.4	162.4	197.4	152.9	732.1	10	A.-Cu.	N. NNE	7	A.-Cu.	S.-Cu. NE
15	NNE	NNW	NNW	NNE	N	NNW	165	221.1	227.1	224.7	837.9	9	A.-Cu.	N. N	10	Ci.-Cu.	N. NNE
16	NbyW	NNW	NW	Calm	Calm	NW	244	93.8	11.3	49.9	399	10	A.-Cu.	S.-Cu. NNW	10	Ci.-S.	S.-Cu. NW
17	NW	WSW	Calm	wbys	W	W	54.7	34.6	35.7	46.2	171.2	9	A.-Cu.	S.-Cu.	7	Ci.	Cu. W
18	wbys	wbys	WSW	Calm	Calm	wbys	53.1	31.4	19	42.8	146.3	8	Ci.-S.	Cu.	9	Ci.-S.	Cu.
19	wbys	WSW	NW	NW	NNE	NNE	44.3	52.9	102.7	59.3	259.2	10	Ci.-S.	N. E	10	----------	N. NE
20	NNE	NNE	NNE	NNW	NNW	NNW	65.2	38.3	73.5	37.1	234.1	10	Ci.-Cu.	N. NE	10	----------	N. NE
21	NW	NNW	NNW	NNW	Calm	N	99.5	74.3	75	81.1	329.9	10	----------	N. N	10	A.-Cu.	N. NE
22	N	NNE	NNE	NW	NW	NW	95	109.2	87.2	59.2	350.6	10	Ci.-Cu.	S.-Cu. NE	10	Ci.-Cu.	N. N
23	NNW	NW	NNE	NE	NNE	Calm	56.5	37.2	74.2	35.7	203.6	9	A.-Cu.	S.-Cu. E	10	Ci.-S.	N. E
24	NNE	NNE	NNE	NbyW	NNW	N	47.2	57.4	116.5	84.7	305.8	6	Ci.-Cu.	Cu.	7	A.-Cu.	S.-Cu. N
25	N	NNW	NNE	NNE	NNE	NNE	91.9	103.3	106.2	105.9	407.3	4	Ci.	S.-Cu. N	7	A.-Cu.	S.-Cu. NE
26	N	NNW	N	NNE	N	NNE	140.3	174.9	185.4	178.6	679.2	9	A.-Cu.	N. N	10	A.-Cu.	N. N
27	N	NNW	NNW	NNW	NbyW	NNW	187.3	174	144.5	156.6	662.4	10	A.-Cu.	N. N	6	Ci.-Cu.	S.-Cu. N
28	N	NNW	NNE	NNE	NNE	NNE	-----	187.2	262.6	275.4	[a]725.2	10	Ci.-Cu.	S.-Cu. N	10	Ci.-S.	N. N
29	NNE	N	NNW	N	NNE	NNE	278.7	233.2	[b]147.9	[c]186.3	796.1	10	A.-Cu.	S.-Cu. N	10	A.-Cu.	N. N
30	NNE	N	NNW	NbyW	NNE	NNE	279.4	290.8	273	280.6	1,123.8	10	Ci.-Cu.	S.-Cu. N	9	Ci.-Cu.	S.-Cu. N
Mean	------	------	------	------	------	------	115.4	116.5	125.5	112.7	466.2	8.1	----------	----------	8.1	----------	----------
Total	------	------	------	------	------	------	-----	-----	-----	-----	13,984.9	----	----------	----------	----	----------	----------

[a] 6 hours missing. [b] 1 hour missing. [c] 3 hours missing.

ATIMONAN.

[ϕ=14° 00′ N; λ=121° 55′ E; barometer above sea, 4.1 meters; gravity correction not applied, —1.74 mm.]

DECEMBER, 1916.

Day.	Atmospheric pressure, 700 mm. +							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.93	58.29	58.72	56.86	56.97	57.78	57.76	25	25	25.3	24.8	25.5	24.6	25	26.2	23	75	74	74	81	83	91	79.7	14.2
2	56.73	56.91	58.38	56.31	56.35	57.76	57.07	23.8	24	24.5	26.1	25	23.9	24.6	26.6	23.1	93	93	90	79	88	92	89.2	17
3	56.26	57.78	59.34	57.69	58.51	59.86	58.24	23.7	24	24.6	25.3	25.4	25.5	24.8	25.9	22.9	92	91	87	92	88	90	90	6.1
4	58.73	58.98	59.48	57.35	57.70	58.61	58.48	25.1	24.5	27	27.5	26.9	26.6	26.3	28.9	23.6	84	87	84	81	85	86	84.5	6.4
5	57.41	57.85	58.73	56.60	57.06	58	57.61	26.3	25.9	27.3	27.7	26.6	26.5	26.7	28.7	24.3	90	92	79	77	81	80	83.2	------
6	56.71	57.34	58.36	56.64	56.67	58.10	57.30	26.2	26.3	26	26.2	26.2	26.2	26.2	27.2	24.2	81	79	90	88	88	83	84.8	12.7
7	57.17	57.31	58.34	56.61	57.61	58.24	57.55	26.3	24.6	26	26.4	26	26.3	25.9	27.5	24.2	80	92	88	85	87	86	86.3	19
8	57.13	57.10	58.18	56.25	56.40	58.11	57.20	25	25.4	27.8	29	26.4	26.4	26.7	29.4	24	92	90	82	79	89	90	87	------
9	56.79	57.17	58.75	56.84	56.94	58.78	57.54	25.9	25.7	29	28.5	27.3	26.8	27.2	30.8	24.7	92	89	78	79	85	87	85	------
10	57.64	58	59.05	57.43	57.96	58.86	58.16	26.2	26.2	28.2	25.9	25.4	25.7	26.3	28.5	24.2	91	90	82	89	91	90	88.8	19.4
11	57.60	57.82	58.96	56.90	57.71	58.88	57.98	25.8	25.7	27.3	28.4	26.8	26.7	26.8	29.2	24.7	90	90	84	75	85	85	84.8	------
12	57.87	57.91	58.96	56.71	58.21	59.48	58.19	26.2	26.3	26.6	26.6	24.7	24.7	25.8	28.2	23.4	87	86	81	83	93	91	86.8	36.8
13	57.98	58.26	59.38	57.10	57.91	58.65	58.21	25.4	25.6	28.5	28.6	27.4	27.1	27.1	29.4	24.1	88	92	78	73	78	79	81.3	13
14	57.60	57.94	58.99	56.70	57.41	58.16	57.80	26	25.7	27.6	28	27.1	27	26.9	29.9	24.6	84	86	84	79	83	83	83.2	------
15	56.79	57.06	58.41	57.03	57.26	58.23	57.46	26.3	26.3	26	24.7	24.3	24.7	25.4	27	23.5	86	84	88	92	94	94	89.7	52.7
16	57	57.16	58.52	55.33	56.30	57.50	56.97	25.1	25.1	26.9	28.5	26.7	26.2	26.4	28.7	24	90	89	86	79	88	90	87	2
17	56.28	56.66	57.78	55.34	56.70	57.47	56.70	25	25.5	28.6	28	25.3	24.7	26.2	30.5	24	93	92	81	85	92	93	89.3	8.9
18	56.01	56.85	57.92	55.53	56.59	57.84	56.79	25.6	24.9	29	27.6	27.5	26.5	26.8	29.6	23.9	89	93	81	87	87	94	88.5	------
19	56.31	56.84	57.80	55.42	56.69	58.01	56.84	26	25.9	29	29.4	26.4	26.2	27.2	30.7	24.4	95	92	81	79	93	92	88.7	2.5
20	56.83	57.52	57.98	56.47	57.38	58.76	57.49	25	25.5	28.9	28	27.2	26.6	26.9	29.7	23.9	97	93	77	79	84	86	86	------
21	57.49	58.61	58.70	56.89	57.59	58.21	57.92	26.2	26.3	28.8	28	27.2	27	27.2	29.3	23.9	85	89	79	81	89	86	84.8	3.6
22	56.66	57.98	58.84	56.65	57.29	58.44	57.64	26	25.1	26.7	27.7	26.8	26.3	26.4	28.3	23.4	90	91	91	84	83	85	87.3	7.9
23	57.16	57.61	58.47	56.50	56.85	57.86	57.41	26.1	26	26.4	25.8	26.3	25.3	26	28.3	23.8	85	84	85	88	87	89	86.3	39.9
24	56.51	57.46	58.45	56.82	57.69	58.81	57.62	25.4	25.5	28.7	27.2	26.2	26.2	26.5	29	24.1	88	88	77	81	82	83	83.2	2
25	57.44	57.82	59.27	57.72	58.21	58.93	58.23	25.8	26	27.1	28.2	27	26.8	26.8	28.6	24.7	84	84	83	74	79	78	80.3	8.4
26	57.64	58.01	58.44	56.74	57.92	58.38	57.86	24.9	24.5	26.5	25.5	25.8	25.2	25.4	27.7	23.5	91	92	84	88	88	94	89.5	22.7
27	57.67	57.58	59.06	57.31	58.31	58.68	58.10	26.6	26.5	24.2	24.3	24.5	24.4	25.1	27.6	23	72	79	90	90	89	89	84.8	110.5
28	58.63	59.51	60.11	58.62	59.59	59.79	59.38	24	23.8	25	24.8	24.5	24.4	24.4	25.2	22	88	89	78	77	81	83	82.7	7.5
29	58.91	58.68	59.60	57.36	58.05	59.02	58.60	23.8	24.6	24.8	24.1	24.3	24	24.3	25.6	22.4	90	85	89	93	92	92	90.2	4.6
30	57.73	57.83	58.49	56.30	56.95	58.01	57.55	24	24.2	25.6	27	26	25.1	25.3	27.9	23.5	92	91	85	80	82	88	86.3	------
31	57.07	57.93	59.07	56.64	58.21	59.04	57.99	23.6	23.4	26.5	27.6	26	25.8	25.5	28	22.9	97	97	80	79	89	89	88.5	4.8
Mean	57.28	57.73	58.73	56.73	57.45	58.46	57.73	25.4	25.3	26.9	26.9	26.1	25.8	26.1	28.3	23.7	88.1	88.5	83.1	82.5	86.5	87.7	86.1	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	422.6

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Mid-night.		Amount.	Form and direction. Upper.	Lower.	Amount.	Form and direction. Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0-10*			*0-10*		
1	Nbyw	Nbyw	NNW	N	NNW	NNW	291.8	281.8	281.3	312.7	1,167.6	10	A.-Cu.	N. N	10	A.-Cu.	S.-Cu. N
2	NNW	NNW	NNW	NNW	NNW	NE	308.2	295	295.8	121.2	1,020.2	10	Ci.-S.	N. N	10	Ci.-S.	N. N
3	N	Nbyw	N	NNW	NNW	Nbyw	67.8	105.2	110.4	110.4	393.8	10	Ci.-Cu. SW	N. NNE	10	A.-Cu.	N. NE
4	N	N	NE	NNE	NNE	NNE	115.6	72.9	[a]40.8	------		8	A.-Cu. ENE	N. NE	8	A.-Cu.	S.-Cu. NE
5	NNE	NNE	NNE	NNE	NNE	NNE	------	------	[b]125.7	179.6	------	10	A.-Cu. E	N. NE	8	A.-Cu.	Cu.-N. NE
6	NNE	NbyE	N	N	NNE	NE	179.4	181.7	188.8	174.6	724.5	5	A.-Cu. NE	S.-Cu. NNE	9	A.-Cu.	S.-Cu. NNE
7	NNE	NNE	NNE	N	NNE	NNE	158.8	162.4	155.3	162.8	639.3	10	Ci.-Cu.	N. N	9	A.-Cu.	N. NE
8	NE	NNE	NE	NE	N	N	150	120.5	147.5	92.2	510.2	8	Ci.	N. NE	8	Ci.-Cu.	Cu. ENE
9	NE	NNE	NE	NE	NE	NE	72.6	62.3	109.4	109.6	353.9	4	Ci.	S.-Cu. NE	6	A.-Cu.	Cu. NE
10	NE	NNE	NNE	NW	NNW	N	74	104.1	134.2	123.9	436.2	9	A.-Cu.	N. NE	10	Ci.	N. N
11	NbyE	NbyE	NbyE	N	N	NE	124.4	112.5	156.9	123.9	517.7	4	Ci.	S.-Cu. ENE	4	------	S.-Cu. NE
12	NNE	NW	N	NNE	NNE	NNE	118	161.7	220.2	139.5	639.4	4	Ci.-Cu. ENE	S.-Cu. NE	8	A.-Cu.	S.-Cu. N
13	NNW	N	ENE	NNE	NE	NNE	108.9	142.9	187.5	156.3	595.6	8	A.-Cu. ENE	N. ENE	6	Ci.	Cu. NE
14	N	N	NNE	N	NNE	NE	141.3	133.8	153.9	176.7	605.7	5	A.-Cu. E	S.-Cu. ENE	9	Ci.	Cu. NE
15	NE	NNE	NNE	NE	NNE	NNE	197.8	159.6	148.3	145.4	651.1	10	Ci.-S.	N. NE	10	------	N. NE
16	N	NE	NNE	NNE	NNE	NE	169.8	123.7	159	108.8	561.3	7	A.-Cu.	N. NE	9	A.-Cu.	S.-Cu. NE
17	NNE	NE	NE	N	Calm	Calm	115.9	78.7	120.7	35.2	350.5	6	A.-Cu.	s.-Cu. EbyN	7	Ci.	Cu. E
18	NE	NE	NNE	NNE	NE	NNE	68.2	59.2	139	104.1	370.5	5	Ci.	S.-Cu. N	10	A.-Cu.	N. NE
19	N	N	NNE	N	NNW	NE	62.2	51.8	75.8	81.5	271.3	6	Ci.-Cu.	s.-Cu. NNE	10	Ci.	Cu.-N. N
20	WNW	NE	NE	NNE	NNE	NE	41	102.7	166	134.2	443.9	3	Ci.	S.-Cu. NE	8	Ci.	s.-Cu. NNE
21	NE	ENE	NNE	N	NNE	NNE	87.1	112.5	176.5	115.9	492	9	A.-Cu.	N. NE	8	Ci.-Cu.	Cu.-N. N
22	NNE	NNE	NNW	N	NbyE	NNE	61.7	136.6	180.3	157.2	535.8	5	Ci.	Cu.-N.	6	Ci.-Cu.	Cu. NNE
23	NNE	NNE	NNE	NbyW	N	NW	158.8	159	149.9	151.3	619	8	Ci.	N. NE	9	Ci.	N. N
24	NE	NNE	Calm	NW	NNE	N	123.7	62.6	125.8	71	383.1	5	Ci.-Cu.	Cu. ENE	7	Ci.	Cu. N
25	NE	N	NbyE	N	NbyE	N	93.3	148.9	191.3	156.9	590.4	8	Ci.	N. N	6	A.-Cu.	Cu. NE
26	NNE	N	NNE	N	NNE	NNE	149.2	187.7	240.4	220.5	797.8	9	A.-Cu.	N. NE	10	A.-Cu.	N. NE
27	NNE	N	NNE	NNE	NE	NNE	220.5	235.3	256.9	276.5	988.2	9	A.-Cu.	N. NE	10	------	N. NE
28	NNE	NNE	NNE	NNE	NE	NNE	307.4	318.2	328.6	287.4	1,241.6	10	------	N. NE	10	Ci.-S.	N. ENE
29	NE	NNE	NNE	NNE	NNE	NNE	270.2	227.9	211.1	123.1	832.3	10	------	N. NE	10	------	N. NE
30	N	NbyE	NNW	NNW	N	NNE	84	61.4	70.3	45.1	260.8	10	A.-Cu.	s.-Cu. ESE	8	A.-Cu.	Cu. NW
31	SW	SSW	NW	NW	NW	NW	36.7	76.6	120.5	81.8	315.6	5	A.-Cu.	S.-Cu.	7	A.-Cu. SE	Cu. ENE
Mean	------	------	------	------	------	------	138.6	141.3	166.7	142.6	596.9	7.4	------	------	8.4	------	------

[a] 4 hours missing. [b] 2 hours missing.

AMBULONG, TANAUAN.

[ϕ=14° 07′ N; λ=121° 04′ E; barometer above sea, 10.5[a] meters; gravity correction not applied, —1.74 mm.]

JANUARY, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.85	57.59	58.91	55.99	56.91	57.26	57.42	24.7	24	26.8	28.5	25.8	24.8	25.8	29	23	87	93	83	67	78	84	82	7.4
2	55.97	55.11	55.77	53.51	54.17	55.17	54.94	23	22.5	24.3	24.3	24.8	23	23.6	25.8	22.3	93	92	89	87	83	95	89.8	25.6
3	54.28	54.36	56.27	54.38	55.75	57.63	55.44	24.3	24.8	27.2	27	25.6	24.9	25.6	28	23.5	94	93	83	77	85	84	86	------
4	56.44	58.36	59.52	57.24	58.77	60.02	58.39	25	24.4	29.7	30.4	26.6	24.3	26.7	31.2	23.6	92	90	73	69	80	89	82.2	------
5	58.81	59.49	60.38	58.19	59.36	60.29	59.42	22.7	23.7	28.2	31	27	23.8	26.1	31.1	22.6	94	94	76	62	77	90	82.2	------
6	58.96	59.33	60.68	58.77	59.20	60.14	59.51	22.4	21.2	28.8	30	26.8	24.8	25.7	31.2	20.8	95	89	72	65	78	85	80.7	------
7	59.03	59.50	60.24	58.32	59.14	59.90	59.36	22	21.7	27.5	29.7	27.7	24.6	25.5	31	21.4	93	93	78	67	78	87	82.7	------
8	59.01	59.397	61.22	59.68	60.32	61.64	60.21	24.5	24.5	28.7	30.5	27.2	25	26.7	31.2	23.8	91	92	73	62	75	85	79.7	------
9	61.25	62.09	62.62	59.97	61.23	62.44	61.60	24.2	23.4	27.4	30.4	27.4	23.8	26.1	30.5	23.2	85	93	74	63	80	90	80.8	------
10	61.24	61.95	63.02	60.44	60.81	62.34	61.63	23.7	23.4	28.4	30	26	24.8	26	30.1	23.4	85	88	65	65	84	85	78.7	------
11	61.22	62.10	62.73	60.44	61	61.74	61.54	24.9	24.3	28.7	28.3	25	24.8	26	29.9	24.1	84	89	69	75	85	85	81.2	2.3
12	60.54	60.99	61.94	59.79	60.77	60.97	60.83	24	23.4	27.9	30	25.5	25	26	30.2	23.2	93	88	71	65	80	82	79.8	1.5
13	60.02	60.23	61.24	59.18	59.78	60.44	60.15	24	23.8	27	27.2	23.7	23	24.8	27.7	22.6	88	92	77	68	85	91	83.5	11.9
14	59.20	59.12	60.14	57.39	57.74	58.51	58.68	22.7	22.7	25.8	26.3	25	24.3	24.5	27	22.5	90	92	81	82	85	87	86.2	------
15	57.10	56.31	57.84	55.35	56.16	57.34	56.68	24	23.9	26.4	28.5	26	24.6	25.6	29.8	23.8	93	84	81	68	84	87	82.8	------
16	56.92	57.16	58.82	56.96	58.54	59.61	58	23.7	22.8	25.3	27	24	23	24.3	27.7	22.3	87	92	89	78	91	97	89	------
17	59.02	59.13	60.24	58.44	59.46	60.60	59.48	21.7	20	25.4	26.8	22.5	21.3	23	26.9	19.8	85	96	73	78	87	92	85.2	------
18	59.92	60.04	61.61	59.49	60.39	61.06	60.42	21.2	20.8	24.2	27.2	22.3	20.8	22.8	27.3	20.2	92	91	74	75	85	89	84.3	------
19	60.02	60.46	61.23	59.68	60.54	90.91	60.47	20	20.3	26.4	28	24.2	21.6	23.4	28.2	19.7	96	95	81	71	88	86	86.2	------
20	59.85	60.65	61.20	58.26	59.55	60	59.92	20.7	20.3	26.2	28.2	24.4	22.6	23.7	28.3	20.2	91	91	82	76	88	86	85.7	------
21	59.14	59.41	59.96	57.68	58.26	58.88	58.89	20.5	18.8	23.9	27.3	26	23.8	23.4	28.6	18.7	93	88	87	82	84	85	86.5	------
22	58.16	58.92	59.15	56.59	57.65	58.37	58.14	22.3	22.6	26	29.8	25.4	23.9	25	30	21.7	90	86	85	66	88	87	83.7	------
23	57.11	57.30	58.76	56.30	57.52	59.14	57.69	22.8	23.2	27.2	28	26.7	24.4	25.4	29.7	21.4	89	95	75	77	79	88	83.8	1.5
24	58.96	58.97	59.57	57.61	58.81	59.77	58.95	23.2	23.1	26.3	28	24.8	24.2	24.9	29.3	22.8	90	90	82	73	85	88	84.7	------
25	59.01	60.04	61.34	59.22	59.59	60.07	59.88	22.8	22.7	26	27.2	25	24	24.6	28	22.5	86	85	84	78	85	91	84.8	1.3
26	58.257	59.36	60.33	58.18	58.96	60.10	59.20	23.3	23	26.4	27.9	26	24.4	25.2	29.2	22.8	90	90	76	71	84	88	83.2	1.8
27	58.76	58.90	59.26	56.91	57.89	58.87	58.43	24.2	23.4	26.2	27.6	25.3	24	25.1	29.3	23.3	90	95	82	76	84	93	86.7	2.3
28	58.25	58.46	58.71	56.60	57.81	58.77	58.10	23.8	23.4	26	27.7	25	24.4	25	27.7	23.3	93	95	87	79	85	88	87.8	1.8
29	57.56	57.58	58.34	56.42	56.98	58.91	57.63	24.4	23.3	26.7	26.2	23.7	22.3	24.4	27.4	21.9	85	85	80	82	85	93	85	2.8
30	57.43	57.50	58.45	56.51	57.36	57.89	57.52	22.5	23.3	26.3	27.5	24.8	23.4	24.6	28.9	22	92	96	82	75	85	95	87.5	------
31	56.82	56.76	57.87	56.24	56.13	57.46	56.88	24.3	23	27.8	29.1	26	24	25.7	30	22.3	89	95	71	70	78	91	82.3	------
Mean	58.58	58.92	59.91	57.73	58.60	59.56	58.88	23.1	22.8	26.7	28.2	25.4	23.8	25	29	22.2	90.2	91.2	78.5	72.5	83.2	88.5	84	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	60.2

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NE	NE	NE	ENE	ENE	Calm	25.5	63	88	35.2	211.7	8	Ci.-S.	Cu.	10	A.-S.	S.-Cu. E
2	NE	E	NNW	NNW	NNW	N	44	68.1	82.4	51.2	245.7	10	A.-S. NE	N. ENE	10	A.-S.	N. NE
3	NNE	NNE	NE	SW	ENE	N	75.3	67.9	67	42.4	252.6	10	Ci.-S.	S.-Cu. E	10	Ci.-S.	Cu.-N. SE
4	ESE	NE	ESE	SSE	E	NE	42.1	57.3	82.3	24.6	206.3	6	Ci.	Cu. SE	4	Ci.	Cu.
5	NE	E	SW	SSE	NE	Calm	30.6	32.5	75.3	30.1	168.5	7	Ci.-S.	S.-Cu. E	8	Ci.-S.	Cu.-N. E
6	NE	E	NE	NNE	NE	Calm	19.8	64.1	72.6	23.1	179.6	3	Ci.	----------	9	Ci.	Cu. E
7	Calm	E	NE	W	E	Calm	20.9	42.3	53.1	21.2	137.5	2	Ci.	----------	9	Ci.-S.	Cu.-N. SE
8	E	NE	NNE	NE	NE	NE	35.6	53.7	73	63.8	226.1	5	Ci.	Cu.	9	Ci.-S.	N. ESE
9	NE	NNE	NE	NE	NE	NE	56.6	85.5	125.7	73.7	341.5	6	Ci.	Cu. ESE	6	Ci.	Cu. ESE
10	NE	NE	NE	NE	NE	NE	47.5	99.3	114.9	79.4	341.1	6	Ci.	Cu. E	7	Ci.-S.	Cu. E
11	NE	ENE	NE	NE	NE	NE	83.1	143.2	172.4	94.3	493	9	Ci.-S. NE	Cu, SE	9	Ci.-S.	Cu.-N. E
12	NNE	NNW	ENE	ENE	NE	NE	63.8	86.9	159.6	82.3	392.6	6	Ci.	Cu.	7	Ci.-S.	Cu. E
13	NE	NE	NE	NE	ENE	NE	95.8	110.2	112.7	63.8	382.5	10	Ci.-S.	N. E	10	Ci.-S.	N. E
14	NE	NNE	N	NE	NE	NE	61	42.3	45.9	29.2	178.4	10	A.-S. NE	N. E	10	Ci.-S.	Cu.-N.NE
15	NE	NNE	NE	NNW	NE	NNE	44	50.4	51.3	39.6	185.3	10	A.-S.	S.	10	Ci.	Cu. E
16	NNE	NE	ENE	ENE	ENE	NE	53.1	104.6	164.1	148.4	470.2	8	Ci.-S.	Cu.	7	Ci.-S.	Cu. E
17	ENE	NE	NE	NE	ENE	NE	119.6	144 87	170.3	86.4	521.1	6	Ci.	Cu.	8	Ci.	Cu. E
18	NE	NE	NE	ENE	ENE	NE	101.2	135.7	151.8	106.5	495.2	6	Ci.	Cu. E	6	Ci.	Cu. E
19	NE	NNE	NE	NE	NE	NNE	53.6	118.3	157.7	85.3	414.9	8	Ci.-S.	S.-Cu. E	6	Ci.	Cu. E
20	NE	N	NE	NE	NE	NE	51	97.1	121.3	72.6	342	8	Ci.-S.	Cu. E	7	Ci.	Cu. E
21	N	E	NE	NE	NE	NE	35.6	71	89.8	51.5	247.9	7	Ci.	Cu.	7	Ci.-S.	Cu. E
22	E	NE	NE	ENE	Calm	Calm	26.6	66.6	79.9	41.3	214.4	10	Ci.-S. NE	Cu.-N. E	8	Ci.-S.	Cu. E
23	N	NE	NE	SW	Calm	NE	35.9	43.5	34.6	39.4	153.4	10	Ci.-S.	Cu.-N. E	10	Ci.-S.	cu.-N.ENE
24	NNE	NE	NE	ENE	ENE	NE	46.4	69	160.7	153.5	429.6	10	Ci.-S. N	S.-Cu. ENE	9	Ci.-S.	cu.-N.ENE
25	ENE	ENE	ENE	ENE	NE	ENE	148.4	120.4	140.3	98.5	507.6	7	Ci.	S.-Cu.	8	Ci.-S.	Cu.-N. E
26	NE	NE	NE	ENE	NE	N	68.4	120.7	175.6	74.5	439.2	10	Ci.-S.	Cu.-N. ENE	8	Ci.-S.	cu.-N.ENE
27	NE	N	NE	NE	NE	NNE	67.4	78.1	122	55.7	323.2	10	Ci.-S. ENE	N.	10	Ci.-S.	N. E
28	N	NNE	NE	NE	NNE	NNE	64.2	86.3	120.1	85	355.6	8	Ci.-S.	Cu. E	10	Ci.-S.	N. ESE
29	NE	NE	NE	NE	NE	NE	91.2	108.6	143.4	78.4	421.6	8	Ci.-S.	Cu.-N. ESE	8	Ci.-S.	Cu. ESE
30	NE	NNE	ENE	NE	NE	NE	58.9	114.5	134.4	83.7	391.5	9	Ci.-S. NE	S.-Cu.	8	Ci.-S.	Cu. E
31	NE	NE	ENE	NNW	NE	NNE	44.5	47	61	39.7	192.2	8	Ci.-S.	Cu. E	7	Ci.	Cu.
Mean	------	------	------	------	------	------	58.4	83.6	109.8	66.3	318.1	7.8	----------	----------	8.2	----------	----------
Total	------	------	------	------	------	------	-----	-----	-----	-----	9,862	----	----------	----------	----	----------	----------

[a] This is an approximate height of the barometer above sea level.

AMBULONG, TANAUAN.

[ϕ=14° 07′ N; λ=121° 04′ E; barometer above sea, 10.5 meters; gravity correction not applied, —1.74 mm.]

FEBRUARY, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.76	56.90	57.74	55.55	56.19	57.46	56.77	23	22.5	29.5	29.3	25.7	25	25.8	30.8	22.4	95	92	63	69	86	92	82.8	------
2	56.61	57.08	58.28	55.69	56.24	57.07	56.83	24.6	24	27.8	29.5	29.6	24.8	26.7	31.5	22.2	88	91	73	61	67	85	77.5	1.6
3	56.28	57.21	58.39	55.59	56.72	57.59	56.96	21.7	22.3	26.8	32.2	29	23.8	26	33	21.5	92	94	78	53	65	85	77.8	------
4	57.06	57.33	58.96	55.94	56.12	57.31	57.12	22.6	23.2	24.3	29.9	27.2	24.7	25.3	30	21.8	86	86	89	65	75	89	81.7	7.1
5	57.21	57.55	58.51	56.54	58.23	59.06	57.85	21.8	21.3	27.8	30.4	29	21.3	25.3	32	20.1	87	88	79	63	65	93	79.2	------
6	58.56	58.99	59.84	56.97	57.54	58.15	58.34	19.6	17.8	26.8	31.3	28.2	21.7	24.2	31.7	17.7	87	91	78	58	73	92	79.8	------
7	57.76	57.18	58.55	56.08	55.94	56.83	57.06	20	19.2	26.4	29.3	27	16.9	23.1	30	16.8	96	92	81	69	71	80	81.5	------
8	56.39	56.55	58.06	56.49	56.59	58.33	57.07	16.4	15	24.6	28.7	27.6	18	21.7	30	14.9	92	91	87	68	73	94	84.2	------
9	58.25	58.73	60.43	57.98	58.54	60.01	58.99	17.1	18	25.8	31.2	27.7	21.5	23.6	31.8	15.6	91	92	67	61	72	94	79.5	------
10	59.91	59.89	61.54	59.37	59.34	60.70	60.12	22	20.8	28	30	26.9	24	25.3	30.3	20	96	91	71	59	70	91	79.7	------
11	59.96	60.54	61.75	59.20	59.89	61.10	60.41	22.3	21	27.8	28.5	26.8	23	24.9	29.3	20.3	94	95	71	68	78	94	83.3	.3
12	60.04	60.19	61.49	58.90	59.58	61.19	60.23	22.5	23.3	27.5	30	26.7	24.6	25.8	31.3	22.4	93	92	73	65	79	87	81.5	------
13	60.26	60.83	61.49	59.42	59.53	61.23	60.46	23.3	24	27.9	31.4	24.7	22.4	25.6	31.7	22.1	92	93	72	63	94	92	84.3	4.1
14	60.78	60.96	62.15	59.46	59.15	60.75	60.54	23.2	22.6	28.3	30	25.8	24.2	25.7	30.5	22.4	94	92	80	59	78	90	82.2	------
15	59.51	59.91	60.95	58.68	59.36	60.87	59.88	22.4	22.7	27	28.8	25.8	24	25.1	30.6	22	93	92	77	72	85	91	85	------
16	59.91	59.84	61.12	58.38	58.64	60.30	59.70	23.4	23.7	29.2	32.5	28.8	23.7	26.9	33.2	21.7	88	92	70	58	72	92	78.7	------
17	59.30	59.64	60.73	57.41	57.92	59.54	59.09	21.3	23	27.8	32.7	29.5	25.3	26.6	33	21	94	95	73	62	72	89	80.8	------
18	58.56	58.47	59.20	56.48	56.95	58.13	57.96	24.2	23.8	28.5	31.8	27.5	24.5	26.7	32.7	23.4	90	91	74	56	75	87	78.8	------
19	57.36	57.41	58.30	55.94	57.14	57.54	57.28	23.8	24	29	31.5	25.6	24.8	26.4	32	22.9	90	91	71	58	87	87	80.7	------
20	57.07	56.97	57.58	55.64	56.98	57.87	57.02	25	24.3	28	28.9	24.9	24.3	25.9	30	24	92	89	77	71	84	91	84	8.9
21	57.25	57.11	58.26	56.10	56.28	57.48	57.08	24	24	28	28.6	26.2	26	26.1	29	23.8	93	91	77	73	82	84	83.3	------
22	57.10	57.26	58.34	55.88	56.79	57.79	57.19	24.5	24	27	26.8	25	24.3	25.3	27.8	24	87	90	78	78	85	89	84.5	8.6
23	56.91	57.35	58.57	55.87	57.07	58.81	57.43	24.3	24	30	30	27.8	24	26.7	30.1	22.7	91	93	65	71	67	91	79.7	------
24	57.26	57.80	58.61	56.66	57.34	58.36	57.67	22.3	21.8	28.8	27.7	22.5	20.4	23.9	29	19.9	94	93	72	72	94	94	86.5	------
25	56.91	58.66	59.39	56.57	56.79	58.44	57.79	19.4	19.3	28.8	31.1	28	23.1	25	31.2	19.2	94	91	65	65	73	93	80.2	------
26	58.22	58.46	59.90	56.78	56.64	58.21	58.04	21.6	22.1	30.7	33.4	29	25	27	33.5	21.3	93	93	61	62	71	92	78.7	------
27	57.22	58.16	59.47	56.92	57.30	59.01	58.01	24.6	23	29.9	31.9	26.6	25	26.8	33	23	87	96	65	61	81	85	79.2	------
28	57.89	58.69	59.55	56.78	57.28	59.01	58.20	24	23.7	30	31.8	27.2	24.5	26.9	32	23.6	93	92	65	61	78	87	79.3	------
29	58.22	59.23	60.99?	57.06	57.26	59.33	58.68	22.8	21.8	30.8	34.2	29	23.7	27	34.4	21.8	88	84	60	54	71	92	74.8	.8
Mean	58.09	58.44	59.59	57.05	57.56	58.88	58.27	22.3	22.1	28	30.5	27.1	23.4	25.6	31.2	21.2	91.4	91.5	72.8	64	76.7	89.7	81	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	26.4

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NE	NE	NE	ENE	NE	NNE	32.2	39.6	96	92.3	260.1	9	Ci.-S. ENE	Cu.-N. E	9	Ci.-S.	S.-Cu.
2	ENE	E	NE	NE	N	NE	56	35.4	39.1	28.8	159.3	9	Ci.-S.	S.-Cu. E	10	Ci.-S.	N. E
3	NE	Calm	SW	SW	SSW	NE	34.3	25.7	47	47.2	154.2	3	Ci.	----------	5	Ci.	Cu.
4	NE	Calm	Calm	SW	S	Calm	27.4	15	39.7	21.9	104	10	Ci.-S.	S.	9	Ci.-S.	Cu.-N. W
5	NE	NE	SW	SSW	WSW	NE	33.8	27.2	72.9	37.3	171.2	2	Ci.	----------	6	Ci.	Cu.
6	NE	NE	E	SW	SW	E	35.4	33.2	44.8	43.5	156.9	2	Ci.	----------	5	Ci.	Cu. SSW
7	NE	NE	SW	SSW	WSW	NE	35.2	34.8	77.4	42.1	189.5	8	Ci.-S. NE	Cu.	5	Ci.	Cu. SSW
8	NE	NE	S	SSW	WNW	NE	49.9	44.8	80.8	49.6	225.1	2	Ci.	----------	6	Ci.	Cu. SW
9	NE	E	N	NNE	S	E	46.7	59	58.4	29.8	193.9	3	Ci.	----------	5	Ci.	Cu. NE
10	NE	N	NNE	NE	NE	ENE	29	70	100.3	56.1	255.4	9	Ci.-S.	S.-Cu.	6	Ci.	Cu. NE
11	NW	Calm	ENE	NNE	NE	NE	15.1	64.2	91.4	65	235.7	5	Ci.	Cu. NE	9	Ci.-S.	Cu.-N. NE
12	NNE	NE	NNE	NNE	NE	NE	50.1	63.4	89.3	46.2	249	9	Ci.-S.	Cu.-N. NE	6	Ci.	Cu.
13	NE	NE	NE	NNE	Calm	Calm	41.8	55	78.1	23.1	198	5	Ci.	Cu.	8	Ci.-S.	Cu. NE
14	NNE	NE	ENE	NNE	ENE	NE	59.7	93.8	108.4	78.7	340.6	9	Ci.-S.	S.-Cu. E	6	Ci.	Cu. E
15	ENE	Calm	NNE	NE	E	Calm	48.8	67.9	99.3	15.5	231.5	8	Ci.-S. NE	S.-Cu. E	8	Ci.-S.	Cu.-N. E
16	Calm	NNE	NE	SW	N	Calm	26.4	52.1	43.5	28.2	150.2	9	Ci.-S.	S.-Cu. E	6	Ci.	Cu. E
17	Calm	NE	NE	NNE	Calm	NE	28.5	69.2	65.7	23.3	186.7	9	Ci.-S.	S.-Cu. SE	9	Ci.-S.	S.-Cu. SE
18	Calm	NNE	NNE	NNE	NE	NE	-----	64.4	60.9	27.2	-------	5	Ci.	Cu.	9	Ci.-S.	Cu. SE
19	NNE	NE	NE	ENE	NE	NNE	-----	59.2	111.8	72.4	-------	5	Ci.	Cu.	9	Ci.-S.	Cu.-N. SE
20	NE	NE	ENE	NE	NE	NE	55.2	59.2	92.7	38.6	245.7	10	A.-S.	S.-Cu.	9	Ci.-S.	Cu.-N. E
21	NE	NE	NE	NE	NE	NE	-----	89.5	100.3	76.9	-------	9	Ci.-S.	S.-Cu. E	9	Ci.-S.	S.-Cu. E
22	NE	NE	NE	NE	NE	NE	70.5	-----	84.5	53.3	-------	9	Ci.-S. NNE	S.-Cu. E	9	Ci.-S.	Cu.-N. E
23	NNE	NE	E	NE	NE	Calm	50.5	67.6	-----	30.4	-------	7	Ci.	Cu.	5	Ci.	Cu. E
24	Calm	Calm	SW	NE	NE	NE	25.2	43.7	64.1	-----	-------	3	Ci.	----------	6	Ci.	Cu.
25	NE	NE	NNE	NNE	Calm	NE	-----	54.4	62.8	25.5	-------	4	Ci.	Cu.	6	Ci.	Cu.
26	NE	Calm	NE	SW	NE	NE	-----	27.9	47.7	37.6	-------	3	Ci.	----------	5	Ci.	Cu. E
27	E	NE	ENE	ENE	NE	NE	23.6	50.7	105.1	59.8	239.2	4	Ci.	Cu.	7	Ci.-S.	Cu. E
28	NNE	E	ENE	ENE	NE	NNE	48.6	80	118	47.8	294.4	10	Ci.-S.	N. E	5	Ci.	Cu.
29	N	N	NNE	ENE	ENE	E	36.7	53.9	63.9	19.6	174.1	4	Ci.	Cu.	6	Ci.	Cu.
Mean	-----	-----	-----	-----	-----	-----	40	53.6	76.6	43.5	210.2	6.3	----------	----------	7	----------	----------

AMBULONG, TANAUAN.

[ϕ=14° 07′ N; λ=121° 04′ E; barometer above sea, 10.5 meters; gravity correction not applied, —1.74 mm.]

MARCH, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.42	59.45	60.64	58.74	59.16	60.50	59.48	24	23.9	28	28.9	25.8	23.7	25.7	29.4	23	91	84	70	68	78	85	79.3	0.5
2	59.21	59.46	60.82	58.94	58.66	60.36	59.58	23.2	24	26.9	27.2	24.9	22.5	24.8	27.3	22.4	90	87	77	75	84	87	83.3	------
3	59.28	59.71	60.84	58.58	59.09	60.85	59.72	21.8	22	29.8	29.4	27.5	24	25.8	31	21.6	84	93	66	68	73	91	79.2	------
4	60.23	60.09	61.75	58.68	58.87	60.64	60.04	22.8	22.7	28.7	32.8	28.7	25.5	26.9	33	22	84	85	67	56	73	84	74.8	------
5	59.65	59.79	60.77	58.69	58.65	59.57	59.52	24.2	24	30	28.4	26.7	25.1	26.4	31.6	23.8	90	91	65	75	79	91	81.8	------
6	58.94	59	60.07	57.28	57.34	58.94	58.60	25	24.9	27	30.3	27.3	25.3	26.6	30.8	23.8	92	84	77	63	79	89	80.7	------
7	57.32	57.58	58.69	55.80	56.77	58.08	57.37	23.4	23.1	30	33.7	28.3	25.5	27.3	34.3	23	95	94	65	57	75	88	79	------
8	57.32	58.21	59.59	56.76	56.74	59.24	57.98	22	22	28.9	33.2	31	26	27.2	33.8	21.9	96	96	71	54	59	84	76.7	------
9	58.73	59.16	60.51	57.72	58.19	59.94	59.04	23.6	22.1	30	33.4	29.7	25.2	27.3	33.7	22	86	92	65	57	67	90	76.2	------
10	58.37	59.06	59.71	56.93	57.79	58.76	58.44	24	22.5	29.3	34	33.3	25.8	28.2	34.1	22	91	87	69	56	53	85	73.5	------
11	58.26	58.55	59.82	57.37	57.59	59.48	58.51	21.8	21.4	28.3	32.2	28.8	25.7	26.4	32.3	21	90	93	70	59	65	84	76.8	------
12	59.12	59.60	60.64	58.04	58.16	60.11	59.28	24.6	24.1	29.3	31.9	28.3	26.2	27.4	32	24	87	91	69	55	75	82	76.5	------
13	59.56	60.04	61.09	58.56	58.71	60.72	59.78	24.9	24.2	30.7	33.7	28.8	26	28	34.5	24	84	90	61	52	72	84	73.8	------
14	59.11	59.22	59.72	57.44	58.08	59.98	58.92	24.7	23.8	29.4	30.9	27.6	25.8	27	32	23.4	86	85	68	60	73	85	76.2	------
15	58.61	58.53	58.75	56.52	58.14	59.59	58.36	23.1	23	30.4	32.8	29.5	25.9	27.4	33.1	22.7	95	95	65	56	68	80	76.5	------
16	58.30	59.10	60.11	57.98	58.19	59.92	58.93	24.3	24.2	31.5	32	28.5	26	27.8	33.8	24	89	90	59	61	74	84	76.2	------
17	59.23	59.69	60.67	58.08	58.99	60.57	59.54	24.9	22.2	31.4	33.2	29.3	26	27.8	33.8	22	84	89	63	54	69	84	73.8	------
18	59.42	59.59	60.19	58.61	58.24	60.58	59.44	24.8	24	26.5	28	24.3	23.3	25.2	29.9	22.8	85	91	80	70	89	89	84	6.6
19	59.81	59.61	60.02	58.32	57.63	59.72	59.18	22.7	21.8	29.2	33.4	30	26.3	27.2	33.7	21.8	85	92	70	59	65	82	75.5	------
20	58.34	59.04	59.92	57.88	57.62	59.17	58.66	25	23.6	31.8	30.3	28.7	25.8	27.5	33.2	23.5	88	93	61	63	73	78	75.2	------
21	58.37	59.26	60.04	57.87	58.30	60.24	59.01	23.9	21.9	30.9	34.3	30	24.9	27.6	34.3	21.8	87	83	60	55	62	84	71.8	------
22	59.40	60.23	60.94	58.64	59	60.84	59.84	22.4	23.2	30	34.3	30.7	26.2	27.8	34.4	22.3	96	93	65	55	61	78	74.7	------
23	59.90	60.64	61.96	59.71	59.97	61.86	60.67	25.2	24.7	31.2	33.8	29.3	26	28.4	33.9	24.6	90	86	58	51	69	85	73.2	6.4
24	61.37	61.82	62.97	61.12	61.31	62.18	61.80	25	23.4	27.2	28.2	26.6	25.1	25.9	29.9	23.3	92	93	72	69	81	91	83	------
25	61.50	61.77	62.57	60.06	60.32	61.34	61.34	24.5	23.8	29.3	31.2	27.8	24.9	26.9	31.3	23.7	87	85	69	58	71	84	75.7	------
26	61.24	61.67	62.27	59.47	59.77	60.87	60.88	24	23.7	28.3	32.8	27.7	25.4	27	32.9	23.6	87	85	75	56	72	80	75.8	------
27	60.80	60.99	61.27	59.65	59.97	61.42	60.68	24.7	23.9	30.3	33	28.3	25.7	27.6	33.2	23.8	86	87	63	55	68	78	72.8	------
28	60.25	60.65	61.32	58.40	58.62	60.14	59.90	24.8	23.7	31.2	34.3	30	25.7	28.3	34.4	23.6	85	85	58	55	65	86	72.3	------
29	59.12	59.41	59.78	57.09	57.75	59.64	58.80	24.8	23.7	32.1	34.2	29.8	26	28.4	34.4	23.6	85	92	60	55	65	85	73.7	------
30	59.26	59.55	59.71	56.85	57.15	58.42	58.49	25.7	24.2	30.1	33.7	29.5	26.8	28.3	33.8	24.1	86	90	64	52	61	78	71.8	------
31	58.09	58.39	59.07	55.89	56.64	58.37	57.74	25.2	24.3	30.7	34	32	25.7	28.6	35.8	22.8	90	89	61	54	54	86	72.3	------
Mean	59.24	59.64	60.52	58.12	58.43	60.08	59.34	24	23.4	29.6	32	28.7	25.4	27.2	32.8	23	88.3	89.4	66.5	59.1	70.1	84.5	76.3	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	13.5

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NE	NE	NE	ENE	NE	NE	45.3	118.6	150.7	52.3	366.9	10	Ci.-S.	NE	7	Ci.-S.	Cu. ENE
2	NE	ENE	ENE	ENE	ENE	E	54.9	93.6	121.5	50.5	320.5	9	Ci.-S.NNE		6	Ci.-Cu.	Cu.
3	Calm	NE	E	NE	NE	NE	31.4	84.5	86.7	40.8	243.4	3	Ci.		10	Ci.-S.	Cu.-N. E
4	E	NE	NE	NE	E	NE	36.5	58.4	55	26.4	176.3	4	Ci.		9	Ci.-S.	Cu.-N. E
5	N	NE	NE	ENE	ENE	ENE	35.7	97.7	114.3	77.2	324.9	5	Ci.-Cu.	Cu.	10	Ci.-S.	Cu.-N. E
6	NE	NE	NE	ENE	NE	NE	73.7	100.6	116.5	65	355.8	8	A.-S.	S.-Cu.	6	Ci.	Cu. E
7	Calm	NE	ENE	E	ESE	Calm	24.3	53.6	63.9	21.4	163.2	5	Ci.	Cu. E	5	Ci.	Cu.
8	N	E	SE	E	S	Calm	30.8	25.9	48.6	30.4	135.7	5	Ci.	Cu.	6	Ci.	Cu. NE
9	E	Calm	E	E	E	E	20.3	69.4	117.5	51.7	258.9	4	Ci.		9	Ci.-S.	Cu.-N.NE
10	NE	Calm	ENE	SSW	E	Calm	26.2	57.7	50.4	23.3	157.6	5	Ci.	Cu.	5	Ci.	Cu.
11	E	NE	ENE	ENE	NE	NE	32	78.4	121.2	96	327.6	6	Ci.	Cu. E	6	Ci.	Cu.
12	NE	NE	ENE	ENE	ENE	NE	61.8	117.5	132	86.1	397.4	5	Ci.	Cu.	7	Ci.	Cu. E
13	ENE	Calm	NNE	ENE	ENE	NE	62.6	83.1	108.3	79.2	333.2	8	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu. NE
14	Calm	Calm	NE	ENE	NE	NE	26	91.1	111	46.2	274.3	6	Ci.	Cu.	7	Ci.	Cu. NE
15	E	NE	NE	ENE	NE	Calm	26.2	117.5	131.2	37.8	312.7	7	Ci.-S.	Cu. E	6	Ci.	Cu.
16	NE	NE	ENE	ENE	NE	NE	47.8	118.6	120.2	90.4	377	5	Ci.	Cu.	8	Ci.-S.	Cu.-N. E
17	NE	Calm	ENE	NE	NE	NE	47.3	76.2	136.3	85.1	344.9	7	Ci.-S.	Cu.	6	Ci.	Cu. E
18	NNE	NE	NE	NNE	N	NE	50.9	86.1	71.4	34.4	242.8	8	Ci.-S.	Cu. E	9	Ci.-S.	Cu.-N. E
19	NNE	NE	ENE	NE	NE	NE	46.9	80.5	131	82.6	341	5	Ci.	Cu.	7	Ci.-S.	Cu. E
20	NE	NE	ESE	E	NE	NE	45.3	74.8	73.5	51	244.6	7	Ci.-S.	Cu. E	9	Ci.-S.	Cu.-N. E
21	NE	Calm	ESE	NE	NE	SE	27.2	49.9	99.6	24.1	200.8	4	Ci.	Cu.	8	Ci.-S.	Cu.-N. E
22	Calm	NE	NE	NE	NE	NE	36.7	91.2	122.6	88.5	339	8	Ci.-S. ENE	Cu.-N. E	5	Ci.	Cu. E
23	NNE	NE	ENE	ENE	NE	NE	------	------	142.9	104.3	------	4	Ci.	Cu. SE	6	Ci.	Cu.
24	NE	NE	ENE	ENE	NE	NE	75.3	132	150	138.7	496	8	Ci.-S.	Cu.-N SE	4	Ci.	Cu.
25	NE	NE	NE	ENE	NE	ENE	127.4	133.6	------	83.9	------	5	Ci.	Cu.	8	Ci.-S.	Cu.-N. E
26	ENE	E	NE	ENE	NE	NE	43.1	74.3	140.5	74.3	332.2	4	Ci.	Cu.	6	Ci.	Cu. E
27	Calm	Calm	NE	NE	NE	ENE	35.1	69.27	------	------	------	5	Ci.	Cu.	7	Ci.-S.	Cu. E
28	NE	NE	NE	NE	NE	NE	------	------	88.8	44.8	------	5	Ci.	Cu.	7	Ci.-S.	Cu.
29	NE	Calm	NE	NE	NE	NE	34.9	99.3	136.8	80.2	351.2	5	Ci.	Cu. E	6	Ci.	Cu. E
30	NE	NE	ENE	NE	NE	NE	75.8	108.9	133.6	91.4	409.7	6	Ci.	Cu. E	7	Ci.	Cu.
31	NE	NE	NNE	SW	E	Calm	47.7	46.1	55.7	21.5	171	4	Ci.	Cu.	5	Ci.	Cu.
Mean	------	------	------	------	------	------	45.8	85.8	108	62.6	296.2	5.8	----------	----------	6.9	----------	----------

AMBULONG, TANAUAN.

[ϕ=14° 07′ N; λ=121° 04′ E; barometer above sea, 10.5 meters; gravity correction not applied, —1.74 mm.]

APRIL, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.33	57.35	58.05	55.83	56.25	58.41	57.20	22	21.1	29.1	34.3	31.2	25.8	27.2	34.8	21	96	94	70	52	64	78	75.7	------
2	57.22	57.39	58.70	56.56	57.60	59.88	57.89	25	22.7	29.8	34.8	32.5	25.6	28.4	36	22.6	92	92	66	52	58	87	74.5	------
3	59.98	60.16	60.18	57.85	58.42	59.98	59.43	23	21.6	31.7	35.8	30.8	25.7	28.1	36.1	21.5	93	93	62	48	60	86	73.7	------
4	59.82	60.39	60.79	58.01	58.77	60.94	59.79	23.4	22.3	31.9	34.9	30.3	26.3	28.2	35	22.2	88	88	55	52	63	84	71.7	------
5	59.97	60.65	61.67	59.71	60.68	62.24	60.82	26	25.5	26.2	28.7	26	25.4	26.3	29	25	85	88	82	70	84	87	82.7	------
6	60.62	61.21	62.14	59.79	60.62	62.59	61.16	24.3	24	27.2	31.2	27.7	25.8	26.7	31.3	24	87	90	75	58	74	84	78	------
7	61.72	61.89	62.34	60.55	61.37	63.22	61.85	25	24.7	31.4	33.8	29.6	26.3	28.5	33.9	24.6	92	86	57	57	67	74	72.2	------
8	61.88	61.94	62.17	59.63	60.02	61.82	61.24	25.4	25.1	30.3	32	28.3	25.9	27.8	32.3	24.8	87	86	63	60	68	87	75.2	------
9	60.90	60.69	61.67	59.01	59.73	60.84	60.47	25.1	25	27.1	31.8	29	26.1	27.4	32	24.7	91	92	78	55	71	82	78.2	------
10	60.27	60.34	61.44	59.28	59.46	60.52	60.22	25	24	31.7	30.3	29	25.9	27.6	32	24	87	91	58	64	71	85	76	------
11	60.37	60.72	61.16	58.80	59.21	60.61	60.14	24.8	24.3	29.9	32.9	28.2	26	27.7	33.1	24.1	85	89	65	61	76	84	76.7	1
12	60.05	60.19	61.19	58.97	59.48	61.57	60.24	24.7	24.8	28.7	32.1	28.7	26	27.5	32.7	24.2	86	87	66	60	66	84	74.8	5.3
13	60.28	60.34	61.13	58.50	59.30	60.67	60.04	24.7	24	29.9	33.4	30.5	26.6	28.2	33.8	23.8	87	91	65	55	62	81	73.5	------
14	59.85	59.98	60.72	58.37	58.95	59.82	59.62	25.3	24.7	29.2	33.3	27.8	26.4	27.8	34	24.6	89	86	67	54	71	81	74.7	------
15	58.84	59.08	59.86	57.19	57.98	59.64	58.76	24.9	22.8	31.6	34	29.7	25.7	28.1	34.2	22.8	84	92	56	57	67	86	73.7	------
16	58.69	58.79	59.32	56.91	57.59	58.87	58.36	23.8	22.7	29.3	33.7	29.3	26.3	27.5	33.8	22.7	85	92	69	52	62	83	73.8	------
17	57.24	57.30	57.37	55.33	55.97	57.34	56.76	25.7	23.9	32.3	35	30.2	27.7	29.1	35.3	23.8	86	87	53	52	64	72	69	------
18	55.55	55.77	56.43	54.12	54.27	56.87	55.50	24.4	23.1	30.3	35	30.7	25	28.1	36.8	23	88	94	63	49	61	92	74.5	------
19	55.59	55.91	57.02	54.71	55.45	57.32	56	23.3	22.6	32	35.2	32.5	26.7	28.7	35.7	22.5	94	93	54	55	58	80	72.3	------
20	56.26	56.34	56.94	54.89	54.65	56.62	55.95	25.8	23.3	32	35	32.3	27.7	29.4	35.7	23	85	94	55	54	55	73	69.3	------
21	56.16	56.14	57.33	54.80	54.60	56.97	56	24.1	23.3	32.3	35.8	34	25.7	29.2	36.5	23.3	91	92	59	48	56	86	72	------
22	56.24	56.57	57.59	55.10	55.31	57.01	56.30	24.6	23.7	30.8	35	33.9	28.9	29.5	37	23.6	87	92	60	54	52	71	69.3	------
23	56.29	56.28	56.62	54.15	55.25	56.82	55.90	26.7	25.2	31	35.8	31.5	27.7	29.6	37.8	25.1	85	90	61	48	57	79	70	------
24	55.82	56.34	56.67	54.29	54.74	57.53	55.90	25.8	24.8	32.8	35.9	31	26.7	29.5	37.5	24.8	85	85	56	48	61	79	69	------
25	56.74	56.99	57.69	55.23	55.91	57.75	56.72	25	23.6	34.2	35.9	29.4	26.3	29.1	38	23.5	85	93	55	48	68	82	71.8	1
26	57.21	58.10	58.89	56.46	57.65	59.54	57.98	24.2	25	33.6	35.8	31	23.3	28.8	37.5	23.3	90	85	57	48	59	89	71.3	45.7
27	57.79	58.06	58.94	56.74	57.39	59.09	58	23.7	22	31.7	32.5	28	26	27.3	33	22	85	93	63	58	77	85	76.8	1.5
28	57.89	58.34	58.82	56.20	57.71	58.93	57.98	24.9	24	31.2	30.6	26.5	24.8	27	35.8	24	84	91	58	68	80	85	77.7	6.6
29	57.79	58.11	59.32	56.50	57.07	59.21	58	24.9	24.7	32	34.8	26.3	25.2	28	35.8	24	84	87	56	52	85	90	75.7	1.5
30	58.11	58.55	59.19	57.31	58.10	59.04	58.38	25	24	30.4	24.5	28	26.6	26.4	30.9	23.8	92	93	63	87	77	81	82.2	38.9
Mean	58.42	58.66	59.38	57.03	57.65	59.39	58.42	24.7	23.8	30.7	33.5	29.8	26.1	28.1	34.6	23.5	87.8	90.2	62.2	55.9	66.5	82.6	74.2	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	101.5

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	E	Calm	SW	SW	S	E	29.5	31.7	72.4	27.1	160.7	4	Ci.	Cu.	7	Ci.	Cu. NE
2	NE	Calm	SW	NNE	E	NE	21.5	30.6	72.2	21.2	145.5	5	Ci.	Cu.	4	Ci.	Cu.
3	NE	NE	SW	NNE	S	E	20.7	36.7	67	62.6	187	6	Ci.	Cu. NE	6	Ci.	Cu.
4	Calm	NE	E	NNE	SW	Calm	20.6	31.9	68.7	23.6	154.8	4	Ci.	Cu.	8	Ci.-S.	Cu.-N. SE
5	S	NE	ENE	ENE	NE	NNE	34.3	92.2	127.3	76.6	330.4	9	Ci.-S.	N. SE	8	Ci.-S.	Cu. E
6	NE	NE	NE	NNE	NE	NE	84.2	95.2	131.4	95.5	406.3	9	Ci.-S.	Cu.-N. E	8	Ci.-S.	Cu. E
7	NE	NE	ENE	NE	NE	NE	48.9	94.4	145.8	127.1	416.2	5	Ci.-Cu. E	Cu. NE	6	Ci.	Cu. NE
8	ENE	NE	ENE	ENE	ENE	NE	72.4	146.4	163.1	108.4	490.3	4	Ci.	Cu.	6	Ci.	Cu. NE
9	ENE	NNE	NE	NE	NE	NE	89.8	106.2	126.8	91.7	414.5	9	Ci.-S.	S.-Cu. NE	9	Ci.-S.	cu.-N. NE
10	NE	NE	NE	NNE	NE	NE	53.1	94.1	119.7	103	369.9	5	Ci.	Cu.	7	Ci.	Cu.
11	NE	NE	NE	NE	NE	NNE	63.9	104	140.3	89.9	398.1	10	A.-S. ENE	N. NE	9	Ci.-S.	cu.-N. NE
12	NE	NE	NE	NE	NE	NE	61.8	117.2	155.9	80.3	415.2	6	Ci.	Cu. NE	8	Ci.-S.	Cu. NE
13	NE	NE	NE	NE	ENE	NNE	43.5	98	134.4	84.7	360.6	6	Ci.	Cu. E	6	Ci.	Cu. E
14	NNE	NE	NE	NNE	NE	NE	72.7	101.7	125.5	89.5	389.4	5	Ci.	Cu.	7	Ci.-S.	Cu. E
15	NNE	E	NE	NE	NE	NE	43.5	80.8	123.9	85.6	333.8	5	Ci.	Cu. E	4	Ci.	Cu.
16	N	NE	NE	NE	NE	NE	44.1	79.2	125.7	61.2	310.2	9	Ci.-S. NNE	Cu.	5	Ci.	Cu.
17	NE	NE	NE	ENE	NE	Calm	38.1	91.1	141.3	55	325.5	9	Ci.-S.	S.-Cu. E	7	Ci.-S.	Cu. E
18	NE	NE	W	WNW	SW	Calm	16.7	33.2	64.4	37.8	152.1	5	Ci.	Cu.	8	Ci.-S.	Cu. E
19	Calm	NE	W	SW	W	E	23.3	26.9	82.3	26	158.5	7	Ci.-S.	Cu. NE	4	Ci.	Cu.
20	Calm	E	SW	SW	S	NE	25.2	34.8	67.1	40.8	167.9	6	Ci.	Cu. NE	5	Ci.	Cu.
21	NE	NE	ESE	SSW	E	NW	31.9	51.2	79.7	35.9	198.7	4	Ci.	Cu.	9	Ci.-S.	cu.-N.NNE
22	NW	NW	NNE	SW	E	SE	35.1	53.7	59.5	55.3	203.6	6	Ci.	Cu. NE	4	Ci.	Cu.
23	Calm	NE	SW	SW	SSW	SSW	25.1	38	87.5	69.2	219.8	9	Ci.-S.	S.-Cu. NE	4	Ci.	Cu.
24	NE	NE	WSW	SW	SW	Calm	31.6	34.4	70	47.7	183.7	8	Ci.-S.NNE	Cu. NE	6	Ci.	Cu.
25	NE	NE	SW	SW	Calm	NE	40.8	41.6	57.1	21.7	161.2	5	Ci.	Cu.	9	Ci.-S.	Cu.-N. SE
26	E	NE	NNW	ENE	S	NE	22.8	52.5	58.2	41.5	175	5	Ci.	Cu.	9	Ci.-S.	Cu.-N. E
27	Calm	NE	NNE	NNE	Calm	Calm	23.1	48.9	-----	-----	-------	4	Ci.	Cu.	8	Ci.-S.	cu.-N. NE
28	NE	NE	SW	SE	NW	Calm	-----	-----	-----	20.9	-------	4	Ci.	Cu.	9	Ci.-S.	N. ESE
29	SE	Calm	SW	ESE	NE	SE	18.2	32.4	56.8	26.8	134.2	7	Ci.-S.	Cu. E	9	Ci.-S.	Cu.-N. E
30	Calm	NE	NE	SE	Calm	NNE	22.5	38.1	31.2	59.7	151.5	6	Ci.	Cu.	10	Ci.-S.	N. E
Mean	------	------	------	------	------	------	40.3	66.1	98.4	60.9	268.4	6.2	----------	----------	7	----------	----------

AMBULONG, TANAUAN.

[ϕ=14° 07′ N; λ=121° 04′ E; barometer above sea, 10.5 meters; gravity correction not applied, —1.74 mm.]

MAY, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.24	58.62	59.64	56.39	57.35	58.44	58.20	24.8	23.2	29.9	33.6	29.6	26.3	27.9	33.7	23.1	85	98	65	58	67	82	75	------
2	57.41	57.76	58.21	56.45	56.79	58.06	57.45	25.2	24	31.4	33.4	29.4	26.5	28.3	33.9	24	90	91	68	59	68	85	76	------
3	56.91	57.01	57.67	56.68	56.72	58.10	57.18	25.3	23.8	29.9	28.3	26.3	25.5	26.5	30	23.7	89	85	65	68	82	89	79.7	3.8
4	56.16	57.40	58.09	56.79	57.41	58.29	57.36	24.2	24.4	28.7	28.8	25	24	25.8	30.2	23.9	90	88	67	72	92	91	88.3	14.2
5	56.86	57.11	58.24	56.21	57.35	58.09	57.41	24.3	24.9	29.6	32	30.4	26	27.9	32	24.1	89	96	67	60	63	84	74.8	------
6	57.24	57.37	58.12	56.34	56.39	57.62	57.18	25.1	25	30.9	33.1	29.1	26.7	28.3	33.2	24.9	86	85	60	60	68	83	73.7	1.3
7	56.89	56.98	57.48	56.22	56.79	58.36	57.12	25.6	24.7	29.5	28	26.6	24.7	26.5	31.2	24.4	87	86	70	77	80	86	81	3.6
8	57.42	58.39	58.68	56.90	57.84	59.09	58.05	23.3	24.2	30.5	31.9	27.6	26	27.2	32	23	89	98	62	56	73	84	76.2	------
9	58.14	58.50	59.14	57.94	58.58	59.66	58.66	25.3	25.4	30.9	27.7	26.3	25	26.8	32.8	24.9	84	85	60	79	88	92	80.5	3.3
10	58.05	58.39	59.21	57.45	57.67	58.81	58.26	24.7	24.3	29.5	27.4	26.9	25.1	26.4	29.5	24.2	86	85	68	74	79	91	80.5	3.3
11	57.27	57.62	58.36	56.01	57.04	58.45	57.46	24	24.3	28.5	32.2	26.9	25	26.9	32.3	23.7	93	85	74	61	77	92	80.3	2.3
12	57.27	58.20	58.74	56.29	56.88	58.64	57.67	24	24.3	29.3	33.7	29.8	26.7	28	34	24	85	84	69	53	66	80	72.8	------
13	57.19	57.96	57.97	56.11	57.07	58.59	57.48	25	24	31.4	29.4	28.2	25.6	27.3	33.3	24	87	93	63	63	76	82	78.2	------
14	56.96	56.82	57.28	55.34	56.04	57.95	56.73	24.7	24	30.3	27.6	27.3	23.6	26.2	31.3	23.3	89	91	63	80	75	90	81.3	9.1
15	56.04	56.28	57.07	54.99	56.12	57.96	56.41	23.3	22.8	29.3	32.9	26	25	26.6	33.1	22.7	89	92	69	56	87	87	80	5.9
16	57.07	57.87	58.84	57.74	58.79	59.83	58.36	24	24.4	31.4	29.5	26.4	24.9	26.8	31.5	23.4	93	93	61	65	81	86	79.8	8.1
17	58.94	59.17	59.94	57.97	57.94	60.12	59.01	24	23.5	31.3	31.8	28.5	26.7	27.6	33	23.5	91	92	60	55	71	80	74.8	------
18	58.39	58.86	58.77	56.77	56.61	57.72	57.85	25.2	24.4	31.3	33.7	29.8	25.2	28.3	34.2	24.3	90	88	58	57	66	90	74.8	------
19	57.16	57.79	58.17	55.93	55.82	57.93	57.13	23.5	24.8	30.3	34.5	32	25.7	28.5	34.7	23.4	90	85	63	55	60	86	73.2	------
20	57.38	57.81	58.21	56.72	57.07	58.35	57.59	25	24.5	31.8	26.4	28.8	26.1	27.1	34	24.5	92	87	61	78	72	83	78.8	------
21	57.45	57.44	57.82	56.03	56.77	57.87	57.23	24.6	23.7	30.7	33.9	29.2	26.9	28.2	34	23.6	87	92	61	51	67	79	72.8	------
22	56.75	56.88	57.54	56.53	56.51	58.29	57.08	25.4	24.5	32.1	30.8	28.5	25.3	27.8	33.1	24.4	85	87	60	60	71	89	75.3	------
23	56.94	57.52	58.01	55.94	56.17	57.59	57.03	24.5	24.9	31.4	34.4	30.3	27	28.8	34.7	23.8	87	84	63	56	63	84	72.8	------
24	56.36	57.71	58.08	56.04	56.27	57.94	57.07	26	25.8	32.7	33.9	30.5	27.5	29.4	34.1	25.7	90	88	57	53	62	81	71.8	------
25	57.24	57.73	58.21	56.18	56.72	57.94	57.34	26.1	26	31.2	32.8	29.6	27.2	28.8	33	25	91	91	67	62	67	88	76.8	3
26	56.45	57.05	57.26	56.41	56.02	57.27	56.74	26.1	25.3	32.2	28	27.8	26.4	27.6	33.8	25	86	89	65	77	79	89	80.3	------
27	55.89	56.64	56.36	54.87	55.28	56.89	55.99	26	26.3	31.6	30.5	26.2	25.3	27.6	32.1	24.8	85	88	56	62	82	89	77	1
28	55.47	55.68	56.86	54.92	55.63	57.22	55.96	24.8	25.4	31.3	32.2	29.7	26.7	28.4	32.3	23.9	85	93	58	59	72	85	75.3	------
29	55.81	56.10	55.97	54.30	55.97	57.96	56.02	24.7	24.3	31.8	32.9	25.3	24.7	27.3	33	23.4	86	91	67	61	89	90	80.7	8.4
30	56.19	57.69	57.54	55.70	56.38	57.99	56.92	23.8	24.2	29.5	33.3	29.3	25.7	27.6	34.3	23.6	93	93	68	59	73	86	78.7	------
31	56.79	57.39	57.92	56.29	57.08	58.24	57.28	24	24	31.8	32.6	28.8	26.3	27.9	34	23.7	91	97	70	63	79	86	81	------
Mean	57.04	57.54	58.05	56.29	56.81	58.25	57.33	24.7	24.5	30.7	31.3	28.3	25.8	27.6	32.8	24	88.4	89	63.9	63	73.9	85.9	77.3	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	67.3

Day.	Wind.										Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	Calm	ENE	ENE	NE	NE	18.2	59.8	101.1	57.6	236.7	7	Ci.-S.	Cu.	7	Ci.-S.	Cu. NE
2	NE	NE	NE	ENE	NE	NE	45.3	107.2	135.7	51.8	340	7	Ci.-S.	Cu. NE	7	Ci.-S.	Cu. NE
3	NE	NE	NE	ENE	ENE	NE	42.9	86.1	123.1	88.5	340.6	4	Ci.	Cu.	9	Ci.-S.	N. NE
4	NE	NE	NE	NE	NE	NE	63.9	96	114.6	94.6	369.1	10	Ci.-S.	N. NE	10	Ci.-S.	Cu.-N. NE
5	NE	NE	NE	NE	NE	NE	73.5	103	145.8	39.6	361.9	5	Ci.	Cu. NE	7	Ci.-S.	Cu. NE
6	NE	NE	ENE	ENE	NE	NE	53.3	105.9	150.2	80.8	390.2	7	Ci.	Cu. E	6	Ci.	Cu.
7	Calm	NE	NNE	NE	NE	NE	28.8	72.4	75	55.7	231.9	5	Ci.	Cu.	9	Ci.-S.	N. E
8	Calm	NE	NE	NE	NE	NE	27.9	100.3	144.8	77.5	350.5	4	Ci.	Cu.	7	Ci.-S.	Cu. E
9	NE	NE	NE	ENE	NE	NE	81.6	90.1	69.7	57.7	299.1	7	Ci.-S. ENE	Cu. NE	10	Ci.-S.	N.
10	NE	NE	NNE	NE	NE	NE	76.2	80.5	55.7	56.9	269.3	10	Ci.-S.	N. E	10	Ci.-S.	N. E
11	Calm	NE	SW	E	W	NE	28.4	18.5	71.9	26.9	145.7	5	Ci.	Cu. E	7	Ci.-S.	S.-Cu. E
12	NE	Calm	Calm	WSW	SE	E	22.8	17.7	36.7	19.5	96.7	10	Ci.-S. ESE	S.-Cu.	5	Ci.	Cu. SE
13	NE	NE	SW	N	Calm	NE	26.9	25.7	37	25.9	115.5	8	Ci.-S. ESE	Cu. SE	9	Ci.-S.	Cu.-N.
14	Calm	NE	Calm	Calm	SE	NE	28.8	22.5	30.8	22.2	104.3	9	Ci.-S.	Cu.-N.	10	Ci.-S.	N. W
15	NE	Calm	Calm	SW	Calm	NE	23.3	29	47.8	24.4	124.5	10	A.-S.	S.-Cu.	10	Ci.-S.	Cu.-N. E
16	Calm	NE	NNE	Calm	NE	NE	23.6	44.1	39.4	35.1	142.2	9	Ci.-S.	S.-Cu.	10	Ci.-S.	N. E
17	NE	E	NE	NNE	NE	NNE	41	59.5	95	70	265.5	6	Ci.	Cu.	7	Ci.-S.	Cu. E
18	Calm	NE	ENE	SE	NE	Calm	36.5	49.4	58.7	26	170.6	6	Ci.	Cu.	6	Ci.	Cu. E
19	Calm	NE	Calm	SW	SE	Calm	27.6	85.7	50.7	29.5	143.5	7	Ci.	Cu.	7	Ci.	Cu. NE
20	NE	NE	WSW	Calm	Calm	NE	25.5	32.5	45.3	30.8	134.1	7	Ci.	S.-Cu.	10	Ci.-S.	N. NE
21	Calm	NE	SW	S	Calm	NE	35.7	27.4	56	38	157.1	5	Ci.	Cu.	10	Ci.-S.	N.
22	NE	E	NE	W	NNE	NE	30.8	60.7	75.9	51.3	218.7	10	A.-S. NE	S.-Cu. E	9	Ci.-S.	Cu.-N.
23	Calm	NE	ENE	NE	NE	NNE	40.4	78.3	100.8	77.9	297.4	6	Ci.	Cu. E	8	Ci.-S.	Cu. E
24	NNE	Calm	ENE	NNE	NE	NE	55	84.5	96.6	67.6	303.7	5	Ci.	Cu.	6	Ci.	Cu.
25	Calm	NE	NE	NE	NE	NE	37.3	65.2	83.5	66.5	252.5	5	Ci.	Cu.	6	Ci.	Cu.
26	NNE	NE	ENE	ENE	NE	NE	53.3	101.6	97.6	35.1	287.6	5	Ci.	Cu.	10	Ci.-S.	N. E
27	NNE	NE	ENE	E	NE	NE	64.9	66	81.1	40.8	252.8	7	Ci.-S.	Cu. E	9	Ci.-S.	Cu.-N.
28	NE	Calm	S	ESE	SE	Calm	27.9	53.3	69.5	30.4	181.1	8	Ci.-S. E	S.-Cu.	7	Ci.	Cu. NE
29	Calm	Calm	SW	SW	Calm	NE	21.4	29.6	44.6	27.4	123	10	Ci.-S.	S.-Cu.	9	Ci.-S.	N.
30	NE	Calm	Calm	SW	SE	E	23	19.5	42.4	26.2	111.1	9	Ci.-S. NNE	Cu.-N.	8	Ci.-S.	Cu.-N. E
31	E	Calm	E	SSE	Calm	NE	33.2	34.1	36.57	27.1	130.9	6	Ci.	Cu.	10	Ci.-S.	Cu.-N. E
Mean	------	------	------	------	------	------	39.3	59.9	77.9	48.7	225.7	7.1	----------	----------	8.2	----------	----------
Total	------	------	------	------	------	------	------	------	------	------	6,997.8	----	----------	----------	----	----------	----------

AMBULONG, TANAUAN.

[ϕ=14° 07′ N; λ=121° 04′ E; barometer above sea, 10.5 meters; gravity correction not applied, —1.74 mm.]

JUNE, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.95	57.33	57.54	55.62	56.83	57.65	56.99	24.6	25.2	31.9	35.4	25.8	24.7	27.9	35.6	23.4	87	93	61	53	85	86	77.5	11
2	56.02	56.89	56.94	54.81	54.97	57.04	56.11	23.7	23.5	31.2	34.4	30.4	25.7	28.2	35	22.8	92	96	58	57	60	86	74.8	------
3	56.14	56.72	56.92	55.25	55.58	57.23	56.31	23.8	24.8	31.6	35	29.9	26.2	28.6	35.2	22	93	93	64	52	72	82	76	------
4	56.29	56.52	56.96	55.36	56.14	57.34	56.44	24.1	24.2	31.3	32.3	26.2	25.2	27.2	34.7	23	92	95	64	64	82	90	81.2	10.9
5	56.19	56.99	56.72	54.78	55.54	56.83	56.18	24.3	25.5	31	33.4	29.2	25.8	28.2	33.9	23.7	92	84	72	60	70	85	77.2	------
6	55.40	56.34	56.02	54.33	54.77	55.34	55.37	24.5	25	32	32.9	27.9	24.9	27.9	33.2	23.1	87	96	66	61	85	88	80.5	3.6
7	54.77	54.97	56.28	53.78	54.58	55.91	55.05	23.8	24	30.4	27.8	26.4	24.5	26.2	32.9	23.8	93	93	63	79	89	89	84.3	15
8	54.48	55.23	55.25	53.89	54.72	56.05	54.94	23.6	23.5	29.7	31.4	27.8	24.8	26.8	31.4	22.5	95	96	67	63	79	92	82	1.8
9	55.01	54.81	55.33	53.53	54.52	55.99	54.86	24.5	24.1	30.2	31.8	29.9	26.4	27.8	32.7	23.5	92	94	64	61	67	81	76.5	------
10	55.09	56.06	55.78	54.11	54.52	56.04	55.27	24.6	24.5	26.3	30.2	28	25.7	26.6	31	23.7	94	94	82	64	80	86	83.3	------
11	54.45	55.07	55.03	53.02	53.24	55.14	54.32	24.6	24.3	29.3	32.4	27.8	26.4	27.5	32.4	23.6	93	96	69	58	82	83	80.2	11.9
12	53.35	53.61	53.55	52	53.19	53.94	53.27	24.5	23.8	27.8	29.5	25.9	23.8	25.9	29.7	23.5	89	93	79	75	85	92	85.5	29.3
13	52.90	52.65	53.78	53	54.12	54.88	53.56	24.4	24.3	25	26	26	25.3	25.2	26.7	24	90	89	92	85	90	91	89.5	11.4
14	53.21	53.75	54.80	55.07	54.77	55.45	54.51	25.2	26.2	26.3	27.7	24.3	24	25.6	27.8	23.4	90	89	82	79	89	93	87	27.9
15	54.36	54.71	54.84	53.96	54.29	54.96	54.52	23.3	24	30.2	28.2	27	25.9	26.4	30.8	23	92	91	70	76	84	86	83.2	------
16	54.18	54.22	54.92	53.54	53.80	55.19	54.31	25	24.4	29.5	30.9	28.2	27.3	27.6	31.1	24	92	93	75	69	83	82	82.3	3
17	54.12	54.93	55.45	53.82	54.64	56.02	54.83	25.4	25.3	29.2	31.1	28.6	26.4	27.7	31.1	24.5	88	89	70	61	74	81	77.2	------
18	55.19	56.46	56.34	55.33	55.98	57.29	56.10	25.2	25	29	28.8	27	25.2	26.7	30.4	24.7	90	93	68	72	78	90	81.8	2
19	56.19	57.04	57.05	55.19	56.04	57.21	56.45	24.2	24.2	30	29	25.8	25	26.4	33	23	93	93	73	74	85	92	85	47.3
20	56.19	56.71	56.75	55.12	55.87	57.09	56.29	23.8	23.4	28.9	30.3	26.8	25.8	26.5	30.5	23.2	93	95	74	70	86	90	84.7	4.8
21	56.23	56.75	56.69	54.87	55.36	56.94	56.14	25.8	24.2	30	28.9	24.8	24.3	26.3	30.6	23	85	95	66	71	93	90	83.3	20.3
22	56.96	56.87	57.88	56.76	57.35	57.69	57.25	24	23.3	28.2	26.3	26	23.9	25.3	28.3	23.2	93	92	77	86	85	92	87.5	10.2
23	57.17	57.75	58.40	56.87	58.11	59.96	58.04	22.8	23.4	29.8	32.3	28.8	24.8	27	32.4	22.3	93	97	66	64	75	87	80.3	------
24	58.24	59.25	59.24	58.02	58.29	60.06	58.85	23.3	23.2	29.9	33.3	28.9	25.5	27.4	33.5	23	92	94	72	62	78	88	81	------
25	59.46	59.52	60.07	58.19	58.81	60.07	59.35	23.8	23.4	29.3	32	28.3	25.3	27	32.3	23	93	95	69	61	75	89	80.3	5.8
26	59.26	59.58	59.24	57.35	58.25	59.89	58.93	24.4	24.3	31.7	32.5	24.7	24	26.9	34	23.4	88	89	64	63	92	93	81.5	12.7
27	57.91	58.38	58.60	57.07	57.07	58.29	57.89	23	23.3	30	27.3	27.7	24.3	25.9	33.2	22.8	95	96	65	79	79	89	83.8	.8
28	57.51	58.34	58.92	56.87	57.52	59.69	58.14	23.9	23.8	30.5	33.5	27.7	25.2	27.4	33.8	23.5	92	92	62	60	79	90	79.2	6 4
29	58.05	58.91	59.68	58.47	57.79	59.19	58.68	24.2	23.8	30	29.7	27.9	25.3	26.8	30	23.5	90	92	65	69	78	89	80.5	2.3
30	57.94	58.62	58.45	56.39	56.66	58.99	57.84	24	24.8	30	32.4	28.8	25.7	27.6	32.7	23	91	85	66	64	72	86	77.3	5.3
Mean	55.97	56.50	56.78	55.21	55.78	57.11	56.23	24.2	24.2	29.7	30.9	27.4	25.2	27	32	23.3	91.3	92.7	69.5	67.1	80.4	87.9	81.5	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	243.7

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Mid-night.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	NE	SW	SW	NE	NE	27.6	31.2	63	24.7	146.5	3	Ci.	----------	9	Ci.-S.	Cu.-N.
2	NE	NE	SW	SW	Calm	NE	36.2	28.7	26.9	29	120.8	9	Ci.-S.	S.-Cu.	4	Ci.	Cu.
3	NE	Calm	SW	SSW	Calm	NE	28.7	30.6	42.4	23.9	125.6	6	Ci.	Cu.	6	Ci.	Cu.
4	NE	Calm	SW	SW	NE	Calm	31.7	29	44.5	26.6	131.8	8	Ci.-S. ENE	Cu. E	6	Ci.	Cu.
5	NE	Calm	SW	W	Calm	Calm	22.5	26	20.7	15.6	84.8	9	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N. E
6	Calm	Calm	NNE	NNE	Calm	NE	21.4	37.8	31.7	28	118.9	5	Ci.	Cu.	10	Ci.-S.	N.
7	E	NE	SW	W	Calm	NE	29.3	27.1	37.8	25.7	119.9	9	Ci.-S.	S.-Cu. NE	10	A.-S.	N.
8	Calm	NE	Calm	SW	Calm	NE	28.5	17.4	30.8	30.3	107	10	Ci.-S.	Cu.	9	Ci.-S.	Cu.-N. SE
9	Calm	E	Calm	SSE	Calm	NE	20.3	33	62.3	31.6	147.2	10	A.-S.	S.	8	Ci.-S.	Cu. SE
10	E	E	Calm	SW	Calm	E	24.4	24.6	43.5	15.1	107.6	10	Ci.-S.	S.-Cu. SSE	7	Ci.	Cu. SSE
11	NE	NE	SW	SW	WSW	SW	29.5	31.6	63.1	63.8	188	10	Ci.-S.	N.	10	Ci.-S.	N. WNW
12	Calm	Calm	W	WSW	SW	Calm	20.9	32.4	96.4	40.5	190.2	10	Ci.-S.	s.-Cu. WNW	10	Ci.-S.	Cu.-N. W
13	SW	SW	SSW	SW	SW	SSW	73.2	81.8	120.9	84.5	360.4	10	A.-S.	N. WSW	10	Ci.-S.	N. WSW
14	SW	WSW	W	W	SW	NE	57.7	63.9	67.4	24.1	213.1	10	A.-S.	cu.-N. SW	10	A.-S.	N. SW
15	Calm	Calm	S	WSW	SW	N	29.6	48	57.4	30.6	165.6	10	A.-S.	S.-Cu. SW	10	Ci.-S.	Cu.-N. SW
16	Calm	NE	SW	WSW	SW	SW	24.6	53.7	87.1	38.4	203.8	9	Ci.-S.	S.-Cu. SW	10	A.-S.	N. SW
17	Calm	Calm	S	W	SW	Calm	21.5	41.6	83.1	24.9	171.1	8	Ci.-S. W	S.-Cu. SW	10	A.-S.	s.-Cu. SW
18	Calm	Calm	S	Calm	Calm	Calm	23.9	46.9	26.6	24.3	121.7	9	Ci.-S.	S.-Cu.	10	A.-S.	s.-Cu. SW
19	NE	NE	SW	E	SSW	SSW	28.8	19.5	48.1	57.6	154	10	A.-S.	S.-Cu.	10	Ci.-S.	N. SE
20	SW	Calm	S	S	SW	SW	54.4	30.8	72.9	69.8	227.9	10	Ci.-S.	N. SE	7	Ci.-S.	Cu. SE
21	SW	WSW	Calm	W	E	Calm	35.4	34.8	74.6	23.6	168.4	10	Ci.-S. NNW	N. W	10	A.-S.	N. W
22	NE	Calm	Calm	SW	NNE	NE	22.7	35.1	41.8	31.4	131	9	Ci.-S.	S.-Cu. SW	10	Ci.-S.	S.-Cu. SW
23	NE	Calm	Calm	Calm	Calm	SE	26.9	20.1	26	29.8	102.8	7	Ci.	Cu. SW	9	Ci.-S.	N.-cf.
24	Calm	Calm	SSE	SW	SSW	NE	19.5	29.5	38.9	33.8	121.7	6	Ci.	Cu.	7	Ci.	s.-Cu. SSE
25	Calm	NE	SW	Calm	Calm	Calm	23.6	21.4	21.7	25.5	92.2	8	Ci.-S. W	S.-Cu. SE	5	Ci.	Cu.
26	E	Calm	ENE	SW	Calm	NE	24.1	29.5	44	23.3	120.9	9	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.-N. SE
27	NE	NE	W	SE	SW	Calm	26	21.2	32.7	28.2	108.1	6	Ci.	Cu.	10	A.-S.	N. E
28	NE	NE	S	SSW	NE	N	29.3	26.2	33.3	27.1	115.9	10	Ci.-S. NE	Cu. E	7	Ci.	Cu. E
29	N	NE	NE	ESE	Calm	NE	26.4	43.7	28	21.1	119.2	6	Ci.	Cu. E	10	Ci.-S. ENE	N.
30	ENE	NE	SE	SW	Calm	SE	57.6	34.1	53.6	19.3	164.6	7	Ci.-S.	Cu.	8	Ci.-S.	Cu. ESE
Mean	------	------	------	------	------	------	30.9	34.4	50.7	32.4	148.4	8.4	----------	----------	8.6	----------	----------
Total	------	------	------	------	------	------	-----	-----	-----	-----	4,450.7	----	----------	----------	----	----------	----------

AMBULONG, TANAUAN.

[ϕ=14° 07′ N; λ=121° 04′ E; barometer above sea, 10.5 meters; gravity correction not applied, —1.74 mm.]

JULY, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.19	57.64	57.89	56.85	57.40	57.69	57.44	23.3	22.7	30.5	25.4	27.3	25.3	25.8	33.1	22.4	92	94	62	80	75	84	81.2	26.1
2	57.82	57.97	58.38	57.23	57.20	58.11	57.78	23.6	23.3	28.8	27.9	26.2	24.1	25.6	28.9	23.2	93	92	72	73	78	91	83.2	------
3	57.04	57.35	58.24	56.74	56.76	58.19	57.39	23.2	23.4	29.8	25.8	24.2	24.4	25.1	30.7	22.6	93	93	66	90	90	95	87.8	17.3
4	57.19	56.51	57.37	56.60	57.66	59.41	57.46	24.4	24.7	25.4	27	25.8	24	25.2	28.2	23.9	93	92	88	80	85	91	88.2	16
5	58.24	58.26	58.28	57.16	57.94	59.79	58.28	23.2	22.3	29.8	31.7	25.7	24.8	26.2	31.8	22.1	93	92	66	59	86	85	80.2	.8
6	58.47	58.49	60.07	58.60	58.75	60.19	59.10	24.4	23.9	29.1	24.9	25.6	24.3	25.4	29.7	23.8	88	92	70	84	87	89	85	8.7
7	58.94	59.15	59.27	58.07	58.42	60.08	58.99	23.2	24.6	31.3	30.2	27.7	24	26.8	32.3	22.3	90	87	64	64	72	91	78	8.9
8	58.99	59.22	59.57	57.12	57.26	59.19	58.56	23.8	23.9	29	32	29.3	25.6	27.3	32.1	23	92	91	71	63	69	85	78.5	------
9	58.01	58.09	58.07	57.67?	57.17	59.19	58.03	23.8	24.7	30.4	32	29.3	25.8	27.7	32.7	23.5	92	86	63	60	69	85	75.8	------
10	58.55	58.81	58.81	57.46	58.14	59.14	58.48	24.7	24.5	31.7	29.6	27	25.4	27.2	32.5	24.2	86	87	62	67	77	88	77.8	------
11	58.26	58.49	58.98	57.37	58.29	59.62	58.50	24.5	23.5	30.4	32.3	26.2	25.7	27.1	33	23.4	87	92	63	59	84	86	78.5	6.6
12	58.17	58.34	58.97	57.24	58.02	59.62	58.39	24	24	30.3	30.7	28.3	26.3	27.3	31.6	23.1	91	93	63	61	75	82	77.5	------
13	58.01	58.40	59.17	57.93	57.99	59.68	58.53	24.5	24.3	31.8	32.3	26.3	25.3	27.4	33.2	23.5	89	89	58	59	82	89	77.7	.5
14	58.11	58.12	58.47	57.02	57.69	60.04	58.24	25	24.3	29.9	28.3	25	24.3	26.1	32.9	23.6	88	89	65	71	92	89	82.3	8.9
15	58.62	57.80	58.43	57.59	57.32	59.63	58.23	24	23.6	29.7	26.7	27.6	24.9	26.1	30.6	23.5	91	93	67	79	77	87	82.3	13.8
16	57.81	57.48	57.58	56.33	56.69	58.51	57.40	24.3	24.9	30	28	25.3	24.7	26.2	30.7	23.5	89	86	65	70	89	86	80.8	19.5
17	57.07	57.12	57.53	55.77	55.92	57.22	56.77	24.3	24.7	30	28.9	26.7	25.8	26.7	30.1	24	89	87	65	71	82	81	79.2	------
18	56.56	56.67	57.34	56.63	56.79	58.04	57	23.8	23.7	26.7	28.6	27.2	25.6	25.9	29.4	22.8	91	93	79	73	75	82	82.2	1
19	57.22	57.36	57.35	55.99	56.57	57.59	57.01	24	23.7	30.7	31.6	28	25.3	27.2	31.7	23.3	93	92	61	61	77	89	78.8	------
20	56.95	57.36	57.11	55.25	56.54	57.31	56.75	23.7	23.8	31.2	32.8	25.3	24.6	26.9	33.3	23.4	92	92	64	57	89	87	80.2	23.1
21	56.40	57.25	57.39	56.12	56.49	57.01	56.78	23	23	28.6	31	23.5	22.7	25.3	31.8	22.2	97	95	73	65	94	92	86	45.2
22	55.85	55.91	56.27	54.89	55.08	56.22	55.70	22.2	23	29	33	28	25	26.7	33.2	21.8	93	97	71	57	77	87	80.3	------
23	55.25	55.46	54.87	53.81	54.44	55.84	54.94	25	25	29.1	32.7	28.8	26.8	27.9	32.8	24.8	92	92	70	62	75	78	78.2	------
24	55.14	55.83	55.95	54.74	55.27	56.69	55.60	25.2	24	29	29.8	28.6	25.2	27	31.8	23.9	88	93	73	66	75	90	80.8	------
25	55.40	56.79	56.35	55.31	56.34	57.09	56.21	24.1	23.6	30	30.2	28	24.3	26.7	31	23	91	93	65	64	76	89	79.7	------
26	56.04	56.12	56.44	55.37	55.53	56.45	55.99	23.2	23	30.7	31	27.8	26	27	32.7	22.5	95	96	61	59	78	84	78.8	1.5
27	55.33	55.65	55.70	54.83	55.21	56.09	55.47	25.3	24.3	30.4	31.7	29.4	27	28	31.8	24	89	89	69	62	68	77	75.7	------
28	55.21	55.51	56.02	54.77	55.19	56.35	55.51	24.9	23.8	31.2	32.3	28.2	25.9	27.7	33.6	23.8	84	88	61	59	76	85	75.5	------
29	55.66	55.74	56.41	54.97	55.31	56.84	55.82	24	23.8	30	33.6	29.2	24.6	27.5	33.7	23	91	92	67	58	70	87	77.5	------
30	56.24	56.23	56.39	54.85	55.18	57.24	56.02	23.9	24.7	30.7	34	29	25.7	28	34.2	23.2	91	92	65	56	68	86	76.3	------
31	56.11	56.85	56.59	54.56	55.93	57.25	56.22	24.7	24.7	30.8	34	24	24	27	34.2	23.4	86	92	60	57	91	91	79.5	23.1
Mean	57.09	57.29	57.59	56.29	56.73	58.11	57.18	24	23.9	29.9	30.3	27	25.1	26.7	31.9	23.2	90.6	91.3	66.7	66	79.3	86.7	80.1	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	221

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	NE	SW	WNW	E	Calm	20.7	31.9	36	26.9	115.5	6	Ci.	Cu. E	10	Ci.-S.	N.
2	NE	NE	Calm	NNE	NE	NE	23	29	39.6	14.8	106.4	7	Ci.-S.	Cu.	9	Ci.-S.	S.-Cu. E
3	Calm	Calm	NNE	N	Calm	NNE	16.9	69	55.8	25.2	166.9	4	Ci.	Cu.	10	Ci.-S.	N.
4	NE	Calm	NE	ESE	W	Calm	55.7	40.7	48.5	33.6	178.5	10	A.-S.	Cu.-N. E	10	Ci.-S.	N. E
5	N	NE	Calm	SW	Calm	NE	26.8	20.6	27.9	20.9	96.2	8	Ci.-S.	S.-Cu. E	6	Ci.	Cu. E
6	NE	NE	W	Calm	Calm	NE	29.3	19.6	13.7	28	90.6	9	Ci.-S.	S.-Cu. E	10	A.-S.	N. E
7	N	NE	NNE	S	NE	NE	23	27.7	31.1	29.3	111.1	8	Ci.-S. E	cu.-N. ESE	10	Ci.-S.	N. SW
8	NE	Calm	E	SW	SE	Calm	22	19.6	25.9	24.1	91.6	7	Ci.-S.	Cu. SW	9	Ci.-S.	Cu.-N. sw
9	NE	NE	SW	SE	E	E	29.6	24.9	50.5	19	124	6	Ci.	Cu.	7	Ci.	Cu. SE
10	NE	NE	ENE	ENE	NE	Calm	30	35.9	42.6	24.9	133.4	6	Ci.	Cu.	9	Ci.-S.	N. E
11	NE	Calm	NE	NE	Calm	NE	17.1	46.9	49.6	31.7	145.3	6	Ci.	Cu. E	8	Ci.-S.	Cu.-N. E
12	NE	Calm	NE	NNE	NE	NE	20.6	54.2	60.4	47.7	182.9	5	Ci.	Cu.	9	Ci.-S.	S.-Cu. E
13	Calm	Calm	ENE	NNE	Calm	E	20.1	39.7	39.9	20.9	120.6	7	Ci. NE	Cu. E	10	Ci.-S.	N. SE
14	ENE	Calm	NE	S	Calm	Calm	40.5	58.1	50.5	15.1	164.2	7	Ci. ESE	Cu. SE	10	Ci.-S.	N. SE
15	Calm	Calm	W	N	Calm	NE	11.9	18.8	21.5	27.6	79.8	7	Ci.	Cu. ESE	10	Ci.-S.	N. E
16	E	NE	NE	Calm	Calm	NE	25.2	79.1	50.1	26.8	181.2	6	Ci.	Cu.	8	Ci.-S.	Cu.-N. E
17	NE	NE	NE	NE	NE	NNE	32.5	64.1	32.9	51.5	231	7	Ci.	Cu. E	10	Ci.-S.	S.-Cu. E
18	E	NE	E	NNE	NE	NE	31.9	26	40	31.4	129.3	10	A.-S. ENE	S.-Cu. E	10	Ci.-S.	S.-Cu.
19	Calm	NE	NE	E	NE	Calm	17.2	32.8	34.1	22.8	106.9	8	Ci.-S.	S.-Cu.	7	Ci.	Cu.
20	NE	NE	ENE	NE	Calm	Calm	33.6	44.3	56.1	23.8	157.8	6	Ci.	Cu.	6	Ci.	Cu. E
21	NE	NE	S	W	NE	NE	29.3	20.6	55.7	25.4	131	8	Ci.-S.	S.-Cu. E	10	Ci.-S.	Cu.-N. E
22	NE	NE	S	WSW	W	NE	41.5	23.6	38.1	23.5	126.7	5	Ci.	Cu.	8	Ci.-S.	Cu.-N. W
23	W	NE	S	SW	W	WSW	25.1	43.1	35.8	32.5	186.5	7	Ci.	Cu. W	6	Ci.	Cu. W
24	W	E	WSW	W	SW	NE	42.1	36.8	69.8	29.3	178	5	Ci.	Cu.	10	Ci.-S.	Cu.-N. W
25	NE	NE	Calm	W	WSW	E	26	22.8	73	27.7	149.5	5	Ci.	Cu.	7	Ci.-S.	Cu.-N. sw
26	E	E	W	W	W	W	23	40.2	89.8	42.4	195.4	6	Ci.	Cu.	9	Ci.-S.	cu.-N. wsw
27	W	NE	S	WSW	WSW	Calm	31.6	31.1	84.2	30.3	177.2	6	Ci.	Cu.	7	Ci.	Cu. W
28	NE	NE	W	SSW	SW	NW	33.8	29.3	92	41.5	196.6	6	Ci.	Cu.	7	Ci.-S.	Cu. W
29	NE	NE	SSW	SW	Calm	NE	26.2	41	67.4	26.9	161.5	6	Ci.	Cu.	7	Ci.	Cu. W
30	NE	NE	S	W	Calm	NE	30.4	25.1	33.2	27.1	115.8	4	Ci.	----------	5	Ci.	Cu.
31	NE	NE	S	SW	NE	NE	33.8	27.6	65.2	39.6	166.2	5	Ci.	Cu.	5	Ci.	----------
Mean	------	------	------	------	------	------	28.1	36.3	52	28.8	145.1	6.5	----------	----------	8.4	----------	----------
Total	------	------	------	------	------	------	-----	-----	-----	-----	4,497.6	----	----------	----------	----	----------	----------

AMBULONG, TANAUAN.

[ϕ=14° 07′ N; λ=121° 04′ E; barometer above sea, 10.5 meters; gravity correction not applied, —1.74 mm.]

AUGUST, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.72	57.54	57.75	56.43	56.87	58.05	57.23	23.2	24	30.4	29.3	26.2	25	26.4	32.3	22.6	93	93	63	69	82	92	82	19.3
2	57.34	57.59	57.98	56.17	56.89	58.24	57.37	24.4	24	29.9	32.2	29.5	25.3	27.6	32.3	23.8	91	93	65	65	69	89	78.7	
3	57.31	57.90	58.24	56.77	57.27	58.62	57.68	24.2	24.1	30.4	30.6	29	27.2	27.6	31	23.6	91	91	68	64	71	78	76.3	1.5
4	57.94	58.59	59.22	57.95	57.91	59.22	58.47	26.2	25.3	29.2	30.7	28.9	24.9	27.5	30.9	24.4	82	89	70	67	71	84	77.2	
5	58.21	57.89	57.97	56.73	56.71	58.77	57.71	25.3	24.2	29.8	31.9	28.8	26.8	27.8	32	24.2	89	90	67	62	72	85	77.5	
6	57.70	57.88	58.24	56.36	56.83	58.29	57.55	25.9	25.3	28.5	29.3	27.9	25.3	27	29.3	24.3	85	84	74	69	77	89	79.7	
7	57.61	58.19	58.04	56.81	57.27	58.79	57.78	23.2	23.8	30.8	30.6	28.2	23.8	26.7	31.2	22.7	93	92	64	62	73	90	79	
8	57.32	58.25	58.47	56.84	57.11	58.12	57.68	23	23	29.9	30.9	28.8	26.9	27.1	32.2	22.4	95	96	65	66	72	82	79.3	
9	56.88	56.57	56.78	55.39	56.07	56.62	56.38	26.5	27	30.9	30.5	27.4	27.3	28.3	32.1	25.8	80	81	60	62	81	82	74.3	6.1
10	54.89	54.34	54.96	54.24	53.53	54.40	54.39	26.3	27.2	29.9	25.4	26.7	26.3	27	30.3	24.5	88	86	72	88	86	82	83.7	10 4
11	53.83	53.94	54.25	52.69	52.87	54.63	53.70	27	27	29.4	29.5	27.9	27.4	28	29.8	26.8	84	84	68	69	78	83	77.7	3.1
12	53.35	53.49	54.37	53.39	53.42	54.47	53.75	27.5	27.3	28	30.1	28.9	28	28.3	30.7	26	81	79	79	64	71	74	74.7	.8
13	53.39	53.94	55.32	53.89	54.52	57.30	54.73	27.8	27	27.3	29.4	28	25.5	27.5	29.9	25.2	76	81	81	68	76	88	78.3	
14	56.20	56.41	57.54	56.42	56.93	58.79	57.05	25	25.9	28.5	30.8	27.8	25.8	27.3	31	24.1	87	85	74	67	71	85	78.2	
15	58.04	58.72	59.48	57.55	57.87	59.63	58.55	23.2	22.6	29.2	33.3	29.8	26.3	27.4	33.4	22.4	90	93	71	59	66	82	76.8	
16	58.40	58.24	58.87	56.80	56.74	58.29	57.89	25	24.2	30.2	33.2	28.8	27.2	28.1	33.3	24	92	93	64	60	73	83	77.5	2.8
17	57.63	57.66	57.67	56.13	56.61	57.65	57.22	25	25	29.2	32	28.2	27.2	27.8	32.1	24.6	96	97	70	60	74	80	79.5	
18	56.72	57.51	57.15	55.73	56.51	58.13	56.96	26.3	25.5	29.8	32	29.2	26.3	28.2	32.3	25.3	85	88	66	66	70	90	77.5	
19	56.75	56.84	57.57	56.42	56.64	58.06	57.05	25.8	26.5	30.3	32.5	29.8	27.5	28.7	32.5	25.5	84	85	63	58	67	78	72.5	
20	56.72	57.19	57.36	56.16	57.20	58.14	57.13	26	26.3	30.3	33.7	29.8	25	28.5	34.2	24.2	85	85	64	57	69	92	75.3	
21	57.71	57.83	58.87	57.22	58.06	59.38	58.18	23.9	24.2	31.2	33	29.8	25.3	27.9	34.2	23.3	91	90	64	61	66	89	76.8	
22	59.01	59.14	59.39	57.08	58.52	59.84	58.83	23.2	23	30.7	32.3	27.9	26	27.2	34.1	22.7	95	95	61	59	78	89	79.5	26.7
23	58.99	58.51	58.49	56.05	56.67	58.26	57.83	23.4	22.5	30.8	34	28.8	21.8	26.9	34.3	21.5	95	92	62	56	72	92	78.2	125.5
24	57.25	57.18	57.67	55.69	56.77	58.70	57.21	21.9	22.2	30.3	32.7	26.6	23.4	26.2	33.3	21.7	92	95	63	59	81	93	80.5	
25	57.27	57.51	58.03	56.30	57.44	59.77	57.72	22.2	22.3	30.3	34.2	27.8	25.3	27	34.3	22	93	94	64	55	79	89	79	
26	58.87	58.89	59.26	57.33	58.30	59.73	58.73	24	23	31.5	28.3	26.8	23.8	26.2	32.2	22.8	88	95	57	75	78	88	80.2	9.1
27	57.89	57.84	58.49	56.65	56.79	58.82	57.75	22.7	22.3	30	31.7	28.5	26.2	26.9	31.8	22.1	92	92	65	57	74	82	77	5.3
28	57.69	57.30	58.18	56.13	56.27	57.75	57.22	24	22.7	30.8	33.9	26.5	24.2	27	33.9	22.6	93	93	60	60	80	90	79.3	5.1
29	56.87	57.44	58.58	56.71	57.39	59.06	57.68	23.2	23.1	26.4	28.4	24.7	23.6	24.9	29.3	23	95	94	81	75	86	90	86.8	4.1
30	57.24	57.41	58.61	56.96	57.57	59.09	57.81	22.6	22.3	30.8	32.2	29.6	25.3	27.1	32.4	22.1	86	92	62	59	67	89	75.8	
31	58.39	58.85	59.19	57.87	58.57	59.15	58.67	23.8	23	30.8	23.2	25	23.8	24.9	34.9	22.7	92	95	62	93	85	85	85.3	24.6
Mean	57.10	57.31	57.81	56.22	56.71	58.19	57.22	24.6	24.4	29.9	31	28.1	25.6	27.3	32.2	23.6	89	90.1	66.6	64.9	74.7	85.9	78.5	
Total																								244.4

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NE	NE	SW	SE	Calm	NE	34.6	26.8	47.3	27.2	135.9	7	Ci.	Cu. W	10	Ci.-S.	N. WSW
2	NE	NE	S	WSW	SW	NE	30.4	37.5	51	30	148.9	5	Ci.	Cu.	7	Ci.-S.	Cu. W
3	NE	NE	SW	SW	SW	SW	31.7	42.1	63.1	45.3	182.2	6	Ci.	Cu.	7	Ci.-S.	Cu.
4	WSW	Calm	W	SW	W	N	23.3	54.7	74.3	22.7	175	6	Ci.	Cu.	8	Ci.-S.	Cu. W
5	SW	NE	SW	SW	WSW	SW	30.6	31.4	100.3	88.3	250.6	8	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu. W
6	SW	SW	SW	SW	SW	Calm	47.2	44	70.2	34	195.5	10	Ci.-S.	S. W	9	Ci.-S.	Cu.-N. W
7	Calm	NE	SW	WSW	WSW	Calm	32.2	30.8	89.8	22.7	175.5	6	Ci.	Cu.	7	Ci.	Cu. W
8	Calm	NE	S	WSW	WSW	WSW	25.1	37	92.2	44.9	199.2	6	Ci.	Cu.	9	Ci.-S.	S.-Cu. W
9	W	SW	SW	WSW	WSW	SW	56.5	95.2	131.8	75.9	359.4	10	Ci.-S.	S.	9	Ci.-S.	S.-Cu. W
10	WSW	WSW	SW	WSW	WSW	SW	106.7	158.3	142.1	98.7	505.8	10	Ci.-S.	S.-Cu.	10	Ci.-S.	N. W
11	WSW	SW	SW	SW	SW	SW	120.7	141.9	173.3	116.1	552	10	Ci.-S. NW	N. WSW	10	Ci.-S.	N. WSW
12	SW	SW	SW	SW	SW	SW	122.6	152.9	185.5	149.2	610.2	10	A.-S.	S.-Cu.wsw	10	A.-S.	N. WSW
13	WSW	WSW	WSW	WSW	WSW	SW	141.3	128.7	143.5	85	498.5	10	Ci.-S. W	N. SW	10	Ci.-S.	Cu.-N.
14	SW	SW	WSW	SW	SW	SW	55.2	102.8	106	50.4	314.4	6	Ci.	Cu.	8	Ci.-S.	Cu.-N. sw
15	E	E	S	S	SW	E	21.5	19	48.9	36.5	125.9	5	Ci.	Cu.	7	Ci.-S.	Cu.-N. sw
16	E	E	SW	SW	WSW	WSW	23.5	56.8	85	56.5	221.8	9	Ci.-S.	S.-Cu. SW	7	Ci.	Cu.
17	W	SW	SW	SW	WSW	WSW	48.3	84.5	147.9	73.7	354.4	7	Ci.	Cu. SW	6	Ci.	Cu.
18	SW	SW	SSW	WSW	SW	SW	82.4	63.6	60?	44.3	250.3	9	Ci.-S.	S.-Cu.	6	Ci.-S.	Cu.
19	WSW	WSW	SW	SW	SW	SW	42.8	46.4	38.1	39.4	166.7	5	Ci.	Cu.	5	Ci.	Cu.
20	W	WSW	S	WSW	SW	NE	38.1	42.1	30.1	24.4	134.7	6	Ci.	Cu.	6	Ci.	Cu.
21	NE	NE	SW	SW	SW	NE	28	25.1	31.1	31.4	115.6	4	Ci.	----------	7	Ci.	Cu.
22	NE	NE	SW	Calm	Calm	NE	37.3	18.7	----	----	-------	4	Ci.	Cu.	9	Ci.-S.	Cu.-N. sw
23	E	NE	SW	SSW	ENE	NE	----	----	41.3	47.8	-------	6	Ci.	Cu.	6	Ci.	Cu. SW
24	NE	NE	SW	Calm	NE	E	33.2	26	35.9	43.8	138.9	5	Ci.	Cu.	7	Ci.-S.	Cu.-N.
25	E	NE	Calm	SW	NE	E	30	24.7	37.5	28.4	120.6	8	Ci.-S. NW	Cu. SW	8	Ci.-S.	Cu.-N.
26	NE	E	NNE	NE	Calm	NE	29.2	44.8	41.2	30.4	145.6	5	Ci.	Cu.	9	Ci.-S.	Cu.-N. sw
27	NE	E	ENE	NE	NE	NE	36.5	60.9	75.1	40.7	213.2	5	Ci.	Cu. E	6	Ci.	Cu. E
28	Calm	E	NE	NNE	Calm	NE	21.5	29	44.3	30.1	124.9	7	Ci. NE	Cu. E	10	Ci.-S.	Cu.-N. E
29	NE	Calm	NE	NNE	Calm	NE	31.9	33.5	38.9	21.9	126.2	10	Ci.-S. E	N. ESE	10	A.-S.	N. ESE
30	Calm	NE	SW	S	SSW	NE	31.4	19.8	74.5	36.7	162.4	6	Ci.	Cu. E	7	Ci.	Cu.-N.
31	NE	NE	SW	E	NE	E	38.8	28.2	34.9	18	119.9	2	Ci.	----------	10	Ci.-S.	N. E
Mean							47.8	56.9	77.8	49.8	235.3	6.9	----------	----------	8	----------	----------

AMBULONG, TANAUAN.

[ϕ=14° 07′ N; λ=121° 04′ E; barometer above sea, 10.5 meters; gravity correction not applied, —1.74 mm.]

SEPTEMBER, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.29	59.05	59.94	57.67	58.44	59.27	58.78	22.9	22.8	28.3	31	25.3	24.3	25.8	31.5	22.5	90	92	75	61	81	89	81.3	3
2	58.24	57.76	57.49	55.78	56.14	56.94	57.06	23.2	22.9	29.3	31.8	28	25	26.7	32	22.9	84	83	69	61	79	87	77.2	------
3	55.27	55.36	55.59	53.80	54.29	55.24	54.92	23.5	23.9	28.8	30.3	27.1	26.5	26.7	30.7	23.3	90	91	72	64	76	82	79.2	10.5
4	54.26	54.25	54.44	53.60	54.06	56.29	54.48	24.4	25	26.2	27.8	26.8	25.8	26	28.4	24.2	88	93	82	79	80	85	84.5	8.9
5	55.58	55.69	56.86	55.33	55.95	57.01	56.07	24	24.5	27.2	30.3	27.8	23.8	26.3	30.4	23	91	89	83	64	79	90	82.7	1.8
6	56.41	57.02	58.02	55.84	57.28	58.36	57.16	23	23	30.3	31	26.6	24.5	26.4	34.3	22.8	96	95	63	69	87	87	82.8	------
7	56.81	57.49	58.34	55.98	57.10	58.79	57.42	23.5	23	30.7	28.7	27.7	24	26.3	32	23	91	93	65	73	74	91	81.2	5.8
8	57.34	57.96	58.59	56.90	57.37	58.59	57.79	22.8	22.3	30.6	25.8	26.7	24.2	25.4	32.4	22.2	88	94	62	85	79	90	83	3.6
9	57.24	57.51	57.98	55.50	57.05	58.61	57.32	22.9	22.4	30.7	34.8	26.8	24.3	27	34.9	22.4	90	93	61	52	83	89	78	------
10	57.09	57.05	57.79	56.22	56.53	58.74	57.24	23	23.3	29.4	25	26.3	24.2	25.2	31.2	22.8	95	92	68	92	90	90	87.8	32.5
11	57.65	57.52	58.45	56.21	57.14	59.65	57.77	24	23.3	28	29.9	26.5	25	26.1	29.9	23.3	93	92	77	67	80	85	82.3	1
12	53.99	59.15	60.14	58.02	57.74	59.21	58.88	23	22.6	28.2	30.8	27	24.7	26	31.2	22.4	95	93	76	67	78	86	82.5	------
13	58.26	58.20	57.97	56.45	56.84	57.90	57.60	23.8	23.8	29.4	28.9	27.2	25.3	26.3	31	23.1	85	92	68	78	83	89	82.5	8.4
14	56.29	56.71	56.85	54.43	54.97	55.95	55.87	23.6	23.3	25	28.4	24	23.8	24.6	28.5	23	93	92	92	75	91	92	89.2	62.3
15	55.28	55.76	56.74	55.50	56.19	57.76	56.20	23.1	22.7	25.9	26.8	24.5	23.8	24.5	27	22.7	94	92	90	86	89	91	90.3	9.1
16	56.91	57.30	57.81	56.29	57.14	58.71	57.36	23.2	23	27.4	26.7	23.8	23.7	24.6	27.5	22.8	90	94	81	81	92	92	88.3	21.6
17	57.51	57.48	57.04	55.96	56.42	57.70	57.02	23	21.7	26.4	30.6	25.2	23.4	25	30.6	21.6	96	92	85	70	92	93	88	18.8
18	56.81	55.62	55.99	54.98	55.52	57.01	56.16	22.7	22.1	28.9	29.9	28.6	24	26	31	21.8	92	95	71	68	73	91	81.7	------
19	53.79	55.78	56.79	55.12	55.92	57.87	56.38	23	23.3	30	31.3	27	24.7	26.6	32	22.5	96	92	66	64	84	87	81.5	------
20	53.91	56.67	57.15	55.62	56.31	57.29	56.66	23.7	23.7	31.3	29.2	28.8	25.4	27	32.7	23.2	92	92	64	70	72	88	79.7	1
21	56.41	56.25	56.39	53.93	55.44	56.03	55.74	24.2	23.1	31	33	29.8	26	27.8	33	23	93	94	65	61	71	89	78.8	------
22	54.94	55.06	55.22	52.24	54.04	54.95	54.41	24.5	24.4	31.8	32	23.6	23.8	26.7	32.5	23.2	87	88	64	66	93	92	81.7	19.1
23	53.48	53.51	54.45	51.68	52.49	53.56	53.20	23.9	24	28	27.2	26.1	24.2	25.6	29.8	23.3	89	93	77	81	83	90	85.5	26.4
24	51.75	51.71	52.34	50.81	51.34	52.71	51.78	24.5	25.3	28.4	28.3	25.3	25.4	26.2	29.2	24	87	89	82	75	89	90	85.3	15.5
25	51.49	52.41	53.19	51.59	53.01	54.21	52.65	25.5	25	26.3	26.6	24.5	24.3	25.4	27.2	24.1	90	93	91	87	87	91	89.8	28.4
26	53.36	54.39	56.66	53.93	54.72	57.11	55.03	23.9	24	25.4	24.8	24.3	23.9	24.4	25.4	23.5	91	97	88	87	91	91	90.8	10.2
27	55.83	56.81	57.64	55.59	55.65	57.11	56.44	23.4	24.5	27.2	30	25.3	25	25.9	30.2	23	93	89	80	68	91	93	85.7	5.8
28	55.77	56.09	56.59	55.98	55.94	57.16	56.26	25.8	25.3	29	25.2	24.3	23.4	25.5	30.9	23.2	88	89	71	90	89	95	87	12.2
29	55.99	56.15	56.54	55.16	55.52	57.21	56.10	23.1	23.2	25.3	26.1	25.4	24.4	24.6	26.5	23	94	93	90	85	88	90	90	1.5
30	55.96	56.11	57.05	55.84	57.27	59.09	56.89	23.1	22.3	30	29.4	24.3	23	25.4	32.1	21.9	94	92	65	71	89	95	84.3	37.8
Mean	56.10	56.26	56.90	55.06	55.79	57.20	56.22	23.6	23.4	28.5	29.1	26.2	24.4	25.9	30.5	22.9	91.2	91.9	74.8	73.2	83.8	89.7	84.1	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	345.2

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Mid-night.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NE	Calm	NE	NNE	NNE	NE	26.2	37.8	46.9	20.6	131.5	8	Ci.-S.	NNE	5	Ci.	
2	E	E	ENE	NE	SW	NE	23.6	42.4	41.5	31.7	139.2	10	A.-S.	NE	8	Ci.-S.	Cu.-N. E
3	NE	E	SW	SW	SW	WSW	31.2	53.7	103.3	78.6	266.8	10	Ci.-S.		10	Ci.-S.	Cu.-N. W
4	SW	SW	SW	SW	SW	NW	61.8	84.2	80.5	37.6	264.1	10	Ci.-S.	NNW	10	Ci.-S.	S.-Cu. W
5	NE	SW	SSW	SW	Calm	Calm	29.5	64.1	37.3	26.2	157.1	10	Ci.-S.		10	Ci.-S.	S.-Cu. SW
6	NE	NE	W	S	W	NE	26.8	80.4	49.1	25.9	132.2	10	Ci.-S.		10	Ci.-S.	N.-cf. SW
7	NE	E	NNE	E	NE	Calm	35.7	26.4	23.8	24.3	110.2	4	Ci.		10	Ci.-S.	N.
8	NE	E	SW	E	Calm	NE	39.9	24.6	29.2	29.2	122.9	4	Ci.		10	Ci.-S.	N. E
9	NE	NE	ENE	SW	N	E	33.6	28.8	31.9	26	120.3	5	Ci.		10	Ci.-S.	N. E
10	E	NE	NNE	E	Calm	NE	22.7	58.2	26.8	23.6	131.3	5	Ci.		10	Ci.-S.	N. E
11	E	Calm	SE	SSE	SW	E	22	31.6	61.2	26	140.8	7	Ci.		7	Ci.-S.	Cu. SE
12	E	N	SW	Calm	E	E	38.6	22.2	31.7	28.8	121.3	10	A.-S.		9	Ci.-S.	Cu.-N. SE
13	NE	NE	ENE	NE	NE	NE	27.9	39.4	33.2	28.7	129.2	7	Ci.		7	Ci.	Cu.
14	NE	NE	NNE	NNE	N	ENE	26.9	43.3	38.6	48	156.8	10	A.-S.		10	A.-S.	N.
15	NW	Calm	SSE	ESE	Calm	Calm	25.9	35.1	27.4	17.9	106.3	10	A.-S.		10	A.-S.	N. ESE
16	NE	Calm	E	Calm	NE	NE	21.2	25.2	25.4	34.6	106.4	10	Ci.-S.		10	Ci.-S.	S.-Cu.
17	E	E	W	NW	NE	NE	26	19.3	33.2	27.7	106.2	8	Ci.-S.	E	10	A.-S.	Cu.-N.
18	NE	NE	S	ENE	W	NE	32.2	27.4	39.9	31.4	130.9	6	Ci.		9	A.-Cu.	Cu.-N. SE
19	NE	NE	S	SW	Calm	NE	37.2	36	56.5	32	161.7	6	Ci.		9	Ci.-S.	S.-Cu. SW
20	NE	NE	S	E	SW	NE	35.9	26	45.4	36.2	143.5	6	Ci.		10	Ci.-S.	N. SW
21	NE	NE	S	WSW	WNW	E	37.5	28.8	54.4	34.1	154.8	4	Ci.		6	Ci.	Cu. SW
22	NE	NE	WSW	WSW	NE	N	37	36	48.9	21.7	143.6	4	Ci.		10	A.-S.	N.
23	N	Calm	SSW	SW	SW	SW	21.7	45.4	66.8	47.2	181.1	10	A.-S.		10	A.-S.	N. WSW
24	SSW	SW	SW	SW	SW	SW	77.7	80.7	93.8	68.7	320.9	10	A.-S.		10	A.-S.	N.
25	SSW	SW	SW	SW	SW	E	152.4	71.8	87.4	31.1	342.7	10	A.-S.	W	10	A.-S.	N. SW
26	SE	Calm	SW	SW	N	WSW	37	35.9	32.8	35.7	141.4	10	A.-S.	W	10	A.-S.	N. SW
27	E	SW	S	SSW	SW	E	37.6	32.8	51	27.6	149	10	Ci.-S.	W	9	Ci.-S.	Cu.-N.SW
28	WSW	Calm	S	WNW	Calm	E	26.2	21.9	29.5	22.5	100.1	10	Ci.-S.		10	A.-S.	N. SW
29	Calm	Calm	SSW	SW	SW	NE	22.8	54.4	52	31.7	160.9	10	A.-S.		10	Ci.-S	Fr.-N.SW
30	Calm	NE	WSW	E	NE	E	23.3	22	33.6	28.8	107.7	4	Ci.		9	A.-S.	Fr.-N.SW
Mean	------	------	------	------	------	------	36.6	39.5	47.1	32.8	156	7.9	----------		9.3	----------	----------
Total	------	------	------	------	------	------	-----	-----	-----	-----	4,680.9	----	----------		----	----------	----------

AMBULONG, TANAUAN.

[ϕ=14° 07′ N; λ=121° 04′ E; barometer above sea, 10.5 meters; gravity correction not applied, —1.74 mm.]

OCTOBER, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.36	58.50	58.80	57	58.36	59.94	58.49	22.6	22.5	30.3	34	28.8	25	27.2	34.2	22	93	92	64	59	76	92	79.3	1.5
2	58.28	58.43	58.79	56.03	57.72	58.21	57.91	24.2	24	30.8	31.7	22.3	22.5	25.9	32.7	22	91	93	68	68	92	92	84	38.4
3	57.16	58.10	59.46	56.22	57.96	58.17	57.84	22	21.8	26.6	29.8	25.4	24.2	25	29.9	21.5	95	92	81	70	90	90	86.3	8.6
4	57.46	58.26	59	56.88	57.75	58.66	58	23.7	23	27	28	26.5	24.1	25.4	28.2	22.5	92	96	84	80	82	91	87.5	
5	57.19	58.20	58.71	56.79	57.81	58.67	57.90	23.2	22.8	27.3	30.5	23.7	22.9	25.1	30.5	22.8	93	92	76	68	85	91	84.2	6.6
6	57.13	57.66	57.91	56	57.04	57.89	57.27	23	22.7	29.2	25.3	23.7	23.2	24.5	31.7	22.5	95	92	80	89	91	93	90	4.8
7	56.16	57.20	58.16	55.79	57.10	58.05	57.08	22.3	22.3	29	28.4	24.9	23.8	25.1	32.2	21.7	92	92	71	73	84	90	83.7	15.3
8	57.15	57.81	58.24	56.68	57.27	58.34	58.58	22.4	22.5	25	26.4	25.3	23.1	24.1	26.7	22	93	92	87	86	89	94	90.2	4.8
9	57.16	58.23	58.66	56.89	57.50	59.30	57.96	22.4	22.3	25.3	27.5	26.3	24.8	24.8	27.6	22.3	93	92	89	81	83	87	87.5	3.3
10	57.20	58.86	59.35	57.38	58.67	59.57	58.50	23.7	23.9	30	30.7	28.8	25.8	27.2	31.2	23.6	91	91	71	70	72	85	80	
11	57.86	58.41	58.70	56.41	57.14	58.43	57.82	24.1	23.6	31.2	33	27.6	24.6	27.4	33.2	22	91	93	66	61	79	87	79.5	
12	57.24	57.92	57.68	55.88	56.47	58.24	57.24	24.2	25.1	30.4	32.2	28.7	26.4	27.8	32.9	23.5	93	92	63	59	75	83	77.5	
13	57.06	57.76	58.41	56.54	57.29	58.10	57.53	25.3	25	31.3	31.1	26.4	25.3	27.4	32.8	24.8	89	92	62	64	86	91	80.7	5.4
14	57.06	57.69	58.19	56.08	57.08	57.71	57.30	25.3	25	28.4	30.6	26.9	25	26.9	30.7	24.6	90	93	75	62	85	92	82.8	
15	56.62	56.54	57.40	55.47	56.47	57.28	56.63	24.6	24.7	30	30.3	27.3	25	27	30.7	24.2	90	92	66	64	78	92	80.3	2.3
16	56.01	56.45	56.80	54.68	56.16	56.74	56.14	24.2	23.4	29	30	25	24.4	26	31.3	23.2	91	93	71	65	92	90	83.7	45.9
17	55.34	56.74	56.80	55.46	56.19	57.59	56.35	23.6	23.5	29.3	26.3	25.7	24.8	25.5	31.6	23	93	92	70	83	86	87	85.2	10.7
18	56.25	57.52	58.04	55.72	57.11	57.16	56.97	24.1	23.5	29.3	31.5	26	25	26.6	31.7	23.4	94	92	69	63	85	92	82.5	5.3
19	56.07	57.14	56.84	55.02	56.42	57.04	56.42	24.1	24	31.2	33	29	26.1	27.9	33	24	91	93	58	57	71	83	75.5	
20	56.21	56.95	57.77	55.62	57.17	58.49	57.04	25.3	24.2	31.5	33.1	29.2	26.2	28.2	33.2	24.2	89	90	60	60	72	90	76.8	
21	57.34	58.16	58.41	57.24	57.66	59.26	58.01	25.5	25.4	31.2	25.5	25.6	24.4	26.3	32	23.9	90	88	64	88	88	88	84.3	43.4
22	57.80	58.02	58.30	56.29	56.71	57.93	57.51	24	24.2	29	27.7	26	25.6	26.1	29.3	23.7	93	93	71	76	85	87	84.2	2.5
23	57.05	57.94	58.08	56	57.50	57.93	57.42	25	23.5	30	28.9	26.7	25	26.5	31.8	23.4	93	94	71	74	86	92	85	6.8
24	56.96	58.29	58.98	56.89	57.63	59.13	57.98	24.6	25.5	30.9	26.9	26.2	26	26.7	31.3	24	87	91	66	85	90	90	84.8	4.8
25	57.32	58.47	59.34	57.59	58.17	60.07	58.49	25.7	25.4	31.4	29	26.7	25.1	27.2	33	24.7	93	93	63	74	80	91	82.3	
26	58.93	60.05	60.17	58.48	59.43	60.19	59.54	24.8	25.4	30.4	30.6	26.3	25.2	27.1	31	24.2	90	88	63	63	83	90	79.5	
27	59.07	59.19	59.62	57.58	57.65	58.99	58.68	24.3	24.7	29.9	27.3	25.2	24.7	26	31	23.9	89	92	68	75	90	86	83.3	8.8
28	57.24	57.85	58.78	56.31	57.49	59.14	57.80	24.6	24.9	29.9	31.2	27.2	25.7	27.2	31.3	23.9	87	91	66	64	75	86	78.2	1.5
29	58.21	58.64	59.59	57.43	58.48	60.07	58.74	24.9	24.3	30.2	30.3	26.8	25	26.9	31.2	24.2	87	92	64	64	78	92	79.5	
30	59.09	58.92	59.15	57.57	58.28	59.14	58.69	24.2	24.3	29.3	28	27	25	26.3	29.3	23.9	90	91	69	77	78	92	82.8	14
31	58.16	57.66	58.04	56.09	56.39	57.09	57.24	24.2	23.8	26.3	25.4	25	24.3	24.8	26.4	23.5	95	92	82	88	92	91	90	6.9
Mean	57.29	57.99	58.46	56.45	57.42	58.47	57.68	24.1	23.9	29.4	29.5	26.3	24.8	26.3	31.1	23.3	91.4	92	70.3	71.3	83.2	89.6	82.9	
Total																								236.6

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NE	NE	SW	SW	SW	NE	27.2	22.2	29.8	30.8	110	5	Ci.-Cu.	Cu.	8	Ci.-S.	Cu.-N.
2	NE	NE	SSW	S	N	NE	34.3	28.8	38.6	29	130.7	7	Ci.-Cu.	Cu. SE	8	Ci.-S.	Cu.-N. SE
3	NE	NE	NE	NE	E	Calm	34.3	27.7	30.6	20.7	113.3	10	A.-S.	S.-Cu.	9	Ci.-S.	Cu.-N. E
4	SSW	NE	NE	ENE	SW	NE	38	20.4	22	28.5	108.9	9	A.-S. ENE	S.-Cu.	9	Ci.-S.	Cu.-N. NE
5	NE	NE	W	Calm	E	NE	28	19.3	28.2	33	108.5	10	A.-S.	S.-Cu.	5	Ci.	Cu. NE
6	NE	Calm	SW	E	NE	E	27.9	18.5	30.3	18	94.7	8	A.-Cu. E	Cu. SE	10	A.-S.	N.
7	NE	NE	E	NE	NW	W	22.8	24.6	27.9	29.2	104.5	7	Ci.-S.	Cu. SSE	10	Ci.-S.	S.-Cu.
8	NE	NE	Calm	NE	Calm	NE	23	23	29.5	18.7	94.2	10	A.-S.	S.	9	A.-S.	S.-Cu. SW
9	NE	NE	Calm	Calm	Calm	SW	25.9	15.8	12.9	26.4	81	10	A.-S.	N. SW	10	A.-S.	S.-Cu.
10	NE	NE	S	S	NE	NE	27.2	26.8	50.4	26.8	131.2	4	Ci.	Cu.	8	Ci.-S.	S.-Cu. SW
11	Calm	Calm	NNE	NE	NE	Calm	27.6	35.9	39.2	19.6	122.3	2	Ci.		5	Ci.	Cu.
12	E	NE	NE	SW	NE	NE	18.5	44.6	35.4	33	131.5	5	Ci.	Cu. SE	7	Ci.-S.	Cu.-N. SE
13	NE	NE	NE	NE	NE	E	26.4	65.2	64.2	29.6	185.4	5	Ci.	Cu.	5	Ci.	Cu. E
14	NNE	NNE	NE	NE	N	NE	38.9	65.4	61.8	34.3	200.4	7	Ci.	Cu.	7	Ci.	Cu. ESE
15	NE	ENE	ENE	NE	NE	NE	36.5	48.3	44.8	18.8	148.4	8	Ci.-S.	Cu.	9	Ci.-S.	Cu.-N. E
16	N	NE	S	SW	Calm	Calm	30.8	27.6	25.1	13.4	96.9	6	Ci.	Cu.	10	A.-S.	N. E
17	E	NE	SW	NNW	SW	NE	25.2	24.1	28	23.8	101.1	10	A.-S. E	Fr.-S. SE	10	A.-S.	N.
18	NE	Calm	S	SW	NE	E	22.3	22.7	31.4	22.3	98.7	6	Ci.	Cu.	10	A.-S.	N. W
19	E	NE	E	SSE	NE	NE	28.4	55.8	51.7	21.7	157.6	8	Ci.-S.	Cu.	6	Ci.	Cu.
20	SE	NE	ESE	ESE	NE	E	22.3	64.9	55	33	175.2	5	Ci.	Cu.	8	A.-S.	Cu.-N. SE
21	NE	NE	ENE	NE	NE	NNE	29.5	42.4	33.2	33.5	138.6	4	Ci.-Cu. NE	Cu. E	10	A.-S.	N. E
22	NE	NE	NNE	NNE	ENE	NE	36.2	63.1	78.6	39.7	217.6	10	Ci.-S. ENE	S.-Cu. E	9	Ci.-S.	S.-Cu.
23	Calm	E	NNE	Calm	NE	NE	23.8	54.4	31.4	29.8	139.4	5	Ci.	Cu. E	10	A.-S.	N. E
24	NE	NE	ENE	NE	NE	N	30.9	58.7	38.1	26.4	154.1	9	Ci.-S. ESE	Cu.-N. SE	10	A.-S.	N. SE
25	NNE	NE	ENE	ENE	NE	NE	26.8	39.1	37.3	25.1	128.3	4	Ci.	Cu.	10	A.-S.	Fr.-N. SE
26	NE	NE	ENE	NE	NE	NE	25.5	61.7	56.3	28.7	172.2	7	Ci.	Cu.	9	Ci.-S.	Cu.-N. SE
27	Calm	NE	ENE	NE	NNE	NE	24.3	48.5	50.1	24.3	147.2	4	Ci.	Cu.	9	Ci.-S.	N.-cf. E
28	NE	N	NE	ENE	NE	NE	30.4	40	55.2	47.8	173.4	5	Ci.	Cu.	6	Ci.	Cu. E
29	NE	NE	NE	ENE	NE	NE	30.6	53.3	63.8	19.8	167.5	6	Ci.	Cu. E	9	Ci.-S.	Cu.-N. E
30	NE	NE	NE	NE	NE	N	30.4	45.6	34.6	21.7	132.3	6	Ci.	Cu. E	8	Ci.-S.	S.-Cu. E
31	Calm	NE	NE	NE	NE	NE	28.8	34.8	41.8	30	135.4	10	A.-S.	N.	10	A.-S.	Fr.-N. ENE
Mean							28.5	39.5	40.6	27	135.5	6.8			8.5		
Total											4,200.5						

AMBULONG, TANAUAN.

[ϕ=14° 07′ N; λ=121° 04′ E; barometer above sea, 10.5 meters; gravity correction not applied, —1.74 mm.]

NOVEMBER, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	55.85	56.16	56.36	54.58	55.84	56.91	55.95	24.2	24.2	26.8	30.7	27.3	25.7	26.5	30.7	23.9	93	93	83	61	82	86	83	------
2	56.14	56.31	57.38	54.98	56.25	58.02	56.51	24.9	24.8	29.2	29.6	27.6	25.8	27	30	24	87	85	70	70	75	87	79	------
3	57.10	57.91	58.35	56.14	57.67	59.15	57.72	24.3	23.8	29.8	31.2	28.1	25.7	27.2	31.2	23	94	93	66	64	77	86	80	2.8
4	57.71	57.97	58.04	55.74	57.04	57.90	57.40	24.3	25.1	30.3	31.6	27.8	24	27.2	31.7	23.3	91	91	63	62	79	91	79.5	------
5	57.09	57.41	58.09	55.46	55.64	57.81	56.92	22.5	22.7	30.3	32.2	27.7	23.8	26.5	32.2	22.5	94	92	63	61	79	88	79.5	------
6	56.48	56.77	57.49	55.03	55.83	57.22	56.47	22.3	21.7	31	33.3	27.3	25.5	26.8	33.4	21.6	92	92	59	56	78	88	77.5	2.3
7	56.14	56.73	57.32	54.94	56.09	57.09	56.38	24.3	23	31.8	31.1	26.9	24.3	26.9	32.7	22.8	89	96	61	62	80	91	79.8	------
8	56.09	56.51	57.62	55.83	56.27	58.19	56.75	23.1	22.2	31.5	33.4	28.7	24.4	27.2	33.6	21.5	94	94	57	60	78	88	77.7	------
9	57.81	58.22	58.59	56.29	57.29	58.61	57.80	22.7	22	31.7	32.5	27.8	25.8	27.1	33	22	92	96	62	59	79	85	78.8	1.5
10	57.97	59.15	59.48	57.35	57.56	59.15	58.44	25	24	25.8	28	26	22.9	25.3	28.1	22.8	93	93	85	77	85	85	86.3	4.3
11	57.86	58.20	59.35	57.08	57.90	59.89	58.38	23.3	23.3	29.2	29.4	26	24.7	26	29.9	23.2	92	92	70	69	85	87	82.5	------
12	58.32	58.79	59.99	57.95	58.60	60.15	58.97	24.7	24.3	27.4	28.1	26	24.5	25.8	28.6	24.2	90	92	74	77	85	87	84.2	2.3
13	59.14	59.70	60.05	58.54	59.31	59.88	59.44	23.7	23.8	30.3	28.7	25.8	24.8	26.2	30.5	23.6	92	92	63	73	87	90	82.8	------
14	58.39	59.15	59.29	57.24	57.99	58.71	58.46	24.7	24	29	30	26.3	24.2	26.4	30.1	23.5	87	93	71	66	85	90	82	------
15	57.14	57.16	57.34	55.80	56.29	56.34	56.68	23	22.8	29.3	30.9	27	24	26.2	31.7	22.7	95	92	70	66	78	93	82.3	------
16	55.46	56.83	56.73	53.65	54.49	55.94	55.52	22.3	22	27.7	30.7	29.8	25.4	26.3	31.9	21.9	92	95	72	61	66	88	79	------
17	55.24	56.04	56.55	54.14	55.61	57.34	55.82	25.2	24.3	29.7	33.2	30.3	27	28.3	33.5	24.2	90	92	69	60	64	78	75.5	------
18	56.96	57.65	58.65	55.61	57.14	58.85	57.48	25.6	24.5	29.8	33.2	26.4	25	27.4	33.3	24.4	87	89	69	60	89	92	81	23.9
19	57.44	57.98	58.84	56.49	57.37	58.36	57.75	24	23.3	26.6	31.3	27.7	26	26.5	32	23.2	93	92	80	64	79	85	82.2	4.8
20	57.06	57.24	58.22	56.06	57.15	58.14	57.31	26	25	29.3	25.3	26	24.3	26	29.9	23.2	85	92	69	89	85	89	84.8	26.7
21	57.09	57.71	58.74	57.06	58.32	58.75	57.94	23.1	23.2	28.3	30.4	25	24	25.7	31	22.9	94	95	75	66	92	91	85.5	15.3
22	57.81	58.36	59.04	57.04	58.35	58.26	58.14	23	23.2	27.1	28.2	25.7	23	25	29.4	22.8	95	93	76	76	86	93	86.5	15
23	57.18	57.83	58.35	56.53	57.44	58.40	57.62	23	22.8	25.2	30	27.4	27	25.9	30	22.8	95	92	90	65	80	84	84.3	------
24	57.37	58.04	58.88	56.63	56.89	58.04	57.64	25	25.6	30	30.8	28	25.8	27.5	31.4	25	92	88	65	62	78	85	78.3	.8
25	56.99	57.21	57.60	55.33	56.21	57.02	56.74	24.9	24.4	29	31.1	25.3	24.3	26.5	31.2	23.6	84	88	71	65	89	89	81	------
26	55.91	56.13	56.31	53.95	55.16	56.17	55.60	22.8	22.3	26	31.2	25.4	22.5	25	31.7	22.1	89	92	84	64	88	87	84	------
27	55.41	55.95	56.33	53.97	55.24	56.06	55.49	22.4	22	30	32	27.5	24	25.3	32.8	22	93	96	65	60	73	91	79.7	------
28	55.21	55.76	56.72	54.37	55.56	56.24	55.64	22.6	22.3	29.1	31.2	26.7	25	26.2	31.2	22.2	93	92	70	61	82	92	81.7	3.6
29	55.23	56.40	57.19	55.08	56.46	57.81	56.36	24	22.5	27.8	31.1	26.5	24.6	26.1	31.2	22.4	93	92	71	65	82	87	81.7	------
30	56.71	56.96	57.76	56.44	56.97	58.13	57.16	24.3	23.3	26.7	28.9	24.9	23	25.2	29.9	22.7	89	92	80	71	84	95	85.2	------
Mean	56.88	57.41	58.02	55.84	56.80	57.95	57.15	23.8	23.4	28.9	30.6	27	24.7	26.4	31.3	23	91.3	92.2	70.8	65.7	80.8	88.3	81.5	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	103.3

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Mid-night.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	0–10			0–10		
1	NE	NE	NE	NE	NE	N	34.8	59.8	52.3	24.3	171.2	9	Ci.-S.	S.-Cu.	7	Ci.	Cu. NE
2	NE	NE	NE	NNE	NE	E	28.2	70	48.9	29.3	176.4	5	Ci.	Cu.	5	Ci.-Cu.	Cu.
3	NE	NE	NE	ENE	NE	NE	28.2	41.6	51.2	25.1	146.1	7	Ci.	Cu.	8	Ci.-S.	Cu. NE
4	NE	NE	NNE	ENE	NE	NE	24.7	64.7	57.3	20.3	167	9	A.-S. ENE	S.-Cu. E	6	Ci.	Cu.
5	NE	E	ENE	NNE	NE	NE	23.9	43.3	35.6	20.4	123.2	4	Ci.	Cu.	6	Ci.	Cu. E
6	E	E	S	SW	SE	NE	31.2	28.4	28.4	28	116	4	Ci.	Cu.	6	Ci.	Cu. NE
7	E	NE	SW	SSW	NW	NE	30.4	28.2	43.7	33.2	135.5	5	Ci.	Cu.	8	Ci.-Cu.	Cu.-N. SE
8	NE	NE	SW	SW	SW	NE	29.2	26.9	38.1	33.5	127.7	4	Ci.	Cu.	7	Ci.-S.	Cu.
9	NE	NE	NE	NE	NE	NE	33.5	21.7	32.4	17.4	105	6	Ci.	Cu.	7	Ci.-S.	Cu.-N. E
10	NE	NE	ENE	E	Calm	E	28.5	36.4	44.9	18.3	128.1	10	A.-S. E	N. NE	10	A.-S.	Fr.-N. E
11	N	NE	NE	NE	ENE	NE	28.7	68.2	78.3	24.6	199.8	6	Ci.	Cu.	7	Ci.-S.	Cu.
12	NE	NE	ENE	NE	E	NNE	34.1	91.2	87.2	31.9	244.4	6	Ci.	Cu.	8	Ci.-S.	Cu.-N. E
13	NE	NE	ENE	ENE	ENE	ENE	27.4	77.2	93.3	56.3	254.2	9	Ci.-S.	Fr.-N. ENE	8	Ci.-S.	Cu.-N.
14	ENE	NE	ENE	NE	NE	NE	55	68.9	67.9	25.7	217.5	7	Ci.	Cu.	6	Ci.	Cu. E
15	NE	Calm	ENE	NE	N	N	21.7	25.2	29.5	20.3	96.7	6	Ci.	Cu.	9	Ci.-S.	S.-Cu. E
16	Calm	N	S	SE	SSW	NE	25.5	26.8	45.6	29.3	127.2	7	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.
17	NE	NE	S	S	SW	E	19.6	25.5	22.8	18.3	86.2	7	Ci.-Cu.	Cu.	9	Ci.-S.	Cu.-N. E
18	E	E	SW	SW	NE	NE	24.7	23.3	9.5?	26.2	83.7	5	Ci.	Cu.	9	Ci.-S.	S.-Cu.
19	NE	NE	NE	S	NE	NE	32.7	31.6	25.7	27.7	117.7	6	Ci.	Cu.	10	A.-S.	N. ENE
20	NE	E	NE	NE	Calm	NE	23.5	24.4?	-----	-----	-------	8	Ci.-S.	S.-Cu.	10	A.-S.	S.-Cu.
21	NE	Calm	NE	Calm	NW	E	-----	-----	-----	-----	-------	10	A.-S. E	S.-Cu. ESE	10	A.-S.	N. ESE
22	NE	NE	NE	ENE	NE	NE	-----	48	53.7	38.8	-------	10	A.-S. NNE	S.-Cu. E	9	Ci.-S.	S.-Cu. E
23	E	NE	ENE	NE	NE	NE	18.3	39.7	51.5	24.7	134.2	8	Ci.-S.	Cu.-N. E	8	Ci.-Cu.	Cu.
24	NE	Calm	NNE	S	NE	NE	22.2	45.1	66.2	48.8	182.3	5	Ci.	Cu.	9	Ci.-S.	S.-Cu.
25	NNE	NE	NE	NNE	NE	NE	52.5	74.8	69.5	23.9	220.7	7	Ci.	Cu.	9	A.-S.	Cu.-N. E
26	NE	NE	NNE	N	E	NE	24.1	36	55.5	20.7	136.3	5	Ci.	Cu.	9	A.-S.	Cu.-N. E
27	NE	NE	NNE	SW	SE	NE	23.5	45.9	38.6	26.6	134.6	3	Ci.	----------	8	Ci.-S.	Cu.-N. E
28	NE	NE	S	SW	NE	N	26.8	23.9	24.3	25.5	100.5	7	Ci.-S.	Cu. E	10	Ci.-S.	Fr.-N. E
29	NE	NE	NE	NE	NE	NE	27.9	50.1	54.7	34	166.7	4	Ci.	Cu.	7	Ci.-S.	Cu. E
30	NE	NE	ENE	ENE	NE	NE	59	132.5	138.9	89.5	414.9	8	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu. NE
Mean	------	------	------	------	------	------	30	47.6	51.4	30.1	159.8	6.6	----------	----------	8	----------	----------

AMBULONG, TANAUAN.

[ϕ=14° 07′ N; λ=121° 04′ E; barometer above sea, 10.5 meters; gravity correction not applied, —1.74 mm.]

DECEMBER, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	55.21	57.34	58.22	55.23	55.27	56.06	56.39	22.1	18.8	27	29	25.2	23.3	24.2	29	18.7	94	91	77	71	90	92	85.8	------
2	55.33	55.94	57.79	55.47	55.45	56.15	56.02	22.3	21.2	27	29.9	26.6	24.6	25.3	29.9	21	92	95	77	65	80	87	82.7	------
3	54.86	56.26	58.47	56.65	56.77	58.15	56.86	23.3	23.4	28.9	28.1	25.5	24.9	25.7	29	23	90	93	70	77	88	84	83.7	------
4	57.22	57.96	58.56	56.11	57.39	58.26	57.58	24.3	24.5	29.8	31.3	26.9	25.1	27	31.8	24	90	92	66	60	77	91	79.3	------
5	56.89	57.52	58.23	55.53	56.69	57.49	57.06	24.2	23.3	27.8	30.3	27.5	24.8	26.3	30.3	22.9	90	92	71	63	74	85	79.2	------
6	56.31	57.26	58.04	56.14	56.34	57.86	56.99	23.7	24	28	29.6	27.4	24.9	26.3	30.1	23.6	90	93	77	69	78	86	82.2	1.3
7	57.11	57	58.04	56.14	56.84	57.74	57.14	24	22.9	27.9	29.3	27.7	25	26.1	29.5	22.8	91	91	71	69	79	85	81	------
8	56.45	56.90	57.99	55.45	55.99	57.42	56.70	24.4	23.7	26.9	28.7	24.8	24.2	25.4	30	23.6	88	92	78	75	85	88	84.3	6.9
9	56.36	56.96	58.25	56.19	56.57	58.01	57.06	24.2	24	30.5	30.3	26.7	25.3	26.8	31	23.9	93	93	63	63	85	89	81	------
10	57.04	57.69	58.44	56.30	57.58	58.11	57.53	24.7	24.6	30.3	29.9	25.9	24.9	26.7	31	24	89	87	64	64	85	84	78.8	------
11	56.94	57.52	58.24	56.17	57.35	58.10	57.39	24.3	24.7	29.7	31.6	27.2	25.3	27.1	32	24	89	87	67	56	75	89	77.2	------
12	57.14	57.10	58.04	55.82	57.36	58.49	57.32	24.2	24.1	29.9	30	25.7	25.2	26.5	30.7	23.9	90	91	65	66	86	90	81.3	------
13	57.15	57.89	58.44	56.34	57.04	57.89	57.46	24.7	24.6	29.4	31	26.3	25	26.8	31.2	24	86	88	68	59	82	92	79.2	.8
14	56.85	57.49	58.06	55.97	56.69	57.06	57.02	24.3	24	29.9	30	26.3	25	26.6	30.8	23.5	91	91	67	65	85	85	80.7	------
15	56.01	56.55	57.33	55.70	56.61	57.69	56.65	24.4	23.8	29.9	25.3	24.6	23.4	25.2	30.7	23.3	88	92	64	89	88	95	86	6.2
16	56.31	56.42	57.30	54.37	55.81	57	56.20	23.8	24	28.3	29.8	26.7	25.3	26.3	29.9	23	92	93	75	66	79	89	82.3	------
17	55.84	56.38	57.20	55.20	55.94	56.95	56.25	24.3	24.2	28.8	30.1	27.5	25.5	26.7	30.1	24.1	89	90	69	65	73	88	79	1
18	55.77	56.54	57.04	54.32	55.57	57.15	56.06	25	24.7	29.2	30.6	28	26.9	27.4	30.8	24.6	92	86	70	62	77	80	77.8	------
19	55.90	56.44	57.09	54.53	56.10	57.24	56.22	25.3	25	30	31.2	27.8	26	27.6	31.7	24	89	87	65	64	78	85	78	------
20	56.35	57	57.53	55.63	56.85	57.91	56.88	25	24	29	30.6	27	25.4	26.8	31.4	23.5	92	93	71	63	79	88	81	------
21	57.09	58.27	58.43	55.88	56.69	57.85	57.37	24.9	24.4	29.8	31.9	27.3	25	27.2	32	23.5	91	93	66	61	78	92	80.2	------
22	55.84	57.63	57.92	56.02	56.99	58.14	57.26	23	22.8	29.9	30.8	27	24.9	26.4	31.3	22	95	93	67	60	77	84	79.3	------
23	56.97	57.19	58.01	55.99	56.46	57.86	57.08	24.2	24	28.3	29	26.2	24.9	26.1	30	22.5	90	86	75	71	85	84	81.8	1.8
24	56.85	57.13	57.95	56.38	57.01	58.02	57.22	24	23	28.7	27.3	26	24.5	25.6	31.7	22.5	91	92	73	75	85	87	83.8	------
25	57.31	58.05	59.01	56.78	58.01	58.97	58.02	23.6	23	29.2	31.3	27	24.1	26.4	31.3	22.9	93	95	70	64	78	91	81.8	.8
26	57.24	57.61	57.93	56.11	57.41	57.51	57.30	23.7	23.2	27.6	27.3	23.9	23.2	24.8	30	22.8	92	93	75	78	88	90	86	8.3
27	57.17	57.18	57.96	56.30	57.82	58.25	57.45	23.3	23	24.9	24.2	23	22	23.4	25	21.9	90	91	86	90	95	95	91.2	29.9
28	57.21	58.26	58.98	57.37	58.52	58.43	58.13	22.6	22.4	23.9	25.3	23.7	22.7	23.4	25.7	22.3	92	92	85	89	92	92	90.3	3.1
29	57.33	57.42	58.36	56.17	57.43	58.92	57.60	23.1	23	25.3	25.6	23.7	22.3	23.8	26.7	22	90	84	89	87	92	92	89	7.4
30	57.03	57.34	57.68	55.67	56.41	57.52	56.95	22.3	23	26.7	27.2	25.3	24.7	24.9	27.5	22	94	91	85	78	89	86	87.2	------
31	56.92	57.85	58.61	56.09	57.68	58.74	57.65	23	23	30.3	30.7	26.3	23.2	26.1	31.9	22.5	97	95	63	61	85	93	82.3	------
Mean	56.65	57.23	58.04	55.87	56.79	57.77	57.06	23.9	23.5	28.5	29.3	26.2	24.6	26	30.1	23	91	91	71.9	69.2	82.8	88.3	82.4	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	67.5

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NE	NE	ENE	ENE	NE	N	45.9	77.4	82.9	22.7	228.9	2	Ci.	----------	5	Ci.	Cu.
2	NE	E	NE	NNE	NE	Calm	42.4	51.5	59.3	40.5	193.7	10	A.-S.	S.-Cu. NE	8	Ci.-S.	Cu.-N.
3	NE	NE	NNE	NE	NE	NE	52	82.4	97.2	73.4	305	9	Ci.-S. NE	S.-Cu. E	7	Ci.	Cu. E
4	NE	NE	NE	ENE	NNE	N	75.1	106.4	100.8	54.7	337	9	Ci.-S. ENE	S.-Cu. NE	6	Ci.	Cu. NE
5	NE	NE	NE	NE	NE	NE	26.8	72.1	111.8	38.4	249.1	10	A.-S. E	N. ENE	9	Ci.-S.	cu.-N. ENE
6	NE	NE	ENE	ENE	NE	N	32.7	75.6	104.8	45.7	258.8	6	Ci.	Cu. ENE	6	Ci.	Cu.
7	NE	NE	ENE	NE	NE	NE	45.4	54.4	63.1	28.4	191.3	4	Ci.	Cu.	9	Ci.-S.	cu.-N. ENE
8	Calm	N	NE	NE	NE	Calm	20.6	44.9	79.4	34.4	179.3	4	Ci.	Cu.	8	Ci.	Cu.-N. E
9	NE	Calm	NE	NE	NE	NE	44.8	58.4	78.9	64.1	246.2	3	Ci.	Cu.	7	Ci.-S.	Cu.
10	NE	NNE	NE	ENE	NE	NE	50.5	82.4	104.4	52.9	290.2	5	Ci.-Cu.	Cu. E	6	Ci.	Cu.
11	NE	NE	NE	ENE	NE	NE	57.6	90.9	97.7	53.1	299.3	4	Ci.	Cu.	7	Ci.-S.	Cu. E
12	Calm	NE	ENE	ENE	NE	E	33	98.5	113.8	44.8	290.1	6	Ci.	Cu. E	5	Ci.	Cu.
13	NE	NE	NE	NE	NE	NE	78.7	98.8	106.2	58.2	341.9	9	Ci.-S. NNE	Cu.-N. NE	8	Ci.-S.	Cu. NE
14	N	NE	NE	ENE	NE	NNE	49.3	82.4	95	57.9	284.6	9	Ci.-S.	Cu.-N. NE	7	Ci.	Cu.
15	NE	NE	NE	NE	NE	NE	49.9	76.2	85.9	78.1	290.1	3	Ci.	----------	10	A.-S.	N. NE
16	ENE	NNE	NE	NE	NE	NE	74.3	100.6	114	75.6	364.5	10	A.-S.	N. NE	7	Ci.	Cu.
17	NE	NE	NE	NNE	NE	NNE	62.8	82.1	89.8	62.3	297	9	Ci.-S. NNE	Cu.-N. E	6	Ci.	Cu.
18	NE	NE	NE	NE	NE	NE	50.5	84.5	106.8	81.8	323.6	7	Ci.	Cu. E	9	Ci.-S.	Cu.-N. E
19	NE	NE	ESE	NE	NE	Calm	48.3	64.1	71.8	27.7	211.9	5	Ci.	Cu.	4	Ci.	Cu.
20	NE	NE	NNE	NE	NE	NE	42.9	70.5	105.9	66.6	285.9	5	Ci.	Cu.	7	Ci.-S.	Cu.-N. E
21	NE	N	NE	NE	ENE	NE	49.7	81.1	107	46.1	283.9	3	Ci.	----------	3	Ci.	----------
22	E	NE	NE	ENE	NNE	N	19.6	80.8	111	50.4	261.8	2	Ci.	----------	6	Ci.	Cu. E
23	NE	NE	ENE	NE	NE	NE	42.1	88.5	96.1	36.4	263.1	4	Ci.	Cu.	7	Ci.-S.	Cu.-N. E
24	NE	NNE	NE	NNE	NE	NE	49.7	46.7	81	60	237.4	5	Ci.	Cu. NE	10	A.-S.	Fr.-N.NE
25	NNE	Calm	ENE	NE	NE	NE	43.5	84.3	106.5	38.3	272.6	2	Ci.	----------	7	Ci.	Cu. ENE
26	NE	NE	ENE	ENE	NE	NE	35.1	66	103.2	89.1	293.4	8	Ci.-S. NNE	Cu.-N. NE	10	A.-S.	Fr.-N.NE
27	NE	N	NE	NE	NE	NE	77.4	62.3	78.4	100.8	318.9	9	Ci.-S.	Fr.-S.	10	A.-S.	N. NE
28	ENE	NE	ENE	ENE	NE	NE	106	120.7	137.3	92.8	456.8	10	A.-S. ENE	Fr.-N. E	10	A.-S.	Fr.-N. E
29	ENE	NE	ENE	ENE	NE	NE	112.1	127.6	116.7	75.6	432	9	A.-S.	Cu.-N.	9	Ci.-S.	Cu.-N. E
30	NE	NE	NE	NNE	NNE	N	76.2	78.6	70.5	57.9	283.2	9	Ci.-S. NE	S.-Cu. E	9	Ci.-S.	Cu.-N. E
31	E	NE	E	NE	NE	SE	27.6	59.2	55	25.9	167.7	7	Ci.-S.	Cu.	5	Ci.	Cu.
Mean	-----	-----	-----	-----	-----	-----	52.3	79	94.6	56	281.9	6.4	----------	----------	7.3	----------	----------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	8,739.2	----	----------	----------	----	----------	----------

PARACALE.

[ϕ=14° 17′ N; λ=122° 47′ E; barometer above sea, 5.3 meters; gravity correction not applied, —1.73 mm.]

JANUARY, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.25	58.05	59.31	56.68	57.21	56.05	57.59	25	26.4	26.5	26.9	26.3	26.2	26.2	27	24.2	92	89	92	84	86	90	88.8	26.1
2	54.81	54.91	56.23	54.06	54.95	56.10	55.18	24.7	25.6	26.5	28.2	27	26.3	26.4	29	24.1	89	87	90	83	86	87	87	5.6
3	55.48	56	57.37	55.53	57.20	58.98	56.76	25.8	25	28	28.3	26.5	25.4	26.5	29.2	24.1	88	92	81	88	92	90	88.5	2.3
4	58.70	59.93	60.98	58.41	59.46	60.88	59.73	23.8	23.2	28.8	29.7	26.7	25.6	26.3	30.6	23.1	95	97	79	80	94	96	90.2	-----
5	59.96	60.87	61.77	59.63	60.34	61.22	60.63	24.2	24.4	28.4	29.4	26.7	26.3	26.6	30.4	23.8	97	97	77	77	83	85	86	2.3
6	60.23	60.72	61.62	59.34	60.03	60.80	60.46	24.6	23.6	25.8	28.2	26	24.3	25.4	29.2	22.8	95	97	88	80	92	96	91.3	9.2
7	60.08	60.25	61.13	59.53	59.93	60.82	60.29	23.3	23	28	29.8	25.6	25.5	25.9	30.8	23	97	98	77	75	92	93	88.7	3.3
8	60.70	61.18	62.53	60.91	61.51	62.43	61.54	23.8	24.6	26.3	29.8	27	27	26.4	29.8	23.5	95	95	86	75	87	86	87.3	3.8
9	61.96	62.89	63.46	61.12	61.92	63.18	62.42	25.5	26.4	28.6	29.2	26.8	26.7	27.2	29.8	25.2	88	85	77	75	86	84	82.5	4.3
10	62.11	63.07	63.92	61.61	61.93	63.28	62.65	25.5	25.3	28	26.4	26	25.7	26.2	30	24.6	91	91	79	89	92	91	88.8	14.5
11	62.54	63.32	64.04	61.48	61.78	62.73	62.65	24.8	25	26.8	28.2	27	27	26.5	28.2	24.5	93	92	86	80	78	83	85.3	6.1
12	61.37	61.66	62.84	60.72	61.38	62.03	61.67	26.6	26.1	26.5	27.5	26.4	24.4	26.2	27.6	23.3	80	82	85	77	81	91	82.7	13.5
13	61.09	61.18	62.66	60.09	60.33	60.94	61.05	24.9	23.8	27	28.5	26.5	26.4	26.2	28.5	23.5	89	93	81	76	84	81	84	17
14	59.48	59.56	60.56	57.40	58.24	58.55	58.96	26	25.5	26	26.5	26.5	26.7	26.2	26 9	24.4	84	86	92	88	84	85	86.5	15.2
15	57.05	56.55	57.73	55.88	56.64	57.94	56.96	26.1	26.3	25.8	25.5	25.6	25.7	25.8	26.3	24.5	91	90	93	92	89	84	89.8	8.1
16	57.40	58.22	60.22	58.19	59.40	60.84	59.04	24.8	24	25.2	26	25.3	24.5	25	26	23.5	85	85	78	76	74	76	79	1.3
17	60.08	60.20	61.79	59.88	60.09	61.59	60.60	24.4	24.4	25	26.5	24.6	24.5	24.9	26.5	24.2	72	68	68	59	71	69	67.8	2.5
18	60.78	61.16	62.45	60.45	60.69	62.02	61.26	24	23.8	25	24.8	23.4	23.6	24.1	26.2	21	70	70	68	75	84	80	74.5	2
19	61.20	61.45	62.52	61.03	61.63	62.09	61.66	24.3	24.4	25.2	26	25	24.7	24.9	27.6	22.8	73	70	67	66	79	72	71.2	1
20	61.13	61.32	62.29	60.06	60.65	60.89	61.06	24	24.5	25	26	25	24.8	24.9	27	23.5	75	69	64	72	71	69	70	-----
21	59.87	59.93	60.76	59.08	59.47	59.50	59.77	24.4	24.4	26.4	25.4	22.6	24.9	24.7	27.2	22.5	74	78	75	83	86	82	79.7	5.1
22	58.70	59.14	59.97	57.84	58.19	58.60	58.74	25.2	25.4	25.2	25.4	24.7	24.6	25.1	25.4	23.6	82	80	85	87	90	94	86.3	15
23	57.92	58.34	59.03	57.01	58.11	59.28	58.28	24.2	24.9	25.9	26.4	25.5	25.5	25.4	27.4	23.8	95	96	94	92	96	96	94.8	26.1
24	58.95	59.29	60.64	58.58	59.83	60.88	59.70	25.2	25	25.8	25.7	24.6	25.2	25.2	26.4	23.7	97	93	88	90	94	90	92	22.1
25	60.50	61.10	62.23	60.10	60.33	61.15	60.90	25.2	23.8	25.4	24	24.4	24	24.5	26.4	23.1	90	97	89	96	95	96	93.8	44.5
26	60.08	60.08	61.43	59.23	59.98	61.02	60.30	23.8	24	25	26	26	23.6	24.7	28	22.9	97	98	95	92	89	98	94.8	41.9
27	59.83	59.72	60.26	58.04	58.94	59.88	59.44	25	25.5	26.6	27.5	26.4	26.1	26.2	28.6	23.5	93	92	92	82	87	91	89.5	6.9
28	58.75	59.15	59.96	57.67	58.65	59.67	58.98	24.7	25	26.8	28.5	25.7	25.9	26.1	28.8	23.4	86	88	86	86	81	93	87.2	12.9
29	58.50	58.54	59.60	57.37	57.94	59.33	58.55	25.1	24.4	24.7	25.6	25.6	26	25.2	26.8	23.5	91	91	89	87	87	82	87.8	25.2
30	58.21	58.34	59.50	57.54	58.27	58.80	58.44	25.5	25.5	24.5	25.6	24.8	24.5	25.1	25.6	23.7	88	88	96	92	95	96	92.5	27
31	57.15	57.45	58.09	56.38	57	58.45	57.42	24.8	25	26	26.3	24.4	25.3	25.3	27.4	23.6	93	92	92	88	97	84	91	2.5
Mean	59.45	59.79	60.87	58.74	59.42	60.32	59.76	24.8	24.8	26.3	27	25.6	25.4	25.7	27.9	23.6	87.9	87.9	83.5	81.8	86.9	86.6	85.8	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	367.3

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Mid-night.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NE	NE	NE	NNE	NNE	NNE	67.3	86.1	85.3	70.8	309.5	10	Ci.-S.	S.-Cu. NE	10	Ci.-S.	S.-Cu. NNE
2	ENE	ENE	ENE	E	E	E	95	91.7	92.3	39.9	318.9	10	Ci.-S.	Cu. ENE	10	Ci.-S.	Cu. E
3	E	E	Calm	E	Calm	Calm	27.1	28.4	39.7	7.7	102.9	10	Ci.-S.	Cu. E	10	Ci.-S.	Cu. ESE
4	Calm	Calm	ESE	E	Calm	Calm	3.5	31.1	46.2	3.4	84.2	6	Ci.	Cu.	4	Ci.	Cu. E
5	Calm	Calm	ENE	ENE	Calm	Calm	5.3	52	53.3	21.4	132	2	Ci.	Cu.	4	Ci.	Cu. E
6	Calm	Calm	ENE	ENE	Calm	Calm	6.4	19.1	39.6	3.4	68.5	10	Ci.-S.	Cu. ENE	10	Ci.-S.	Cu. ENE
7	Calm	Calm	E	E	Calm	Calm	3.7	37.3	45.1	8.3	94.4	2	Ci.-Cu.	Cu.	5	Ci.	Cu. SE
8	Calm	Calm	E	ENE	ENE	ENE	3.5	34	49.1	46.9	133.5	10	Ci.-S.	Cu. E	7	Ci.	Cu. E
9	ENE	ENE	ENE	ENE	ENE	ENE	61	98.5	80.7	75.9	316.1	10	Ci.-S.	Cu. ENE	7	Ci.	Cu. ENE
10	Calm	NE	NE	NE	NE	NE	47.7	76.7	63.9	95	283.3	10	Ci.-S.	S.-Cu. NE	10	Ci.-S.	Cu. NE
11	ENE	ENE	ENE	ENE	ENE	ENE	112.7	99.8	104.3	113	429.8	10	Ci.-S.	S.-Cu. ENE	10	Ci.-S.	Cu. ENE
12	ENE	ENE	NE	NE	NE	NE	109.4	100.4	96.4	96.1	402.3	10	Ci.-S.	Cu. ENE	10	Ci.-S.	Cu. NE
13	NE	NE	NE	NE	NE	NE	99.8	109.4	110.7	120.2	440.1	10	Ci.-S.	S.-Cu. NE	10	Ci.-S.	Cu. NE
14	NE	NE	NE	NNE	NNE	NNE	105.4	117.5	118.1	119.4	460.4	10	Ci.-S.	Cu. NE	10	Ci.-S.	S.-Cu. NNE
15	NNE	NNE	N	N	N	N	110	112.7	122.3	138.7	483.7	10	Ci.-S.	S.-Cu. NNE	10	Ci.-S.	S.-Cu. N
16	N	N	N	NNE	NNE	NNE	133.3	135.2	137.4	126.5	532.4	10	Ci.-S.	S.-Cu. N	10	Ci.-S.	Cu. N
17	NNE	NNE	NNE	NNE	NNE	NNE	96.1	99.3	97.6	104.6	397.6	10	Ci.-S.	Cu. N	10	Ci.-S.	Cu. N
18	NE	NE	NE	NE	NNE	NNE	94.6	121.5	98.4	86.7	401.2	10	Ci.-S.	S.-Cu. ENE	10	Ci.-S.	Cu. ENE
19	NNE	NNE	NNE	ENE	ENE	ENE	80	85.9	91.4	94.6	351.9	10	Ci.-S.	Cu. NNE	10	Ci.-S.	Cu. ENE
20	NE	NE	NE	NE	NE	NE	109.1	95.3	73.5	84	361.9	10	Ci.-S.	Cu. NE	10	Ci.-S.	Cu. NE
21	NE	NE	NE	NE	NE	NE	48.5	48	48.3	43.8	188.6	10	Ci.-S.	Cu. NE	10	Ci.-S.	Cu. NE
22	NE	NE	NE	NE	NE	NE	51.5	55.7	57.4	58.1	222.7	10	Ci.-S.	Cu. NNE	10	Ci.-S.	Cu. NE
23	N	N	NNE	Calm	Calm	NE	52.9	30.3	19.6	28	130.8	10	Ci.-S.	S.-Cu. N	10	Ci.-S.	Cu. NE
24	NE	NE	NE	NE	NE	NE	62.6	97.2	108	107.6	375.4	10	Ci.-S.	S.-Cu. ENE	10	Ci.-S.	S.-Cu. NNE
25	NE	ENE	NE	NNE	NNE	NNE	119.1	95	95	120.7	429.8	10	Ci.-S.	S.-Cu. NE	10	Ci.-S.	S.-Cu. NE
26	NE	NE	NE	NE	NE	Calm	119.1	90.9	79.7	30.6	320.3	10	Ci.-S.	S.-Cu. NNE	10	Ci.-S.	Cu. ENE
27	Calm	NE	ENE	ENE	ENE	ENE	40.2	82.3	90.7	80.3	293.5	10	Ci.-S.	Cu. NE	10	Ci.-S.	Cu. ENE
28	ENE	ENE	ENE	ENE	ENE	ENE	80.9	48.9	66.8	52.3	198.9	10	Ci.-S.	Cu. ENE	10	Ci.-S.	S.-Cu. ENE
29	ENE	ENE	ENE	ENE	ENE	ENE	74.8	87.4	75.9	92.3	330.4	10	Ci.-S.	S.-Cu. ENE	10	Ci.-S.	Cu. NE
30	NE	NE	NE	ENE	ENE	ENE	69.4	69.5	64.2	51.7	254.8	10	Ci.-S.	S.-Cu. NE	10	Ci.-S.	S.-Cu. N
31	NNE	NNE	N	N	NNE	Calm	44	50.9	71.6	42.6	209.1	10	Ci.-S.	S.-Cu. N	10	Ci.-S.	
Mean	-----	-----	-----	-----	-----	-----	67.2	77	78.1	69.8	292.2	9.4	----------	----------	9.3	----------	----------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	9,058.9	----	----------	----------	----	----------	----------

PARACALE.

[$\phi = 14°\ 17'$ N; $\lambda = 122°\ 47'$ E; barometer above sea, 5.3 meters; gravity correction not applied, —1.73 mm.]

FEBRUARY, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.31	57.81	58.88	57.15	57.56	58.75	57.91	24.4?	23.3	27.5	27.5	26	25.5	25.7	29.4	22	96?	95	77	77	80	84	84.8	0.5
2	57.73	57.85	59.25	56.72	57.42	58.24	57.87	25.4	25	28	28	25.6	24.2	26	28.6	23.4	85	90	74	74	87	95	84.2	------
3	57.02	58.08	59.06	56.71	57.39	58.11	57.73	23	22	27.5	28.1	26.5	24.5	25.3	29.4	21.8	98	99	84	77	84	96	89.7	------
4	57.52	58.12	59.01	56.68	56.75	57.99	57.68	23.5	22.9	27.8	27.5	26	24	25.3	28.2	22.8	97	97	81	84	92	97	91.3	8.1
5	57.20	57.97	58.96	56.72	57.56	58.83	57.87	22.4	23.5	29	30.3	27	24.5	26.1	30.8	22.1	96	96	76	68	85	96	86.2	------
6	58.60	59.25	60.31	57.58	57.43	58.12	58.55	22.4	21.5	27.5	29.5	27	23.5	25.2	29.8	21.5	96	97	81	75	80	96	87.5	------
7	57.17	57.77	58.66	56.45	56.29	57.17	57.25	21.6	20.4	26.5	27.5	25.7	22.5	24	29.2	20.4	96	96	80	76	92	96	89.3	------
8	56.37	57.20	58.71	56.49	57	58.64	57.40	21.8	19.8	27	31	24.3	19.4	23.9	31.3	18.7	93	92	59	40	64	90	73	------
9	58.84	59.69	60.56	58.88	59.58	60.73	59.71	18.1	17.4	27	29	26	23.5	23.5	29.3	17.2	93	96	66	60	79	91	80.8	------
10	60.55	60.70	62.31	60.32	60.41	61.43	60.96	21.5	24.5	27	28	26.5	26.2	25.6	29.4	20.9	95	79	73	70	76	79	78.7	28.5
11	60.15	60.72	62.16	60.12	60.91	62	61.01	23.6	22	27.5	28.2	24.8	22.7	24.8	28.8	22	95	98	81	74	85	91	87.3	------
12	60.83	61.05	62.75	60.41	60.62	62.19	61.31	22.1	24.4	25.4	28.5	26	25.6	25.3	28.5	22.1	94	89	84	70	76	79	82	5.5
13	61.08	61.47	62.43	59.99	60.43	62.36	61.29	25.2	25.5	27	29	26.4	24.5	26.3	29.6	22.9	78	76	77	68	76	87	77	------
14	61.51	61.84	63.05	60.09	60.12	61.05	61.28	21.8	23.7	24.5	26.7	25	24.5	24.4	27	21.6	89	91	92	83	86	87	88	8.4
15	60.28	60.48	62.03	59.34	59.64	61.18	60.49	22.8	22.4	25.3	27.2	26	23.7	24.6	28.2	22.3	95	96	85	78	84	94	88.7	46.7
16	59.90	60.51	62.27	59.77	60.06	61.42	60.66	22.6	21.7	27	29	26.5	25.5	25.4	29.5	21.6	95	97	84	74	84	92	87.7	------
17	59.35	60.30	61.16	58.54	58.81	60.23	59.73	23.8	23	28.6	29.2	27.8	26.5	26.5	29.5	22.5	95	96	77	76	82	88	85.7	------
18	58.75	59.27	60.01	57.53	58.03	59	58.76	23.9	23	27.5	28.6	27	26.5	26.1	28.8	22.9	94	97	84	80	85	88	88	------
19	57.81	57.96	59.26	57.21	57.81	58.49	58.09	25.9	25.7	29.3	24.4	25	25	25.9	29.4	24.2	88	88	75	97	94	96	89.7	38.3
20	57.80	58.22	59.13	57.30	57.08	58.75	58.05	24.2	24	27.2	26	26	25	25.4	28.2	24	97	97	81	89	88	96	91.3	.8
21	58.10	58.28	59.33	57.19	57.17	58.17	58.04	24.6	26	27.5	28	26.8	26.3	26.5	28	24.6	95	89	88	85	90	86	88.8	9.4
22	58.19	58.28	59.41	57.27	57.75	58.40	58.22	25.1	25.2	27	27.7	26.5	26	26.2	27.7	25	92	93	84	85	88	92	89	4.6
23	57.95	58.32	59.52	57.24	57.78	59.30	58.35	24.6	22.8	29	29	26.3	24.4	26	29.6	22.4	95	97	75	76	74	88	84.2	------
24	57.92	58.59	59.59	57.98	57.99	59.13	58.53	22.4	21.3	28.4	29.4	26.6	24	25.4	29.6	21.2	93	95	70	71	80	96	84.2	------
25	58.60	59.23	60.24	57.94	57.98	58.89	58.81	22.2	21.4	27.7	29.4	26.2	23.3	25	29.7	21.4	96	98	81	72	82	96	87.5	------
26	58.62	58.72	60.32	58.13	58.03	58.68	58.75	22.4	21.6	27.5	29.5	26.7	26	25.6	29.8	21.6	96	98	76	69	83	80	83.7	------
27	57.90	58.64	59.89	57.68	58	59.33	58.57	23.8	25.4	29.2	28.2	26.6	26.3	26.6	30.4	23.4	91	84	70	80	79	78	80.3	3.8
28	58.30	59.13	60.56	58.08	58.33	59.56	58.99	26.4	25.9	28.5	29.8	27	26.4	27.3	30	25.6	76	78	71	67	77	84	75.5	------
29	58.68	59.03	60.39	58.71	58.13	60.19	59.19	26	26	28.5	30.2	27.4	27	27.5	30.2	25.8	87	87	77	71	80	80	80.3	------
Mean	58.62	59.12	60.32	58.08	58.35	59.53	59	23.4	23.1	27.5	28.4	26.2	24.7	25.6	29.2	22.3	92.6	92.4	78	74.7	82.5	89.6	85	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	149.6

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Mid-night.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	Calm	NE	NE	NE	NE	5.1	33.6	67.3	44.3	150.3	10	Ci.-S.	Fr.-N. NE	10	Ci.-S.	Cu. NE
2	NE	Calm	NE	NE	Calm	Calm	37.5	39.7	38.4	4.3	119.9	10	Ci.-S.	Cu.	8	Ci.-S.	Cu. NE
3	Calm	Calm	NE	NE	Calm	Calm	10.2	22.8	37.2	8	78.2	2	Ci.	Cu.	8	Ci.-S.	Cu. SW
4	Calm	Calm	Calm	NNW	Calm	Calm	5.3	13.5	19.6	2.1	40.5	5	Ci.	Cu.	10	Ci.-S.	Cu.
5	Calm	Calm	WSW	WSW	Calm	Calm	3.2	18	38.3	2.7	62.2	10	Ci.-S.	Cu. SW	2	Ci.	Cu. SW
6	Calm	Calm	NE	NE	Calm	Calm	2.9	23.3	38.1	2.9	67.2	3	Ci.	Cu.	2	Ci.	Cu.
7	Calm	Calm	Calm	NE	Calm	Calm	6.4	14.2	33.8	7.7	62.1	2	Ci.	Cu.	5	Ci.	Cu. SW
8	Calm	Calm	NE	W	Calm	Calm	25.4	24.1	26.6	5	81.1	1	Ci.	Cu.	0	Ci.	Cu.
9	Calm	Calm	Calm	NE	Calm	Calm	6.9	25.1	35.4	5.3	72.7	0	Ci.	Cu.	1	Ci.	Cu.
10	Calm	NE	NE	NE	NE	NE	7.8	65.2	60.4	49.1	182.5	6	Ci.	Cu. NNE	6	Ci.	Cu. NNE
11	Calm	Calm	NE	NE	NE	Calm	17.1	21.5	51.5	38.1	128.2	7	Ci.	Cu. NE	10	Ci.-S.	Cu. NE
12	Calm	Calm	E	E	E	E	5.9	50.1	62.2	42.4	160.6	10	Ci.-S.	Cu. ENE	10	Ci.-S.	Cu. E
13	NE	NE	ENE	ENE	ENE	Calm	42.9	52.3	57.6	19.5	172.3	10	Ci.-S.	Cu. NE	5	Ci.	Cu. ENE
14	Calm	Calm	Calm	NE	NE	Calm	5.4	41.8	65.2	27.2	139.6	10	Ci.-S.	Cu. NNE	8	Ci.-S.	Cu. NE
15	Calm	Calm	E	E	E	Calm	10.8	24.7	60	18.3	113.8	10	Ci.-S.	Cu. E	6	Ci.	Cu. E
16	Calm	Calm	Calm	NE	NE	Calm	17.7	18.8	48.8	22.5	107.8	3	Ci.	Cu. ESE	7	Ci.	Cu. NE
17	Calm	Calm	E	E	NE	Calm	4.2	25.4	57.3	16.6	103.5	2	Ci.	Cu.	6	Ci.	Cu. E
18	Calm	Calm	E	ENE	ENE	ENE	3.8	26.8	55.3	43.3	129.2	3	Ci.	Cu.	10	Ci.-S.	Cu. ENE
19	ENE	ENE	ENE	E	ENE	Calm	42.9	51.7	42.3	30	166.9	10	Ci.-S.	Cu. ENE	10	Ci.-S.	S.-Cu. E
20	Calm	Calm	E	E	Calm	Calm	15.1	33.2	60	8.9	117.2	10	Ci.-S.	Cu. E	10	Ci.-S.	S.-Cu. E
21	Calm	Calm	ENE	ENE	Calm	Calm	15	42.6	41.3	31.9	130.8	10	Ci.-S.	Cu. ENE	10	Ci.-S.	Cu. ENE
22	Calm	Calm	ENE	ENE	ENE	Calm	5	29.5	37.6	22.2	94.3	10	Ci.-S.	Cu. E	10	Ci.-S.	Cu. E
23	Calm	Calm	ENE	ENE	Calm	Calm	5.1	34.8	59.8	14.3	114	4	Ci.	Cu.	5	Ci.	Cu. ENE
24	Calm	Calm	ENE	ENE	Calm	Calm	4.2	30.8	49.9	9.1	94	3	Ci.	Cu.	3	Ci.	Cu.
25	Calm	Calm	ENE	ENE	Calm	Calm	5.8	25.9	46.1	8	85.8	2	Ci.	Cu.	6	Ci.	Cu. ENE
26	Calm	Calm	ENE	ENE	ENE	ENE	7.2	15.5	42	37.8	102.5	10	Ci.-S.	Cu. ENE	7	Ci.	Cu. ENE
27	Calm	ENE	NE	NE	NE	NE	35.6	53.6	57.4	65.8	212.4	10	Ci.-S.	Cu. NE	6	Ci.	Cu. NE
28	NE	NE	NE	NE	NE	NE	67.8	79.7	54.4	38.9	240.8	7	Ci.-S.	Cu. NE	10	Ci.-S.	Cu. ENE
29	N	N	N	N	NNE	NNE	35.9	59.8	63.6	71.6	230.9	10	Ci.-S.	Cu. N	6	Ci.	Cu. N
Mean	------	------	------	------	------	------	15.8	34.4	48.5	24.1	122.8	6.6	----------	----------	6.8	----------	----------
Total	------	------	------	------	------	------	------	------	------	------	3,561.3	----	----------	----------	----	----------	----------

PARACALE.

[ϕ=14° 17′ N; λ=122° 47′ E; barometer above sea, 5.3 meters; gravity correction not applied, —1.73 mm.]

MARCH, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.38	60.04	62.21	60.23	60.22	61.72	60.63	26.5	26	26.3	27.1	25.5	25.6	26.2	28.8	24.5	80	76	74	64	73	70	72.8	0.5
2	60.30	60.59	61.82	60.01	60.02	61.53	60.71	24.8	24.8	26	27	25.1	24.9	25.4	27.6	23.7	77	77	69	67	70	71	71.8	3.3
3	60.63	60.83	62.30	59.93	60.13	61.86	60.95	24.2	24	26.4	26.9	25.9	25.6	25.5	28.8	22.1	82	83	72	73	76	83	78.2	3.3
4	60.95	61	62.42	60.41	60.43	61.63	61.14	24.7	23	29	28.4	25.8	24.9	26	30.2	23	86	96	71	71	88	92	84	1
5	59.98	60.92	61.96	59.69	59.69	60.78	60.50	24.6	24.8	26.1	25	25.5	25.3	25.2	26.8	24	95	93	89	88	84	85	89	94.2
6	59.58	59.83	60.91	58.39	58.56	59.52	59.46	23.8	23	27	26.2	25	24.3	24.9	27.4	23	95	96	84	86	97	93	91.8	9.5
7	58.32	58.31	59.46	57.22	57.66	58.54	58.25	23.7	23.5	26.5	26	25	24.1	24.8	28.8	23.5	97	97	86	94	95	97	94.3	13
8	57.92	58.72	59.88	57.92	57.96	59.93	58.72	22.7	22.5	28	30.3	27.4	25.3	26	30.3	22.5	97	98	81	75	81	93	87.5	------
9	59.50	60.30	61.38	59.40	59.78	60.33	60.12	23.7	23	28.2	28.9	26.6	26	26.1	30.2	23	96	98	80	78	80	86	86.3	------
10	59.50	59.70	60.71	58.18	58.62	59.27	59.33	23.8	25.4	28	29.9	27	23.3	26.2	30.2	22.9	86	86	77	71	79	95	82.3	------
11	58.80	59.17	60.83	58.53	58.93	60.63	59.48	22.6	22.5	29	29.5	27.4	26.6	26.3	29.8	22	95	96	75	69	76	80	81.8	------
12	59.73	60.43	61.76	59.50	59.26	60.98	60.28	26.3	26.2	27.7	28.2	27	26.4	27	29.4	25.5	82	82	81	83	85	94	84.5	.8
13	60.35	60.88	62.57	60.19	59.99	61.68	60.94	24.6	23.2	24.5	27	26.5	26.2	25.3	28.8	23	95	98	96	84	88	84	90.8	9.4
14	60.03	60.25	61.09	59.03	59.15	60.56	60.02	25.8	24.5	27.8	28.8	26.5	26.4	26.6	29.6	24.3	85	96	82	80	92	88	87.2	6.9
15	59.48	59.58	59.92	58.14	59.23	60.56	59.48	24.5	25.3	28.8	29.3	27	26.4	26.9	30.4	24.3	96	93	73	79	77	79	82.8	7.4
16	59.30	59.73	61.37	58.97	59.28	60.96	59.94	25.6	25.1	27.8	28.8	26.5	26.5	26.7	29.5	23	87	91	79	75	80	80	82	3.8
17	60.01	60.42	61.79	59.53	59.96	61.52	60.54	25.7	24.7	29.3	29.8	27.4	24.8	27	30.6	23.8	84	90	72	73	77	89	80.8	9.1
18	60.33	60.38	61.27	58.88	59.30	61.18	60.22	23.6	23	28	30.2	27.4	24.3	26.1	30.2	23	95	97	74	64	79	91	83.3	6.1
19	60.18	60.63	61.46	59.23	59.21	60.08	60.13	22.7	23.4	27.6	29	27	26.7	26.1	30.2	21.9	94	95	73	78	83	81	84	.5
20	59.10	59.89	61.23	58.91	58.94	60.23	59.72	26	25	28.4	29.5	27.4	25.9	27	30	24.3	84	91	77	78	82	91	83.8	.5
21	59.46	60.10	61.23	59.68	59.62	61.14	60.20	24.2	24.2	29	30.3	27.4	25.1	26.7	30.5	23.7	96	96	78	70	80	91	85.2	------
22	60.80	61.31	62.33	60.46	60.63	61.97	61.25	22.8	22.2	29.2	30.8	27.5	26.6	26.5	31.4	22	95	97	70	65	77	83	81.2	------
23	61.20	61.74	63.01	61.37	61.56	62.99	61.98	24.2	26.1	29.5	30.5	27.5	26.3	27.4	31	24.2	86	84	71	68	77	82	78	.5
24	62.08	62.92	63.89	62.08	62.70	64.01	62.95	25.8	25.2	25.9	27.8	25.5	25.9	26	28.6	24.1	84	85	81	71	81	75	79.5	6.1
25	62.98	63.08	63.99	61.88	61.59	63.07	62.76	24.4	25.5	28.4	27.2	26.3	25	26.1	29	24.2	80	75	69	72	74	80	75	2
26	62.13	62.63	63.57	61.28	61.11	62.08	62.13	24.6	25.1	29.4	30	27	26.7	27.1	30.2	23.5	80	80	66	67	79	79	75.2	------
27	61.36	61.88	62.81	61.08	61.43	62.97	61.92	26.1	26.3	30	30	27.4	26.7	27.8	30.6	26	83	82	71	69	77	82	77.3	------
28	61.26	61.54	62.07	59.89	60.08	61.52	61.06	26	25.4	28.5	30.7	27.5	26.4	27.4	31.4	25.2	85	88	77	69	79	82	80	------
29	60.12	60.34	61.15	58.91	59.23	60.56	60.05	25.2	23.5	30.4	30.5	27.4	26.5	27.2	30.8	23.5	87	96	69	68	78	81	79.8	------
30	59.41	60.04	60.78	58.70	58.73	59.52	59.53	25.7	26	30.5	29.2	27.5	26.7	27.6	31.5	25.4	86	84	68	73	79	84	79	.5
31	58.58	59.20	60.10	58.08	58.41	59.26	58.94	26.6	26.5	30	30.9	28	25.3	27.9	31.2	23.8	84	84	68	66	77	89	78	------
Mean	60.09	60.53	61.65	59.54	59.72	61.05	60.43	24.7	24.5	28.1	28.8	26.7	25.7	26.4	29.8	23.6	88.2	89.7	75.9	73.8	80.6	84.8	82.2	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	178.4

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NNE	NNE	NNE	NE	NE	NE	90.7	104.9	98.8	106.8	401.2	10	Ci.-S.	Cu. NNE	10	Ci.-S.	Cu. NE
2	ENE	ENE	ENE	ENE	ENE	ENE	118.5	101.4	93.9	83.1	396.9	10	Ci.-S.	S.-Cu. ENE	10	Ci.-S.	Cu. ENE
3	ENE	ENE	ENE	ENE	ENE	ENE	82.9	82.9	77.9	51	294.7	10	Ci.-S.	S.-Cu. ENE	10	Ci.-S.	Cu. ENE
4	Calm	Calm	ESE	E	E	Calm	20.4	41.6	49.9	27.6	139.5	4	Cu.		10	Ci.-S.	Cu. ESE
5	Calm	NE	NE	NNE	ENE	ENE	24.7	57.9	72.7	73.4	228.7	10	Ci.-S.	S.-Cu. NNE	10	Ci.-S.	S.-Cu. NNE
6	ENE	ENE	NNE	NNE	NNE	Calm	63.1	84	39.7	33.8	170.6	10	Ci.-S.	S.-Cu. ENE	10	Ci.-S.	Cu. NNE
7	Calm	Calm	Calm	Calm	Calm	Calm	10.8	18.7	27.4	7.8	64.7	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
8	Calm	Calm	NNE	NNE	Calm	Calm	6.7	26.8	40.4	5	78.9	8	Ci.-S.	Cu.	4	Ci.	Cu. WSW
9	Calm	Calm	ENE	ENE	NNE	NNE	7.2	30	62.5	45.3	145	6	Ci.	Cu. ENE	6	Ci.	Cu. NNE
10	Calm	Calm	NE	NNE	Calm	Calm	23.8	47.8	41.8	6.6	120	7	Ci.	Cu. NNE	3	Ci.	Cu. NNE
11	Calm	Calm	NNE	NNE	NNE	NE	7.8	41.5	68.4	61	178.7	5	Ci.	Cu. NNE	6	Ci.	Cu. NNE
12	NE	NE	NE	NE	NE	NE	46.2	81.3	62	42.4	231.9	10	Ci.-S.	Cu. NE	10	Ci.-S.	Cu. NE
13	Calm	Calm	Calm	ENE	ENE	Calm	7.8	33.5	43.3	44.8	129.4	6	Ci.	Cu. NE	10	Ci.-S.	S.-Cu. ENE
14	NE	Calm	NE	NE	NE	NE	34.4	48.6	73	47.7	203.7	8	Ci.	S.-Cu. NE	7	Ci.	Cu. NE
15	Calm	Calm	NE	NE	NE	NE	24.1	67.6	72.1	45.7	209.5	7	Ci.	Cu. NE	10	Ci.-S.	Cu. NE
16	Calm	Calm	NE	NE	NE	NE	26.6	85.8	65.2	55	232.6	10	Ci.-S.	Cu. NE	10	Ci.-S.	Cu. NE
17	NE	Calm	NE	ENE	ENE	Calm	43.8	54.1	66.2	30.3	194.4	2	Ci.	Cu.	6	Ci.	Cu. E
18	Calm	Calm	NE	NE	NE	Calm	13.9	34.3	60.7	12.3	121.2	10	Ci.-S.	Cu. E	2	Ci.	Cu.
19	Calm	Calm	NE	NE	ENE	ESE	10.5	57.3	64.4	56.8	189	7	Ci.	S.-Cu. ENE	7	Ci.	Cu.
20	ENE	Calm	ENE	ENE	Calm	Calm	36.5	42.3	47.5	11.6	137.9	10	Ci.-S.	Cu. E	6	Ci.	Cu. E
21	Calm	Calm	E	ENE	Calm	Calm	9.1	40.5	55	19.5	124.1	2	Ci.	Cu.	3	Ci.	Cu. E
22	Calm	Calm	NE	NE	Calm	NE	6.4	34.6	50.7	30.6	122.3	4	Ci.	Cu. NE	4	Ci.	Cu. NE
23	Calm	NE	NE	NE	NE	NE	82	69.2	66.5	93.3	261	4	Ci.	Cu. NE	5	Ci.	Cu. ENE
24	NE	NE	NE	NE	NE	NE	115.6	127.4	125.5	114.3	482.8	10	Ci.-S.	Cu. NE	10	Ci.-S.	Cu. NE
25	NE	NE	NE	NE	NE	ENE	115.9	96.6	93.8	76.7	383	10	Ci.-S.	Cu. NE	10	Ci.-S.	Cu. ENE
26	E	E	ENE	ENE	ENE	ENE	65.4	60.2	64.4	51.5	241.5	6	Ci.	Cu. E	4	Ci.	Cu. ENE
27	E	E	E	ENE	ENE	ENE	49.1	64.7	69.5	42.9	226.2	6	Ci.	Cu. E	4	Ci.	Cu. E
28	ENE	Calm	ENE	ENE	ENE	ENE	36.5	50.4	57.6	35.9	180.4	6	Ci.	Cu. E	2	Ci.	Cu. E
29	ENE	Calm	E	E	E	E	16.1	48.5	62.6	35.7	162.9	4	Ci.	Cu. E	4	Ci.	Cu. E
30	Calm	NE	ENE	E	E	Calm	33.3	62.6	65.2	35.2	196.3	5	Ci.	Cu. E	6	Ci.	Cu. E
31	E	E	E	E	Calm	Calm	43.8	49.4	47.5	15.1	155.8	6	Ci.	Cu. E	3	Ci.	Cu. E
Mean	-----	-----	-----	-----	-----	-----	39.5	57.9	64.1	45.1	206.6	7.2	-----	-----	6.8	-----	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	6,404.8	----	-----	-----	----	-----	-----

PARACALE.

[$\phi = 14°\ 17'$ N; $\lambda = 122°\ 47'$ E; barometer above sea, 5.3 meters; gravity correction not applied, −1.73 mm.]

APRIL, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.95	58.05	59	56.90	57.50	58.68	58.01	23	22.3	29.9	31	27.5	24.4	26.4	31	22.2	95	97	67	65	76	88	81.3	------
2	57.90	58.22	59.98	58.40	58.95	61.10	59.09	23.2	21.7	29.5	30.3	27.7	23.5	26	30.8	21.7	91	96	67	64	70	96	80.7	------
3	60	60.69	60.98	59.51	59.47	60.78	60.24	22.6	21.9	29.7	29.4	27.5	24.4	25.9	31.4	21.6	95	96	70	68	80	93	83.7	------
4	60.60	60.98	61.83	59.76	59.87	61.76	60.80	23	22.9	30.1	31.3	28.1	25.7	26.8	31.8	22.5	97	97	66	65	77	89	81.8	8.6
5	60.63	61.21	62.43	60.95	61.31	63.13	61.61	26.4	24.6	27.3	29	27.2	26.6	26.8	29.4	24.2	82	95	76	71	76	76	79.3	2.8
6	61.94	62.49	63.41	61.61	62.02	63.68	62.52	26	26.1	28.9	28.3	26.8	26.7	27.1	29.4	25	76	76	70	70	78	80	75	------
7	62.98	63.16	63.75	62.37	62.82	64.41	63.25	25.8	26.3	29.5	30.6	26.5	26.7	27.6	30.8	25.5	85	82	70	63	80	79	76.5	------
8	63.28	63.31	63.46	61.26	61.48	62.53	62.55	26.5	26.2	27.6	28	26.3	26.6	26.9	30	24.4	79	79	73	71	82	84	78	16.5
9	61.71	61.43	62.23	60.52	60.81	61.82	61.42	25.2	26.5	27.3	28.8	27.6	26.7	27	30.5	24.3	90	82	82	78	80	83	8.52	12.2
10	60.73	61.13	62.42	60.62	60.95	61.77	61.27	26.4	25.2	29	29.5	27.2	26.7	27.3	30	24.7	85	94	74	71	81	83	81.3	------
11	60.73	61.27	62.21	60.15	60.53	61.83	61.12	26.6	25.9	28.7	30	26.9	26.5	27.4	30.8	25.6	80	80	80	70	80	83	78.8	7.9
12	60.81	61.36	62.40	60.38	60.71	62.11	61.30	26.8	25.5	29.5	29.7	27.3	26.5	27.6	30	24	81	88	76	75	85	85	81.7	1.3
13	60.98	61.04	62.23	60.14	60.30	62.01	61.12	26.6	26.5	30	30.5	27.7	26.9	28	31	25	84	86	72	68	79	83	78.7	10.4
14	60.68	60.78	61.58	59.98	59.85	60.87	60.62	24.6	23.5	27.5	28.8	27.5	26.7	26.4	30.1	23.5	95	97	86	81	82	86	87.8	9.7
15	59.58	59.81	60.55	58.67	59.22	60.63	59.74	26	25.4	29.5	30.4	27.6	26	27.5	30.8	24	85	84	68	66	76	76	75.8	------
16	59.58	59.63	60.17	58.26	58.77	59.34	59.31	22.7	22.7	29.1	29.6	27.4	27	26.4	30.8	22.4	94	94	70	72	81	87	83	5.3
17	57.16	57.24	58.06	56.13	56.38	57.16	57.02	26.6	27	29.8	27	27	27.4	27.5	29.8	25.4	89	88	79	88	84	85	85.5	2.6
18	55.20	55.20	56.29	54.98	55.34	56.58	55.60	26.6	26.5	26.1	27.1	25.5	26	26.3	29.3	25.2	87	88	91	86	88	92	88.7	9.1
19	55.49	56.11	57.42	56.15	56.48	57.90	56.59	26	24.9	29.9	29.5	27.8	25.3	27.2	30.4	24.8	90	95	75	72	79	93	84	3.6
20	56.85	56.99	57.59	55.86	55.65	57.20	56.69	24.5	24	29.2	30.3	27.6	24.7	26.7	30.3	23.8	96	96	73	66	80	94	84.2	------
21	56.37	56.82	57.83	55.67	55.63	57.25	56.60	23.7	23.3	30.5	30.4	28	25.4	26.9	31	23	96	95	73	72	77	93	84.3	------
22	56.50	57.30	57.93	56.17	56.53	57.65	57.01	24.7	23.9	30.7	30.7	28	24.4	27.1	31.1	23.6	94	95	69	69	77	94	83	------
23	56.55	56.88	57.47	55.48	55.38	57.03	56.46	23	22.6	29.7	31.4	28.4	26.2	26.9	31.9	22.5	96	95	67	68	79	90	82.5	------
24	56.35	56.80	57.58	55.77	55.95	57.88	56.72	24.7	23.8	29.5	32	28.3	26.6	27.5	32	23.8	94	96	73	67	80	91	83.5	------
25	56.80	57.54	58.66	56.97	57.28	58.88	57.69	24.7	24	31.2	31.4	28.2	26.3	27.6	31.6	24	96	96	69	64	79	90	82.3	------
26	57.98	59	59.96	58.11	58.83	60.16	59.01	24.2	23.5	30.5	32	28.5	27.3	27.7	32	23.5	95	96	68	66	77	86	81.3	------
27	58.33	58.48	59.78	58.14	58.97	60.21	58.98	24.8	24.4	29.5	31	27.8	26.3	27.3	31.2	24.2	96	95	77	72	86	90	86	3
28	58.43	58.99	59.68	57.83	58.13	59.52	58.76	25	24.4	31	30.4	27.2	26.5	27.4	31.9	24.3	95	97	72	72	86	90	85.3	.5
29	58.23	58.84	59.58	57.71	58.05	59.33	58.62	25.2	24.6	30	29.4	28.5	25.4	27.2	32	24.5	93	95	74	75	81	94	85.3	13
30	58.50	58.98	60.07	58.51	58.90	60.01	59.16	26	24.9	30	31	28.2	27	27.8	31.2	24.9	92	97	75	71	79	84	83	.3
Mean	58.96	59.32	60.22	58.44	58.74	60.11	59.30	25	24.5	29.4	30	27.5	26.1	27.1	30.8	23.9	90.1	91.6	73.4	70.9	79.8	87.2	82.2	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	106.8

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	Calm	NE	NE	Calm	Calm	8	33.6	45.1	11	97.7	4	Ci.	Cu.	3	Ci.	Cu.
2	Calm	Calm	E	E	Calm	Calm	10.2	31.1	44	10.3	95.6	4	Ci.	Cu. E	7	Ci.	Cu. E
3	Calm	Calm	NE	NE	Calm	Calm	10.2	35.2	39.1	9.1	93.6	3	Ci.	Cu. E	3	Ci.	Cu. E
4	Calm	Calm	NE	NE	Calm	Calm	10.3	33.5	44.1	19.6	107.5	3	Ci.	Cu.	5	Ci.	Cu. E
5	ENE	ENE	NE	NE	NE	NE	57.7	86.9	80.3	75.6	300.5	10	Ci.-S.	S.-Cu. ENE	10	Ci.-S.	Cu. NE
6	NE	NE	NE	NE	NE	NE	81.6	93.9	95.8	70.8	342.1	10	Ci.-S.	Cu. NE	10	Ci.-S.	Cu. NE
7	ENE	ENE	ENE	ENE	ENE	ENE	55.2	73.8	74.3	79.9	283.2	10	Ci.-S.	Cu. ENE	6	Ci.	Cu. ENE
8	ENE	ENE	ENE	ENE	ENE	ENE	80.8	96.3	93.8	71	341.9	10	Ci.-S.	Cu. ENE	10	Ci.-S.	Cu. ENE
9	ENE	ENE	ENE	ENE	ENE	ENE	60.4	69.4	76.1	52.1	258	10	Ci.-S.	S.-Cu. ENE	10	Ci.-S.	Cu. ENE
10	ENE	Calm	ENE	ENE	Calm	ENE	35.6	48.6	61.7	46.4	192.3	6	Ci.	Cu. ENE	4	Ci.	Cu. ENE
11	ENE	ENE	ENE	NE	ENE	ENE	63.3	75.8	88.2	75.1	302.4	6	Ci.	Cu. ENE	4	Ci.	Cu. NE
12	ENE	ENE	ENE	ENE	ENE	ENE	86.9	91.2	85.2	70.2	334.1	6	Ci.	Cu. ENE	4	Ci.	Cu. ENE
13	ENE	ENE	ENE	ENE	ENE	ENE	41.8	69.8	77.4	52.1	241.1	6	Ci.	Cu. ENE	3	Ci.	Cu. ENE
14	ENE	Calm	ENE	ENE	ENE	ENE	32	37.5	49.1	38.4	157	4	Ci.	Cu. E	10	Ci.-S.	Cu. E
15	ENE	Calm	ENE	ENE	Calm	Calm	27.7	51	49.1	26.4	154.2	6	Ci.	Cu. E	3	Ci.	Cu. ENE
16	Calm	Calm	NE	NE	NE	NE	15.8	41.3	55.7	58.9	171.7	10	Ci.-S.	Cu. NE	3	Ci.	Cu. NE
17	NE	NE	NNE	E	NNE	N	72.7	85.6	77.9	58.9	295.1	10	Ci.-S.	Cu. NE	10	Ci.-S.	S.-Cu. NNE
18	N	N	N	NW	NW	Calm	56.3	48.9	52.5	12.7	170.4	10	Ci.-S.	Cu. N	10	Ci.-S.	Cu. WNW
19	Calm	Calm	N	N	Calm	Calm	9.7	40.4	45.4	9.1	104.6	6	Ci.	Cu. WNW	4	Ci.	Cu. NW
20	Calm	Calm	Calm	N	Calm	Calm	19	24.7	39.1	9.7	92.5	10	Ci.-S.	Cu.	3	Ci.	Cu. NNW
21	Calm	Calm	N	N	Calm	Calm	17.5	31.9	44.6	7.5	101.5	10	Ci.-S.	Cu. WNW	5	Ci.	Cu. WNW
22	Calm	Calm	NNE	NNE	Calm	Calm	10.8	33	44.1	9.7	97.6	10	Ci.-S.	Cu.	4	Ci.	Cu. WNW
23	Calm	Calm	NNE	NNE	Calm	Calm	12.4	27.9	43.7	16.7	100.7	0	Ci.	Cu.	2	Ci	Cu. WNW
24	Calm	Calm	ENE	ENE	ENE	Calm	10.2	27.7	43.8	17.7	99.4	2	Ci.	Cu.	2	Ci	Cu.
25	Calm	Calm	ENE	ENE	ENE	Calm	10.5	41.6	56.9	18	127	1	Ci.	Cu.	1	Ci	Cu.
26	Calm	Calm	ENE	ENE	ENE	Calm	11.5	33.6	50.5	21.2	121.8	2	Ci.	Cu.	3	Ci	Cu. ENE
27	Calm	Calm	ENE	ENE	ENE	Calm	10.8	36.5	56.1	21.9	125.3	4	Ci.	Cu. NE	3	Ci	Cu. ENE
28	Calm	Calm	ENE	NE	Calm	Calm	10.5	39.9	55.8	18.2	124.4	1	Ci.	Cu.	10	Ci.-S.	Cu. NE
29	Calm	Calm	ENE	ENE	Calm	Calm	13.7	37.6	44.3	17.9	113.5	7	Ci.	Cu. ENE	8	Ci.-S.	Cu. ENE
30	Calm	Calm	ENE	ENE	Calm	Calm	12.6	44.5	59.5	17.7	134.3	6	Ci.	Cu. ENE	3	Ci	Cu. ENE
Mean	------	------	------	------	------	------	31.9	50.9	59.1	34.1	176	6.2	----------	----------	5.4	----------	----------
Total	------	------	------	------	------	------	-----	-----	-----	-----	5,281	----	----------	----------	----	----------	----------

PARACALE.

[ϕ=14° 17′ N; λ=122° 47′ E; barometer above sea, 5.3 meters; gravity correction not applied, —1.73 mm.]

MAY, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a.m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.80	59.28	60.70	58.09	58.78	59.48	59.19	26.8	26.9	30.4	30.7	28.1	27.5	28.4	31.8	26.2	82	81	68	67	77	81	76	
2	58.24	58.38	59.09	57.55	57.41	58.78	58.24	27.2	27.4	29.5	30.1	28	27.8	28.3	31.2	27	83	81	75	73	82	82	79.3	5.1
3	56.93	57.15	58.46	57.30	57.25	58.61	57.62	27.6	26.4	29	26	26.5	25.9	26.9	29.4	25	81	89	79	92	92	90	87.2	44.4
4	57.51	57.61	58.88	57.47	58.59	59.43	58.25	26.4	26.6	28.4	28.7	25.4	26	26.9	28.8	24.7	89	87	81	83	96	91	87.8	48.8
5	57.80	57.90	59.04	57.48	57.92	59.21	58.22	26.6	27.2	29.4	29	27.7	27.5	27.9	30	26.3	87	83	78	81	87	86	83.7	1.8
6	57.97	58.15	58.96	57.54	58.43	58.80	58.31	27.3	27.4	29.4	26	23.4	23.6	26.2	30.8	23.2	85	83	79	92	97	99	89.2	48.2
7	57.30	57.34	58.43	57.13	57.66	59.11	57.83	26.6	26	29.4	30.5	28.2	27.7	28.1	31.2	25.2	87	92	83	76	83	84	84.2	9.9
8	58.29	58.92	60.39	58.50	59.08	60.01	59.20	27	26.6	27.5	30.4	28	27.5	27.8	31.4	24.9	86	87	92	76	81	83	84.2	26.2
9	59.53	59.79	60.69	59.16	59.51	60.63	59.88	27	25.6	29.3	29.8	27.4	27	27.7	30.9	24.3	85	95	76	79	87	88	85	34.3
10	59.41	59.49	60.01	58.25	58.41	59.51	59.18	25	25.5	29.5	30.5	27.8	26.9	27.5	31.3	24.5	97	96	81	75	86	90	87.5	9.4
11	58.45	58.50	59.32	57.26	57.83	58.85	58.37	25.4	25	30	31	26.1	25.3	27.1	31.4	24.4	95	97	71	75	92	96	87.7	5.6
12	58.18	58.70	59.36	57.63	57.71	59.36	58.49	24.3	24	30.2	31	27	24.9	26.9	31.1	23.8	97	97	77	72	88	96	87.8	6.4
13	57.95	58.56	58.75	57.06	57.31	58.56	58.03	24.5	24.5	27.8	30.4	27.5	24.6	26.6	30.8	24.5	96	96	86	72	84	93	87.8	
14	56.96	57.55	57.80	56.27	56.62	58.16	57.23	24.2	24.2	28.6	29	27	25.4	26.4	30.6	24	97	97	78	83	89	95	89.8	2.8
15	56.54	56.75	58.13	56.91	56.88	58.89	57.35	25.1	24.5	30.3	28.5	27.5	26.3	27	30.6	24	95	96	74	78	81	90	85.7	
16	58.30	58.88	60.18	58.58	59.45	60.66	59.34	25.2	24.8	29.1	31	27.8	25	27.2	32.2	24.4	95	95	74	64	80	95	83.8	2.5
17	59.60	59.89	61.02	59.26	59.23	60.84	59.97	24.1	23.5	30	31.4	28.4	26.1	27.2	31.6	23.4	96	96	75	70	77	89	83.8	
18	59.43	59.48	60.35	58.14	57.75	58.73	58.98	24.6	24.4	30.7	31.5	29	28	28	32.2	24	95	97	72	66	78	81	81.5	
19	58.03	58.38	58.95	57.21	57.26	58.83	58.10	25.2	25	30.8	31.8	29	26.4	28	32	24.8	95	96	68	67	78	90	82.3	
20	57.93	58.50	58.84	57.84	57.90	59.09	58.35	25	24.4	30.6	27.5	29	25.7	27	32.2	24.3	92	95	73	88	81	94	87.2	58.2
21	58.03	58.09	58.60	57.23	57.52	58.43	57.98	24.6	24	31.6	29.9	29.5	26.6	27.7	32.5	23.9	95	96	68	75	75	92	83.5	
22	57.40	57.89	58.83	57.52	58.06	58.93	58.10	25.4	24.9	26.6	25	25.4	25	25.4	31.8	24.5	97	96	87	80	97	96	92.2	14.9
23	57.95	58.35	59.10	57.58	57.48	58.33	58.13	24.1	23.5	30.1	31.1	29	26.8	27.4	32	23.2	96	97	73	67	74	88	82.5	17
24	57.75	58.71	59.39	57.90	57.50	58.67	58.32	25	24.8	26	30.4	28.5	27.3	27	31.2	24.8	97	97	92	74	82	87	88.2	10
25	57.88	58.25	58.90	57.56	57.76	58.91	58.21	26.6	26	30.8	30.9	29	28	28.6	32.2	25.8	92	96	76	74	80	82	83.3	4
26	57.23	57.34	58.15	56.58	56.97	57.88	57.36	27.7	27	30	30.4	27.4	27.4	28.3	31.1	26.8	84	89	82	78	89	89	85.2	7.6
27	56.72	57.38	57.66	55.86	55.98	57.94	56.92	26.4	26	30.4	31.5	28.8	26	28.2	31.6	25.3	92	92	76	69	82	92	83.8	
28	56.30	56.43	57.78	55.96	56.43	57.95	56.81	25	25	31.5	31.7	27.5	25.2	27.6	32.2	24.4	97	97	69	68	84	94	84.8	.5
29	56.80	57.05	57.23	55.70	56.52	58.26	56.93	24	24	31	31.7	29	26.4	27.7	32.4	23.7	96	96	73	70	78	93	84.3	
30	57.40	58.09	58.31	56.72	57.04	58.58	57.69	25.2	24.8	31	32	29.1	26	28	32.4	24.5	95	95	72	69	78	92	83.5	
31	57.70	57.79	58.56	57.24	57.27	59.19	57.96	25.2	24.5	31.6	32.3	29	25	27.9	32.5	24.3	94	96	65	63	71	92	80.2	
Mean	57.88	58.21	59.03	57.43	57.73	58.99	58.21	25.6	25.3	29.7	30.1	27.8	26.3	27.4	31.4	24.6	91.9	93	76.5	74.7	83.4	90	84.9	
Total																								357.6

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	ENE	ENE	ENE	ENE	ENE	ENE	37.2	52.9	58.5	54.1	202.7	6	Ci.	Cu.	4	Ci.	Cu. NE
2	NE	NE	NE	NE	NE	NE	58.2	77.7	84.7	70.6	291.2	5	Ci.	Cu. NE	10	Ci.-S.	S.-Cu. NE
3	NNE	NNE	NNE	NE	NE	ENE	87.7	99.5	89.9	90.3	367.4	10	Ci.-S.	Cu. NNE	10	Ci.-S.	S.-Cu. NE
4	ENE	ENE	ENE	ENE	ENE	NE	76.1	63.6	83.9	60.9	284.5	10	Ci.-S.	S.-Cu. ENE	10	Ci.-S.	Cu. ENE
5	NE	NE	NE	NE	Calm	NE	96.6	90.1	83.5	74.2	344.4	10	Ci.-S.	Cu. NE	10	Ci.-S.	Cu. NE
6	NE	NE	NE	Calm	Calm	Calm	92.5	84.5	44.9	9.7	231.6	7	Ci.	Cu. NE	10	Ci.-S.	s.-Cu. ENE
7	ENE	Calm	E	E	E	Calm	38.3	54.7	63.3	42.3	198.6	7	Ci.	Cu. E	6	Ci.	Cu. E
8	ENE	ENE	Calm	ENE	ENE	ENE	38.3	40.5	68.1	50.7	197.6	6	Ci.	Cu. E	6	Ci.	Cu. E
9	ENE	Calm	E	E	Calm	E	39.6	44.9	58.1	48.8	191.4	6	Ci.	Cu. E	8	Ci.	Cu. E
10	Calm	ENE	ENE	NE	NE	Calm	44.6	47.3	55.5	23	170.4	8	Ci.-S.	Cu. E	6	Ci.	Cu. NE
11	Calm	Calm	E	E	Calm	Calm	10.3	47.7	38.6	11.3	107.9	4	Ci.	Cu. E	4	Ci.	Cu. ENE
12	Calm	Calm	ENE	ENE	Calm	Calm	8	32.4	31.6	10.8	82.8	10	Ci.-S.	Cu.	6	Ci.	Cu. WSW
13	Calm	Calm	Calm	ENE	Calm	Calm	11.1	23.3	30.4	18.3	83.1	10	Ci.-S.	Cu.	8	Ci.-S.	Cu. W
14	Calm	Calm	Calm	Calm	Calm	Calm	13.9	24.7	25.2	19.9	83.7	10	Ci.-S.	Cu.	8	Ci.-S.	Cu. NE
15	Calm	Calm	NE	Calm	Calm	Calm	12.6	34.8	42.9	9.2	99.5	10	Ci.-S.	Cu.	10	Ci.-S,	Cu. E
16	Calm	Calm	ENE	ENE	Calm	Calm	11	34.3	56.1	16.3	117.7	8	Ci.-S.	Cu.	4	Ci.	Cu.
17	Calm	Calm	ENE	ENE	Calm	Calm	12.6	38.4	57.6	28	136.6	4	Ci.	Cu. E	7	Ci.	Cu. E
18	Calm	Calm	ENE	ENE	Calm	E	14	34.8	56.6	30	135.4	2	Ci.	Cu.	3	Ci.	Cu. E
19	Calm	Calm	NE	NE	Calm	Calm	9.2	38.1	47.8	14.7	109.8	0	----------	Cu.	4	Ci.	Cu. E
20	Calm	Calm	E	Calm	Calm	Calm	11.6	32.7	24.9	9.2	78.4	2	Ci.	Cu.	4	Ci.	Cu.
21	Calm	Calm	ENE	ENE	Calm	Calm	11.3	32.4	42.1	9.9	95.7	2	Ci.	Cu. E	7	Ci.	Cu. E
22	Calm	Calm	Calm	SE	Calm	Calm	8.7	29	30.8	11.1	79.6	8	Ci.-S.	Cu. E	10	Ci.-S.	Fr.-N. E
23	Calm	Calm	NE	NE	Calm	Calm	11.1	38.8	55.7	15.9	121.5	0	Ci.	Cu.	4	Ci.	Cu. NE
24	Calm	Calm	Calm	NE	NE	Calm	12.3	20.7	36	28.5	97.5	10	Ci.-S.	Cu. E	10	Ci.-S.	Cu. E
25	Calm	Calm	ENE	ENE	ENE	ENE	14	39.4	63.3	42.9	159.6	10	Ci.-S.	Cu. E	6	Ci.	Cu. ENE
26	ENE	ENE	ENE	E	E	E	56.5	76.9	73.4	28	234.8	4	Ci.	Cu. ENE	10	Ci.-S.	Cu. E
27	Calm	Calm	E	E	E	Calm	14	48.1	53.9	11.6	127.6	4	Ci.	Cu. E	4	Ci.	Cu. E
28	Calm	Calm	ENE	ENE	ENE	Calm	5	42.8	42.3	12.1	102.2	2	Ci.	Cu.	7	Ci.	Cu. E
29	Calm	Calm	ENE	E	Calm	Calm	10.3	37.6	50.2	10.3	108.4	4	Ci.	Cu.	6	Ci.	Cu. E
30	Calm	Calm	Calm	NE	Calm	Calm	14.5	26.8	38.8	11.1	91.2	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. NW
31	Calm	Calm	E	E	Calm	Calm	10.8	34.6	46.2	9.2	100.8	6	Ci.	Cu.	8	Ci.	Cu.
Mean							28.8	45.9	52.7	28.5	155.9	6.3	----------	----------	6.9	----------	----------
Total											4,833.6						

PARACALE.

[$\phi = 14°\ 17'$ N; $\lambda = 122°\ 47'$ E; barometer above sea, 5.3 meters; gravity correction not applied, —1.73 mm.]

JUNE, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.69	57.77	58.61	57.16	57.31	58.98	57.92	23.8	23.6	30.8	31.6	29	24.7	27.2	32.2	23	93	95	69	62	71	92	80.3	------
2	57.10	57.36	57.77	55.92	55.82	57.77	56.96	23.3	23.8	30.8	31.9	29.1	25.2	27.4	32	23	97	96	72	65	70	92	82	------
3	56.80	57.01	57.71	56.26	56.47	58.07	57.05	23.6	23.4	31	32.5	29	26.6	27.7	32.5	23	95	94	69	66	78	93	82.5	------
4	56.80	56.93	57.42	56.83	56.91	58.08	57.16	25.2	25	32.8	29.5	28.4	25.5	27.7	33.2	24.7	95	92	68	78	78	94	84.2	4.3
5	56.63	57.24	57.88	56.26	56.14	57.57	56.95	24.6	24.5	30.5	32.5	29.5	26.5	28	32.5	24.3	95	96	78	66	75	92	83.7	.5
6	56.78	56.58	56.95	55.66	54.88	57.08	56.32	25	24.8	31	32.4	28.5	25.1	27.8	33	24.5	97	97	72	66	85	94	85.2	13.5
7	56.10	56.56	56.93	54.81	55.38	56.61	56.06	24.2	24.5	29.7	31.4	26	25.2	26.8	31.4	24.1	97	96	79	72	88	95	87.8	2.3
8	55.79	55.80	56.24	55.07	54.97	56.75	55.77	24.4	24.3	29.8	31.3	27.2	24.6	26.9	32.8	24	97	97	75	68	87	97	86.8	70.9
9	55.85	55.92	56.20	54.91	55.31	57.05	55.87	24	24	29.4	30.2	28	25.6	26.9	30.4	23.5	97	97	76	70	83	93	86	------
10	55.63	56.37	56.73	55.17	55.43	56.68	56	24	24	29.7	29.7	28	24.5	26.6	30.5	23.8	96	96	73	75	85	96	86.8	.8
11	55.50	56	56.09	53.61	54.84	55.58	55.19	24.4	24.5	29	31	26	25.4	26.7	32	24.3	97	96	78	75	95	97	89.7	35.3
12	54.58	54.36	53.94	52.22	53.63	54.95	53.95	25	24.6	27.2	29.4	26	25.1	26.2	31.5	24.4	97	97	85	79	92	97	91.2	26.9
13	53.52	53.46	53.33	53.02	54.09	54.95	53.73	24.6	25	29.3	29.7	27.7	26	27	30.3	24.4	95	92	76	73	83	88	84.5	.5
14	53.96	54.30	55.21	54.71	55.63	56.20	55	25.3	25.4	30	28.9	27	24.6	26.9	30.8	24.5	93	91	77	86	92	92	88.5	2.5
15	54.48	54.43	55.09	54.16	54.23	55.72	54.68	25.2	26	29.4	31	28.8	26.9	27.9	32.3	24.7	90	89	80	69	82	90	83.3	------
16	54.45	54.54	54.98	53.47	53.96	55.91	54.54	25.4	25.5	32.2	33.1	29.5	27.4	28.8	34	25	97	94	69	63	78	89	81.7	------
17	54.66	55.25	55.97	54.59	55.03	56.84	55.39	26.1	26.1	31.3	30.3	27.3	26	27.8	32.2	25.2	91	91	73	78	82	89	84	------
18	56.35	56.69	57.18	55.57	56.66	57.96	56.74	25.1	24.7	30.5	32	29.3	25.7	27.9	32.5	24.4	91	95	77	67	81	94	84.2	10.4
19	56.80	57.25	57.44	55.65	56.16	57.70	56.83	25	24.4	28.9	30.5	26.3	25.5	26.8	31.1	24.4	95	97	86	76	93	96	90.5	3.3
20	56.83	57.30	57.23	55.85	56.06	57.33	56.77	24.4	24.4	29.4	31	29.4	26.7	27.6	32.3	24	97	97	74	64	75	86	82.2	------
21	56.45	56.89	56.47	55.81	55.96	57.97	56.59	25.7	25	31	27.6	27.5	24	26.8	33.6	24	89	92	77	87	88	91	87.3	2.1
22	57.25	57.46	57.92	57.75	57.74	58.95	57.84	23.8	24	30	25.7	24.9	23.9	25.4	30	23.3	91	89	75	90	88	97	88.3	3.3
23	58.20	58.57	59.04	58.21	58.43	60.03	58.75	23.2	23.4	29.8	30	28.5	25.5	26.7	31.6	23	98	97	73	69	78	93	84.7	------
24	58.83	59.53	59.96	58.62	59.19	60.44	59.43	24.6	24.2	29.5	31.5	28	25.5	27.2	32.3	24	95	97	76	70	82	96	86	2.3
25	59.91	60.33	60.61	59	59.08	60.63	59.93	25.1	24.5	30	31.4	28.5	26	27.6	32.1	24.5	96	98	75	71	81	94	85.8	------
26	59.15	59.77	59.91	58.80	58.81	60.18	59.35	25.2	24.6	31	30.4	28	25.5	27.4	32.2	24.3	95	96	67	70	81	96	84.2	------
27	58.80	58.90	59.17	57.50	57.79	59.33	58.58	24.4	24.1	30.8	32	29	26.1	27.7	32.4	23.8	97	96	70	66	78	95	83.7	------
28	58.35	58.68	59.18	57.64	57.95	60.01	58.64	25	25.4	31.2	30.8	29.2	26.1	28	33.3	24.6	96	94	69	70	80	91	83.3	3.8
29	58.93	59.65	60.27	59.13	58.43	59.86	59.38	24.9	24.5	26	30.4	27.9	26.6	26.7	31.1	24.4	95	95	92	73	81	90	87.7	21
30	59.05	59.50	59.43	57.73	58.02	59.16	58.82	24.2	24.3	29	31.1	29.2	26.4	27.4	31.6	24	97	97	76	72	74	92	84.7	------
Mean	56.71	57.01	57.36	56.02	56.33	57.81	56.87	24.6	24.6	30	30.7	28	25.6	27.2	32	24.1	95	94.9	75.2	71.9	82.1	93	85.4	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	203.7

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Mid-night.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	Calm	ENE	ENE	Calm	Calm	12.7	32.7	42.8	9.4	97.6	5	Cl.	Cu. NE	4	Ci.	Cu. NE
2	Calm	Calm	NE	NE	Calm	Calm	13.4	33.5	37.3	8.3	92.5	5	Cl.	Cu.	5	Ci.	Cu.
3	Calm	Calm	NE	NE	Calm	Calm	11.8	30	40.8	9.1	91.7	4	Cl.	Cu.	3	Ci.	Cu.
4	Calm	Calm	NE	WSW	Calm	Calm	8.9	32.5	27.7	12.1	81.2	3	Cl.	Cu.	10	Ci.-S.	S.-Cu. W
5	Calm	Calm	ENE	ENE	Calm	Calm	11.1	31.7	56.5	9.5	108.8	5	Cl.	Cu.	7	Ci.	Cu. E
6	Calm	Calm	ENE	ENE	Calm	Calm	10.8	35.7	37.8	15.5	99.8	6	Cl.	Cu.	10	Ci.-S.	Cu. E
7	Calm	Calm	NE	NE	Calm	Calm	12.6	29.6	38.9	12.3	93.4	10	Ci.-S.	Cu. E	7	Ci.	Cu. ESE
8	Calm	Calm	E	Calm	Calm	Calm	12.7	30.6	33.2	19.9	96.4	3	Ci.	Cu.	10	Ci.-S.	Cu.
9	Calm	Calm	E	E	Calm	Calm	13.9	18.3	40.2	13.2	85.6	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. E
10	Calm	Calm	ENE	ENE	Calm	Calm	12.7	24.7	33.8	17.9	89.1	6	Ci.	Cu.	10	Ci.-S.	Cu. E
11	Calm	Calm	ENE	ENE	Calm	Calm	13.7	17.2	35.2	5.4	71.5	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. E
12	Calm	Calm	SW	SW	Calm	Calm	5.9	24.1	30.3	8.2	68.5	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. SW
13	Calm	Calm	S	SSW	Calm	Calm	14.5	38.3	37.3	17.5	107.6	10	Ci.-S.	Fr.-N.	10	Ci.-S.	Cu. SSW
14	Calm	Calm	Calm	Calm	Calm	Calm	18.2	23.9	19	12.7	73.8	10	Ci.-S.	Cu.	10	Ci.-S.	Fr.-N. SSW
15	SSW	Calm	SSW	SSW	Calm	Calm	21.7	23.3	31.9	7.5	84.4	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. SSW
16	Calm	Calm	SW	SW	SW	Calm	6.6	35.4	42.4	17.1	101.5	7	Ci.	Cu.	8	Ci.-S.	Cu. SW
17	Calm	Calm	E	E	Calm	Calm	13.1	23.6	24.7	9.1	70.5	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. SW
18	Calm	Calm	Calm	ENE	Calm	Calm	12.1	24.7	38.9	13.1	88.8	10	Ci.-S.	Cu.	8	Ci.-S.	Cu. ENE
19	Calm	Calm	Calm	ENE	Calm	Calm	13.1	23	25.9	7.2	69.2	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. E
20	Calm	Calm	ENE	Calm	Calm	Calm	6.6	27.9	22.3	15.3	72.1	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
21	Calm	Calm	Calm	Calm	ENE	Calm	10	28	26.2	23.1	87.3	10	Ci.-S.	Cu.	10	Ci.-S.	S.-Cu. SW
22	Calm	ENE	ENE	Calm	Calm	Calm	14.3	22.5	17.7	8.9	63.4	10	Ci.-S.	Cu.	10	Ci.-S.	S.-Cu. SW
23	Calm	Calm	ENE	ENE	Calm	Calm	4.6	24.9	35.2	8.9	73.6	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
24	Calm	Calm	Calm	ENE	Calm	Calm	9.1	23.5	35.2	10.5	78.3	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. E
25	Calm	Calm	ENE	NE	Calm	Calm	11.9	24.3	31.4	7.2	74.8	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
26	Calm	Calm	Calm	NE	Calm	Calm	9.4	26.8	24.3	10.3	70.8	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. SW
27	Calm	Calm	NE	NE	Calm	Calm	10.2	29	25.1	10.5	74.8	7	Ci.	Cu.	8	Ci.-S.	Cu. E
28	Calm	Calm	NE	Calm	Calm	Calm	9.2	27.9	28.5	9.1	74.7	4	Ci.	Cu.	10	Ci.-S.	Cu. SW
29	Calm	Calm	Calm	NNE	Calm	Calm	15.1	12.7	30.1	14.5	72.4	10	Ci.-S.	Cu. E	10	Ci.-S.	Cu. E
30	Calm	Calm	Calm	E	ENE	Calm	10.2	19.1	43.8	12.7	85.8	5	Ci.	Cu.	4	Ci.	Cu. E
Mean	------	------	------	------	------	------	11.7	26.6	33.1	11.9	83.3	8	----------	----------	8.8	----------	----------
Total	------	------	------	------	------	------	------	------	------	------	2,499.9	----	----------	----------	----	----------	----------

PARACALE.

[ϕ=14° 17′ N; λ=122° 47′ E; barometer above sea, 5.3 meters; gravity correction not applied, —1.73 mm.]

JULY, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.80	58.34	58.89	57.73	57.64	58.66	58.18	24.4	24	30.1	29.2	27.8	25.3	26.8	32.1	24	97	96	72	74	86	93	86.3	0.5
2	58.10	58.44	58.88	57.72	58.20	58.76	58.35	24.1	24.7	27	26.4	26.7	25	25.6	28.5	23.9	96	97	89	87	89	96	92.3	8.7
3	57.95	58.15	58.99	57.28	57.46	58.38	58.04	24.2	24.4	30.4	30.4	28.1	27.6	27.5	32	24	98	98	76	76	84	82	85.7	4.3
4	57.53	57.56	58.28	57.38	58.09	59.19	58	25.4	25.2	30.4	29.5	26.1	24.7	26.9	32.5	24.4	95	95	66	78	93	97	87.3	3.8
5	58.58	58.89	58.96	57.91	58.23	59.69	58.71	24.2	24.3	29.8	31.5	26.9	25.4	27	32	24	98	97	71	66	86	93	85.2	------
6	58.90	59.16	60.17	58.36	59.05	60.67	59.38	25.2	24.9	28.8	30.5	25.4	24.2	26.5	31.5	23.8	93	93	78	72	89	95	86.7	------
7	59.12	59.80	59.96	58.80	58.85	59.95	59.41	23.3	23	29.9	32	29.8	26.6	27.4	32.1	22.9	96	96	75	65	73	91	82.7	2.8
8	58.23	58.94	58.92	57.46	57.63	58.95	58.36	25	24.4	30.8	31.4	29.1	25.6	27.7	32	24.3	95	97	71	68	81	93	84.2	------
9	58.21	58.80	59.15	57.82	58.06	59.27	58.55	24.6	24	29.4	32.3	27.8	25.3	27.2	33.1	23.8	95	96	77	65	84	96	85.5	4.6
10	58.53	59.20	59.67	58.54	58.63	59.71	59.05	24.4	23.6	31.5	32.5	28	26.5	27.8	32.5	23.5	97	97	71	65	85	93	84.7	3.5
11	59.10	59.23	59.78	58.62	58.77	59.91	59.24	25.4	24.8	30.5	31.5	29.8	26.3	28	33	24.5	97	95	75	66	73	92	83	2.1
12	58.43	59.15	59.65	58.51	58.12	59.91	58.96	25.4	25	30.6	32.4	29	27.4	28.3	32.5	24.5	95	96	74	62	81	84	82	7.1
13	58.60	59.15	59.63	58.58	58.56	60.37	59.15	25.6	25	31.4	30	29	25.5	27.8	32.3	24.6	95	97	68	73	78	96	84.5	20.1
14	58.65	58.71	59.11	57.81	58.28	59.93	58.75	25.2	25	30.3	31	28.5	26.5	27.8	32.1	24.7	96	96	76	72	81	93	85.7	------
15	58.73	58.83	59.33	58.27	57.97	59.12	58.71	25.2	24.5	30.2	31.8	29.5	29	28.4	31.8	24.4	95	96	71	65	76	78	80.2	.5
16	58.23	58.53	58.78	57.19	56.96	58.30	58	28.2	25.2	28.3	28.6	28	25.5	27.3	30	24.7	80	92	83	80	85	96	86	14.7
17	57.43	57.64	58.12	57.03	57.01	58.15	57.56	24	24.2	27.3	28	27.5	26.5	26.2	29.3	24	98	98	90	83	85	91	90.8	1.8
18	57.03	57.33	57.98	57.16	57.26	58.85	57.60	25	24.8	29	28.5	24.8	24.2	26	30	24	95	97	81	85	93	96	91.2	30.3
19	57.84	57.86	58.24	56.43	57.03	58.43	57.64	23.8	23.6	29	31	28.7	26	27	31.6	23.5	97	98	78	72	78	93	86	------
20	57.50	57.60	57.94	56.05	56.79	57.98	57.31	24.7	24.2	30	31.4	30	26.5	27.8	32.6	24	94	96	69	70	71	92	82	6.9
21	57.30	57.60	58.05	56.15	56.43	57.35	57.15	25.6	24.5	28.5	31.2	29.3	25.8	27.5	32.2	24.5	95	96	78	69	72	93	83.8	4.6
22	56.13	56.52	56.88	55.20	55.44	56.40	56.10	24.9	24.4	31.3	30	27	25.6	27.2	32.2	24	96	97	69	75	90	95	87	12.7
23	55.28	55.29	55.41	53.71	54.44	55.97	55.01	25.5	25	31.2	33.4	29.5	27	28.6	34.7	25	96	96	69	65	81	89	82.7	------
24	54.78	55.36	55.98	54.72	55.21	56.67	55.45	26.8	26.2	31.2	31	30	27.3	28.8	33.2	26	89	92	72	75	78	86	82	------
25	56.40	56.69	57.16	55.54	56.32	57.60	56.62	26.1	25.5	31.8	32.6	27.2	25.7	28.2	34.4	25.3	91	92	67	61	81	89	80.2	1.3
26	56.33	56.43	56.53	54.91	55.44	56.79	56.07	25.8	25.4	30.4	31.3	30	25.5	28.1	34.5	25.3	88	91	72	71	75	93	81.7	.5
27	56.03	56.13	55.91	54.74	55.02	56.81	55.77	25.2	25.2	31.7	34	31	26.6	29	35	25	94	94	64	57	69	90	78	------
28	55.78	55.84	56.50	55.08	55.36	56.85	55.90	26	25.3	32.5	33.2	30.1	27.5	29.1	35.3	24.9	92	95	66	69	71	84	79.5	------
29	55.98	56.04	57.02	56.02	55.90	57.33	56.38	26.1	25.8	32.7	28	27.5	26.7	27.8	34.8	25.5	91	93	62	85	88	93	85.3	17.5
30	56.59	56.68	56.93	55.76	55.35	57.67	56.50	25	25	31.8	32.8	30	26.6	28.5	33.6	25	96	96	62	65	75	94	81.3	------
31	56.93	57.04	57.16	55.56	55.84	57.75	56.71	25.9	25.5	31	32.2	30.2	27.7	28.8	33.2	25	96	96	72	65	75	91	82.5	.5
Mean	57.48	57.77	58.19	56.84	57.08	58.43	57.63	25.2	24.7	30.3	31	28.5	26.2	27.6	32.5	24.4	94.4	95.5	73	71	80.8	91.5	84.4	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	148.8

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Mid-night.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	Calm	NE	NE	Calm	Calm	9.2	34.9	39.6	12.7	96.4	3	Ci.	Cu.	10	Ci.-S.	Cu. E
2	Calm	Calm	Calm	Calm	Calm	Calm	13.1	19.9	16.7	7.7	57.4	10	Ci.-S.	S.-Cu. ENE	10	Ci.-S.	Cu.
3	Calm	Calm	ENE	ENE	Calm	Calm	11.5	89.9	56.6	46.7	154.7	10	Ci.-S.	S.-Cu. ENE	10	Ci.-S.	Cu. ENE
4	Calm	Calm	SE	SE	Calm	Calm	13.2	13.2	32.2	7.4	66	10	Ci.-S.	Cu. ENE	10	Ci.-S.	S.-Cu. SE
5	Calm	Calm	NE	NE	Calm	Calm	8.9	24.4	31.9	18	83.2	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. SW
6	Calm	Calm	NE	NE	Calm	Calm	10	20.1	30.6	13.5	74.2	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. WSW
7	Calm	Calm	NE	NE	Calm	Calm	10.7	31.9	46.9	19.5	109	2	Ci.	Cu.	4	Ci.	Cu. E
8	Calm	Calm	NE	NE	Calm	Calm	11.5	27.7	27.9	11.9	79	4	Ci.	Cu.	8	Ci.-S.	Cu. E
9	Calm	Calm	NE	NE	Calm	Calm	9.9	31.6	45.6	13.7	100.8	4	Ci.	Cu.	3	Ci.	Cu.
10	Calm	Calm	NE	NE	Calm	Calm	11.6	32.5	55	19.5	118.6	2	Ci.	Cu.	5	Ci.	Cu. E
11	Calm	Calm	NE	NE	NE	Calm	11.6	29.5	47.7	16.3	105.1	10	Ci.-S.	Cu. ENE	6	Ci.	Cu. E
12	Calm	Calm	NE	NE	NE	Calm	8.9	24.3	49.3	29.5	112	10	Ci.-S.	Cu. E	4	Ci.	Cu.
13	Calm	Calm	NE	Calm	NE	Calm	9.9	33.2	32.2	19	94.3	4	Ci.	Cu.	10	Ci.-S.	Cu. E
14	Calm	Calm	E	E	Calm	Calm	11	40	56	6.9	113.9	10	Ci.-S.	Cu. E	10	Ci.-S.	Cu. E
15	Calm	Calm	E	E	Calm	ENE	11.5	29.2	42	37.3	120	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. E
16	NE	Calm	NE	ENE	ENE	Calm	33.5	35.9	46.2	19.8	135.4	10	Ci.-S.	S.-Cu. ENE	10	Ci.-S.	Cu. ENE
17	Calm	Calm	Calm	Calm	Calm	Calm	12.1	15.1	34.4	15.5	77.1	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. NE
18	Calm	Calm	ENE	Calm	Calm	Calm	11.6	25.1	19.9	14.3	70.9	10	Ci.-S.	Cu. ENE	10	Ci.-S.	Cu. ENE
19	Calm	Calm	ENE	ENE	Calm	Calm	8.3	29.3	44.6	10.5	92.7	10	Ci.-S.	Cu.	6	Ci.	Cu.
20	Calm	Calm	Calm	NE	Calm	Calm	13.1	29	34.3	12.3	88.7	4	Ci.	Cu.	3	Ci.	Cu.
21	Calm	Calm	Calm	ENE	Calm	Calm	16.1	15.3	32	9.9	73.3	10	Ci.-S.	N.	2	Ci.	Cu.
22	Calm	Calm	NE	NE	Calm	Calm	9.9	24.4	22	8.2	64.5	1	Ci.	Cu.	10	Ci.-S.	Cu. SW
23	Calm	Calm	NE	NE	Calm	Calm	12.6	25.2	26.8	8.5	73.1	1	Ci.	Cu.	10	Ci.-S.	Cu. SW
24	Calm	Calm	SW	Calm	Calm	Calm	18.5	28.7	21.9	10.2	79.3	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. SW
25	Calm	Calm	NE	W	Calm	Calm	13.2	29.2	30.4	13.2	86	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. W
26	Calm	Calm	SW	Calm	Calm	Calm	19.9	30.8	31.6	19.8	102.1	3	Ci.	Cu.	7	Ci.	Cu. SW
27	Calm	Calm	SW	SW	Calm	Calm	22.5	39.9	36.4	11	109.8	3	Ci.	Cu.	6	Ci.	Cu. SW
28	Calm	Calm	Calm	NE	Calm	Calm	7	25.9	30.9	14.8	78.6	1	Ci.	Cu.	4	Ci.	Cu. SW
29	Calm	Calm	SW	Calm	Calm	Calm	12.4	27.9	26.2	11.1	77.6	1	Ci.	Cu.	10	----------	N.
30	Calm	Calm	Calm	NE	Calm	Calm	13.9	22.3	29.5	10.7	76.4	1	Ci.	Cu.	5	Ci.	Cu. SW
31	Calm	Calm	NE	NE	Calm	Calm	8	30.8	38.6	11.9	89.3	1	Ci.	Cu.	6	Ci.-S.	Cu.
Mean	------	------	------	------	------	------	12.7	28	36	15.5	92.2	6.3	----------	----------	7.7	----------	----------
Total	------	------	------	------	------	------	------	------	------	------	2,859.4	----	----------	----------	----	----------	----------

PARACALE.

[ϕ=14° 17′ N; λ=122° 47′ E; barometer above sea, 5.3 meters; gravity correction not applied, —1.73 mm.]

AUGUST, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P. ct.*	*mm.*
1	57.73	58.10	58.16	57.08	57.38	58.79	57.87	26.4	25.6	31.4	31	28.6	26	28.2	33	25.5	95	95	67	75	80	95	84.5	3
2	57.70	57.63	58.07	56.54	57.03	58.51	57.58	24.9	25.9	32	32.5	28.3	26.6	28.4	35	24.9	94	93	63	68	90	90	83	6.4
3	57.80	57.99	58.05	56.45	56.80	58.67	57.63	26.1	26.2	32.4	33.4	30.8	28	29.5	35	25.5	91	90	68	65	73	85	78.7	
4	58.38	58.45	58.73	57.07	57.58	58.95	58.19	26.8	26.5	32.3	35	31.5	27.8	30	36	26	92	94	63	57	69	81	76	
5	58.18	58.19	57.65	56.90	56.88	58.47	57.71	26.7	26.4	31.7	31	28.6	26.6	28.5	34.2	26	86	86	68	65	73	87	77.5	
6	57.55	57.64	57.69	56.45	56.98	58.36	57.44	25.8	25	30.8	32.7	29	26.9	28.4	34.1	24.9	90	92	67	64	76	86	79.2	
7	57.58	58.15	58.21	56.89	57.24	59.06	57.86	25.9	25.4	31	33.5	29	26.8	28.6	34.4	25.2	91	93	65	58	78	88	78.8	
8	57.95	58.08	58.51	56.14	56.84	58.16	57.60	26.1	24.8	32.5	33	31	27	29.1	35.7	24	91	93	58	61	71	88	77	
9	57.15	56.65	56.81	54.76	55.41	56.53	56.22	25.6	25.3	30.9	34	30	27.4	28.9	34.8	24.7	88	88	71	59	71	81	76.3	
10	54.49	54.54	55.07	53.71	54.18	54.86	54.48	27.1	27	32.5	32.5	27.7	26.5	28.9	34	26	83	86	64	66	89	90	79.7	6.4
11	54.05	53.79	53.98	52.58	53.23	55.15	53.80	25.9	27.2	30.7	33	29.8	27.9	29.1	33.9	25.9	89	83	72	58	73	82	76.2	
12	53.83	53.84	54.30	53.23	53.52	54.61	53.89	27.2	27.7	30.5	32.8	29.1	27.7	29.2	33.8	26.4	83	79	72	62	77	82	75.8	
13	53.65	53.91	54.62	54.09	54.87	56.91	54.68	25.2	26.5	32.5	34	30.5	27	29.3	34.6	25.2	92	88	63	60	72	92	77.8	3.8
14	56.13	56.45	57.22	56.30	57.08	59.07	57.04	26	25.7	32	32.3	29	27	28.7	34.4	25.1	89	92	66	62	81	86	79.3	
15	58.48	58.72	59.88	58.14	58.30	59.92	58.91	25	25.4	31.3	33	30.3	28	28.8	35.5	25	93	93	65	65	75	81	78.7	
16	58.68	58.90	58.40	57.59	56.66	58.17	58.07	26.2	26.4	32.2	31.4	29	26.6	28.6	35.2	25.3	94	93	65	66	78	87	80.5	
17	57.20	57.45	57.66	55.75	56.20	58.01	57.04	26	25.7	30.6	33.8	29.5	26.8	28.7	35	25	87	87	67	60	75	86	77	
18	57.18	57.13	57.17	55.39	56.26	58.41	56.92	26	26.5	32.5	33.5	29.5	27.2	29.2	34.4	25.5	85	84	60	56	71	77	72.2	
19	57.11	57.25	57.78	56.20	56.56	58.36	57.21	25.8	25.3	33	34.5	29.8	27.2	29.3	35.2	24.9	89	93	58	54	69	83	74.3	
20	57.38	57.49	57.78	56.03	56.97	59.12	57.46	26.2	26	33.5	35.7	31.5	25.4	29.7	36.2	24.5	86	88	58	51	69	88	73.3	.5
21	58.10	58.09	59.08	57.60	58.12	60.30	58.55	25	23.6	32.5	35.6	31	26.2	29	36	23.3	88	90	52	46	64	85	70.8	
22	59.63	59.68	59.97	58.15	58.76	60.55	59.46	25.2	24.5	32	33	29.5	26.5	28.4	34	23.8	90	93	60	60	72	89	77.3	
23	59.08	58.86	58.97	57.08	57.35	58.73	58.34	25.2	24.4	30.5	33.7	29.5	26.2	28.2	34	24	90	94	67	56	75	90	78.7	
24	57.70	57.74	58.11	56.19	56.89	58.81	57.57	25.1	24.3	33	33.4	29.4	25.8	28.5	34.9	23.5	92	93	57	60	79	87	78	
25	57.70	57.93	58.86	57.35	57.94	60.08	58.31	24.8	24.5	31.4	32.5	30.4	26.9	28.4	34.8	23.8	90	92	64	63	74	91	79	
26	59.10	59.28	60.11	58.59	58.71	60.28	59.34	25.7	25	32	32.3	28.3	25.7	28.2	34.2	24.4	94	93	62	62	74	90	79.2	
27	58.75	58.70	59.36	57.84	57.45	59.	58.52	24.8	24.4	31	32.2	29.6	28.8	28.5	33.6	23.9	95	97	72	66	74	78	80.3	
28	57.90	58.08	59.03	57.67	56.73	58.12	57.92	26.2	24.8	31.7	29	28	26.2	27.6	33.1	24.6	90	95	66	80	83	92	84.3	53.3
29	57.73	57.85	58.84	57.28	57.79	59.66	58.19	24.5	24	26.5	29	25.8	24.8	25.8	29.2	23.7	96	96	88	78	91	97	91	6.1
30	58.07	57.91	58.94	57.95	58.35	59.78	58.50	24.4	24	30.4	31	28.7	26.8	27.6	32.7	23.6	97	97	72	72	82	91	85.2	
31	58.90	59.30	59.93	58.67	59.31	59.72	59.30	24.5	23.8	31	32.2	29.4	26.4	27.9	32.2	23.6	96	97	69	66	79	89	82.7	
Mean	57.45	57.54	57.97	56.51	56.88	58.49	57.47	25.7	25.4	31.6	32.8	29.4	26.8	28.6	34.3	24.8	90.5	91.2	65.5	62.6	76	86.9	78.8	
Total																								79.5

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Mid-night.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	Calm	NE	Calm	Calm	Calm	12.1	25.4	22.8	9.9	70.2	3	Ci.	Cu.	10	Ci.-S.	Cu. SW
2	Calm	Calm	NE	NE	Calm	Calm	13.1	26.8	29.8	11.8	81.5	1	Ci.	Cu.	6	Ci.	Cu. SW
3	Calm	Calm	SW	SW	Calm	SW	17.2	33	36.4	22.2	108.8	2	Ci.	Cu.	6	Ci.-S.	Cu. SW
4	Calm	SW	SW	WSW	Calm	Calm	23.9	36.4	39.6	15.1	115	8	Ci.-S.	Cu.	3	Ci.	Cu. WSW
5	Calm	SW	SW	SW	SW	Calm	20.6	31.6	51	18.8	122	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. SW
6	Calm	Calm	SW	SW	Calm	Calm	14	31.6	29.6	11.6	86.8	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
7	Calm	Calm	SW	SW	Calm	Calm	11	32.7	34.8	11.8	90.3	3	Ci.	Cu.	10	Ci.-S.	Cu.
8	Calm	Calm	SW	SW	Calm	Calm	17.7	37.6	33	11	99.3	2	Ci.	Cu.	10	Ci.-S.	Cu.
9	Calm	Calm	SW	SW	Calm	Calm	17.7	29	36.8	16.1	99.6	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
10	Calm	Calm	SW	SW	Calm	Calm	21.4	32.4	32.5	14.8	101.1	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. SW
11	Calm	Calm	SW	SW	SW	Calm	21.9	44.6	49.1	23	138.6	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. SW
12	Calm	SW	SW	SW	Calm	Calm	20.7	43.1	51.3	22	137.1	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. SW
13	Calm	Calm	SW	SW	Calm	Calm	7.8	46.2	31.6	14	99.6	2	Ci.	Cu.	10	Ci.-S.	S.-Cu. SW
14	Calm	Calm	SW	W	Calm	Calm	15.9	40.8	39.6	15.3	111.6	2	Ci.	Cu.	6	Ci.-S.	Cu. W
15	Calm	Calm	Calm	Calm	Calm	Calm	14.7	23.8	35.2	14.7	88.4	6	Ci.-S.	Cu.	4	Ci.	Cu. SW
16	Calm	Calm	SW	SW	Calm	Calm	13.7	41.6	41	14.8	110.1	10	A.-Cu.	Cu. SW	10	Ci.-S.	Cu. SW
17	Calm	Calm	SW	SW	SW	Calm	19	38.1	47.2	19.5	123.8	10	Ci.-S.	Cu.	4	Ci.	Cu. SW
18	Calm	SW	SW	SW	SW	SW	19.5	49.4	55.8	26.6	151.3	5	A.-Cu.	Cu.	4	Ci.	Cu. SW
19	Calm	Calm	SW	SW	SW	Calm	13.9	34.9	51.3	15.3	115.4	6	A.-Cu.	Cu.	3	Ci.	Cu. SW
20	Calm	Calm	SW	SW	SW	Calm	11.6	34.6	32.7	25.2	104.1	6	A.-Cu.	Cu.	4	Ci.	Cu. W
21	Calm	Calm	SW	SW	Calm	Calm	14.2	30.1	33.2	11.9	89.4	3	A.-Cu.	Cu.	3	Ci.	Cu. SW
22	Calm	Calm	NE	NE	Calm	Calm	14.3	31.2	41.3	13.9	100.7	0	Ci.	Cu.	3	Ci.	Cu.
23	Calm	Calm	Calm	NE	Calm	Calm	17.4	25.7	37.5	13.1	93.7	2	Ci.	Cu.	3	Ci.	Cu.
24	Calm	Calm	NE	NE	Calm	Calm	12.7	24.9	27.7	10	75.3	7	Ci.	Cu.	10	Ci.-S.	Cu. SW
25	Calm	Calm	NE	NE	Calm	Calm	9.5	35.2	44.6	14.5	103.8	10	Ci.-S.	Cu.	8	Ci.-S.	Cu. SE
26	Calm	Calm	NE	NE	Calm	Calm	8.9	39.1	48	14.3	110.3	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
27	Calm	Calm	NE	NE	Calm	NE	11.9	32	46.5	38.1	128.5	10	Ci.-S.	Cu.	6	Ci.	Cu.
28	Calm	Calm	NE	Calm	Calm	Calm	13.9	28.8	24.1	15.3	82.1	4	Ci.	Cu. ESE	10	Ci.-S.	Cu.
29	Calm	Calm	Calm	NE	Calm	Calm	20.3	15.8	23.5	8.9	68.5	10	----------	N.	10	Ci.-S.	Cu.
30	Calm	Calm	NE	NE	Calm	Calm	12.3	23.3	37.3	10.5	83.4	8	A.-Cu.	Cu.	3	Ci.	Cu.
31	Calm	Calm	NE	NE	NE	Calm	12.7	29.3	48	11	101	1	Ci.	Cu.	3	Ci.	Cu.
Mean							15.3	33.2	38.4	16	102.9	6.2	----------	----------	7.1	----------	----------
Total											3,191.3						

PARACALE.

[ϕ=14° 17′ N; λ=122° 47′ E; barometer above sea, 5.3 meters; gravity correction not applied, —1.78 mm.]

SEPTEMBER, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.10	59.47	60.21	58.87	58.69	59.66	59.33	25.2	24.7	29.2	27.5	25.8	25.2	26.3	31.8	24.4	93	94	78	85	93	98	90.2	29.2
2	58.10	58.24	58.10	56.18	56.20	56.95	57.30	24.7	23.8	24.7	26.5	26.2	25.6	25.2	27.2	23.5	97	97	98	96	94	97	96.5	12.7
3	54.50	54.58	55.40	52.93	53.36	54.77	54.26	25	25.4	27	28.6	27.3	26.3	26.6	28.6	24.9	92	92	84	80	82	88	86.3	------
4	53.70	54.20	54.19	53.52	53.93	56.60	54.36	25.8	26	29.2	31.2	28	26.8	27.8	31.2	25.6	85	82	72	68	77	81	77.5	------
5	55.80	56.03	57.38	55.86	56.96	58	56.67	27	25.6	29.1	33.4	28.2	25.1	28.1	33.8	24.5	81	94	77	62	81	89	80.7	------
6	57.90	58.09	58.69	57.58	57.44	59.34	58.17	24.2	23.8	30.7	24.4	26.4	25	25.8	33.8	23.6	95	96	63	91	93	96	89	54.6
7	57.97	58.26	58.83	57.03	57.53	59.03	58.12	24.1	23.4	30.8	31.2	28.8	26	27.4	31.9	23.2	95	97	72	68	79	94	84.2	------
8	58.10	58.40	59.31	57.23	57.74	59.10	58.31	25	24.5	27	31.5	27.5	24.8	26.7	31.8	24.4	95	96	89	63	84	96	87.2	------
9	57.62	58.04	58.72	56.56	57.85	59.18	58	24	23.2	30.9	31.3	28.3	27.2	27.5	32	23	97	97	69	69	82	88	83.7	5.6
10	57.50	57.83	58.69	56.91	57.78	58.75	57.91	25	25.1	26.5	28.7	28	25.2	26.4	29.7	24.6	95	97	88	82	85	94	90.2	10.9
11	57.84	58.64	59.18	56.98	57.82	60.28	58.46	24.7	25.2	28	30.7	27	25.4	26.8	32	24	94	94	78	74	92	95	87.8	2.3
12	59.68	59.88	61.21	58.45	58.82	59.89	59.66	24.8	24.4	26.4	27.6	26.5	25.4	25.8	28.2	23.8	95	91	87	80	91	97	90.2	10.7
13	58.70	58.36	58.86	57.21	57.75	58.48	58.23	24.9	23.5	29.1	29.7	26	25.2	26.4	31.9	23.4	94	97	80	73	94	94	88.7	59.6
14	56.37	56.86	56.63	54.73	55.60	57.05	56.29	24	23.3	27.4	28.4	25.3	24.8	25.5	29	23.3	95	97	86	82	95	97	92	3.8
15	56.23	56.36	57.44	56.47	57.43	58.59	57.09	24	23.6	28.2	28	24.9	24.5	25.5	28.5	23.2	97	97	80	85	96	97	92	11.2
16	57.55	57.76	58.87	57.03	58.26	59.11	58.10	24	23.7	28.3	27.5	25.1	24.5	25.5	30	23.5	97	97	80	88	93	97	92	23.8
17	57.62	57.42	57.92	55.93	56.40	57.83	57.19	24.1	23.2	27	30	26.8	24.6	26	30.8	23.1	96	98	83	68	86	95	87.7	------
18	56.42	55.75	56.92	55.11	55.60	57.44	56.21	24	23.4	30.5	32.3	29	25.9	27.5	32.7	23.1	96	97	70	62	81	94	83.3	------
19	55.80	55.94	56.82	54.65	55.74	57.66	56.10	25.4	24.5	31.4	33.4	30.4	27.1	28.7	34.2	24.3	97	96	70	64	79	86	82	------
20	56.28	56.63	57.45	55.48	56.14	57.08	56.50	26	25	31.6	32.8	29.5	27.3	28.7	33.6	24.6	92	95	66	62	81	90	81	------
21	55.61	55.65	56.15	53.94	54.84	55.82	55.34	26.2	26.2	31	34	29.5	27.2	29	34.6	25.9	92	92	63	58	81	87	78.8	------
22	54.35	54.64	55.06	52.91	53.81	54.73	54.25	26.5	25.7	29.5	31	28.5	25.6	27.8	32	24.9	88	90	79	72	82	93	84	10.6
23	53.44	53.80	54.33	52.42	52.44	53.56	53.33	24.8	25.3	29.5	27.7	27.4	26	26.8	32.3	24.5	97	93	78	82	83	89	87	.3
24	52.10	52.14	53.03	51.21	51.96	53.29	52.29	26.2	25.7	30.5	31.5	27.7	27	28.1	32	25.5	90	89	72	67	78	80	79.3	------
25	52.59	52.58	54.29	52.41	53.23	54.82	53.32	26.7	26.7	29.5	30	26.5	26	27.6	32.3	25.3	86	90	78	71	88	88	83.5	2.3
26	54.45	54.74	55.68	54.61	55.69	57.65	55.47	26	26	30	30	27	25.4	27.4	31.2	25	85	85	75	71	88	93	82.8	------
27	56.53	56.86	57.93	55.81	55.54	57.45	56.69	24.4	25.4	29.3	29.2	27.6	25.6	26.9	30.7	24.2	97	93	78	76	86	93	85.5	------
28	56.08	56.41	57.13	55.29	55.77	57.14	56.30	24.6	25	28.5	26.3	25.2	24.6	25.7	29	24.1	87	90	79	90	97	92	89.2	4
29	56.10	56.07	56.69	55.08	56.25	57.83	56.34	24	23.9	29.6	28.9	25	24.7	26	30	23.8	95	96	77	83	94	97	90.3	32.1
30	56.57	56.91	58.14	56.85	57.86	59.49	57.64	23.8	23.3	29.5	31.4	27.7	25.6	26.9	31.4	23	97	97	76	73	90	96	88.2	17.3
Mean	56.37	56.55	57.31	55.51	56.15	57.55	56.57	25	24.6	29	29.8	27.2	25.7	26.9	31.3	24.1	93.1	93.9	77.5	74.8	86.8	92	86.4	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	291

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	Calm	Calm	Calm	Calm	Calm	15.8	22.7	25.9	7.7	72.1	10	Ci.-S.	Cu. NE	10	Ci.-S.	Cu. NNE
2	Calm	Calm	Calm	Calm	Calm	Calm	16.4	15	11	14.2	56.6	10	----------	N.	10	Ci.-S.	N.
3	Calm	Calm	SW	SW	SW	SW	19.9	32	38	27.7	117.6	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
4	SW	Calm	SSW	SSW	SSW	Calm	34.8	61.7	53.4	24.7	174.6	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
5	SSW	Calm	Calm	SSW	Calm	Calm	18.2	25.7	30.1	10.8	84.8	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. SSW
6	Calm	Calm	SSW	Calm	Calm	Calm	6.6	20.3	20.1	6.6	53.6	10	Ci.-S.	Cu.	10	----------	N.
7	Calm	Calm	NE	NE	Calm	Calm	6.1	32.8	45.9	9.9	94.7	6	Ci.	Cu.	3	Ci.	Cu.
8	Calm	Calm	Calm	NE	Calm	Calm	9.2	19.1	27.7	9.2	65.2	7	Ci.-S.	Cu.	4	Ci.-S.	Cu.
9	Calm	Calm	NE	NE	Calm	Calm	10.5	30.6	48.1	10	99.2	3	Ci.	Cu.	4	Ci.	Cu.
10	Calm	Calm	S	Calm	Calm	Calm	14	12.9	27.2	14.5	68.6	10	Ci.-S.	N. E	10	Ci.-S.	Cu.
11	Calm	Calm	Calm	NE	Calm	Calm	10.8	24.6	24.6	9.4	69.4	7	A.-Cu.	Cu.	10	Ci.-S.	Cu. E
12	Calm	Calm	Calm	Calm	Calm	Calm	16.9	12.9	20.1	6.2	56.1	10	Ci.-S.	N.	10	Ci.-S.	Cu.
13	Calm	Calm	NE	NE	NE	Calm	11.5	29.3	36.4	23.1	100.3	3	Ci.	Cu.	10	Ci.-S.	Cu. NE
14	Calm	Calm	ENE	ENE	Calm	Calm	13.5	28.2	44.5	10.3	96.5	10	----------	N.	10	Ci.-S.	Cu. ENE
15	Calm	Calm	Calm	Calm	Calm	Calm	8.7	19.8	15.9	10.2	54.6	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. E
16	Calm	Calm	ENE	ENE	Calm	Calm	8	25.4	32	11.6	77	10	Ci.-S.	Cu.	10	----------	N. ENE
17	Calm	Calm	NE	Calm	Calm	Calm	11.5	26	24.9	18.2	80.6	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. WSW
18	Calm	Calm	Calm	WSW	Calm	Calm	11.6	25.1	34.1	8.9	79.7	2	Ci.	Cu.	4	Ci.	Cu. WSW
19	Calm	Calm	WSW	WSW	Calm	Calm	14.3	29.6	33.2	16.7	93.8	3	Ci.	Cu.	4	Ci.	Cu. WSW
20	Calm	Calm	WSW	WSW	Calm	Calm	18.2	36.4	36	11.3	101.9	3	Ci.	Cu.	6	Ci.	Cu. WSW
21	Calm	Calm	W	W	Calm	Calm	12.4	31.7	34.4	11.1	89.6	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. W
22	Calm	Calm	W	Calm	Calm	Calm	18	24.1	18.5	15.1	75.7	10	A.-Cu.	Cu.	10	Ci.-S.	Cu.
23	Calm	Calm	Calm	SW	Calm	Calm	15.5	21.9	23.6	19	80	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. SW
24	SW	Calm	SW	SW	SSW	SSW	21.4	37.2	49.1	34.3	142	10	Ci.-S.	Cu. S	10	Ci.-S.	Cu. SW
25	SSW	Calm	SSW	SSW	Calm	Calm	35.4	33.8	41.5	12.1	122.8	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. SSW
26	Calm	Calm	SW	SW	Calm	Calm	20.9	33	25.2	5	84.1	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
27	Calm	Calm	Calm	SW	Calm	Calm	5.8	21.5	18.3	13.2	58.8	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. SW
28	Calm	Calm	WSW	Calm	Calm	Calm	14.7	27.2	23.8	17.2	82.9	10	Ci.-S.	Cu. WSW	10	Ci.-S.	Cu.
29	Calm	Calm	Calm	Calm	Calm	Calm	14.7	24.4	15	5.1	59.2	10	Ci.-S.	Fr.-N.	10	Ci.-S.	s.-cu.wsw
30	Calm	Calm	Calm	Calm	Calm	Calm	8.2	20.9	18.8	4.6	52.5	8	Ci.	Cu.	10	Ci.-S.	Cu.
Mean	------	------	------	------	------	------	14.8	26.9	29.9	13.3	84.8	8.2	----------	----------	8.8	----------	----------
Total	------	------	------	------	------	------	------	------	------	------	2,544.5	----	----------	----------	----	----------	----------

PARACALE.

[$\phi = 14° 17'$ N; $\lambda = 122° 47'$ E; barometer above sea, 5.3 meters; gravity correction not applied, —1.73 mm.]

OCTOBER, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 8 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.48	58.45	58.78	57.33	58.17	59.45	58.44	24.4	23.8	30.5	31.5	28.3	26.7	27.5	31.6	23.5	97	97	77	72	85	94	87	------
2	58.20	58.54	59.43	57.41	57.52	58.34	58.24	25.2	24.3	30.8	32	29	26	27.9	32.4	24.1	95	96	74	69	81	94	84.8	5.1
3	57.90	58.52	59.93	57.78	58.66	58.80	58.60	25	23.7	24.4	26.1	25.4	24.7	24.9	26.6	23.5	98	94	97	91	97	94	94.3	10.9
4	58.40	58.70	59.57	57.21	58.50	59.41	58.63	24	24.1	24.3	27.5	25.7	23.9	24.9	28	23.4	97	97	93	81	94	96	93	2
5	58.35	58.65	59.49	57.89	58.35	59.55	58.71	23	23	29	29.6	23.8	23.3	25.3	31	22.8	96	96	78	72	96	97	89.2	21.3
6	58.10	58.17	58.89	56.99	57.60	58.84	58.10	22.9	22.5	29.3	26	25.8	24.3	25.1	30.1	22.3	97	98	72	88	95	97	91.2	17.8
7	57.30	57.61	59.03	57.13	57.53	58.60	57.87	23	22.6	29.2	30.8	27	25.1	26.3	31.4	22.5	97	97	76	70	86	95	86.8	80.8
8	58.15	58.20	59.08	57.15	57.10	58.20	57.98	24	23.5	26	26.5	24.4	24.2	24.8	26.8	23	97	98	88	89	97	98	94.5	259
9	56.39	57.14	58.28	57.07	57.89	59.55	57.72	24	24.6	27.8	25.5	24.3	23.8	25	29.4	23.6	97	91	79	92	95	97	91.8	32.6
10	58.30	59.14	59.87	57.87	58.55	59.83	58.93	24.1	23.9	30.8	32	28.3	25.4	27.4	33.3	23.5	97	98	73	69	86	92	85.8	------
11	58.70	59.31	59.41	57.57	57.90	58.99	58.65	24	23.6	29.5	31	28.1	27.1	27.2	31.5	23.4	96	97	78	69	84	84	84.5	------
12	57.87	58.53	59.02	57.13	57.42	59.31	58.21	25.9	24.6	30.5	31.2	28.7	27.8	28.1	31.7	24.4	91	98	71	71	80	84	82.5	------
13	58.38	58.47	59.25	57.43	57.88	59.22	58.44	27	27.5	28.5	28.7	27.2	27.5	27.7	30.5	25.9	87	84	85	82	84	81	83.8	7.9
14	58.48	58.58	59.48	57.43	57.76	59.41	58.52	27.6	25.3	28.5	29	26.9	24.6	27	30.2	24	79	89	85	75	87	92	84.5	14.8
15	57.60	57.64	58.33	56.03	56.83	57.90	57.39	25.8	24	28	27.8	26	25.8	26.2	29.7	23.9	82	97	88	86	93	90	89.3	18.4
16	56.48	56.92	57.09	55.58	56.14	57.44	56.61	24.8	24.2	28.3	26.6	24.7	24.2	25.5	29	24	97	98	82	92	97	97	93.8	13.5
17	56.75	57.17	58.04	55.88	57.06	58.53	57.24	23.8	23.7	26.8	29.2	26.8	24.9	25.9	29.9	23.4	98	98	90	78	90	92	91	.8
18	57.70	58.26	59.15	57.08	57.68	59.14	58.17	25.1	24.2	29	28	25.1	24.4	26	30.3	24.1	91	97	78	85	92	95	89.7	5.3
19	57.55	58.05	58.26	56.12	57.03	58.47	57.58	23.8	23.5	30.1	30.2	28.1	26	27	31.2	23.3	97	98	75	77	86	92	87.5	7.1
20	57.18	57.70	58.87	56.76	58.03	59.49	58	24.9	24.7	30	30	28.2	27.2	27.5	30.7	24.3	98	97	76	76	82	84	85.5	14
21	58.63	58.71	59.62	57.78	58.42	59.74	58.82	24.5	24.7	29.3	29.1	27.8	25.7	26.8	29.9	24	96	96	79	81	86	92	88.3	31.3
22	58.48	58.77	59.66	57.60	57.95	58.73	58.53	25.3	24.2	26.2	25.6	26.4	26.4	25.7	27.6	23.7	89	97	90	93	89	82	90	16.8
23	58.03	58.46	58.93	56.93	57.57	58.95	58.14	26	25.4	30	27	26.3	26	26.8	30.2	25	92	97	78	90	93	94	90.7	25.8
24	58.53	59.28	60	57.66	58.19	60.07	58.96	25	24.6	29	30	27.8	27.3	27.3	30.4	24.5	97	95	87	78	86	87	88.3	8.6
25	59.33	59.73	60.92	58.75	59.28	61.14	59.86	26	26.8	30.1	29.4	26.3	27.2	27.6	31.2	25.5	89	86	74	75	90	83	82.8	9.9
26	60.83	61.22	61.91	59.55	59.73	61.28	60.75	25.1	24.4	28.9	28.8	27.8	26.8	27	30.8	24.2	96	95	78	83	82	81	85.8	4.1
27	59.83	60.21	60.40	58.54	58.59	59.42	59.50	24.8	25	29.8	28.5	26.2	27.8	27	30.1	24.5	93	92	79	78	89	86	86.2	22.2
28	58.47	58.55	59.38	57.13	58.21	59.16	58.48	27	26.8	30	30	27.7	27.6	28.2	31.3	26.2	84	84	77	75	82	82	80.7	2.1
29	58.44	58.84	60.03	58.43	58.71	59.68	59.02	27	27	29.6	30.5	28	27.8	28.3	31	26.2	83	83	74	67	81	80	78	3
30	59.05	59.43	59.76	58.18	58.43	59.43	59.05	26.4	26.6	29.2	27.6	27.5	24.9	27	30	24.5	89	84	75	84	84	92	84.7	17.1
31	58.13	58	58.50	56.53	56.85	57.35	57.56	25.5	26.4	25.5	26	26.4	26.4	26	28.4	24.2	89	89	90	94	89	91	90.3	26.7
Mean	58.19	58.55	59.30	57.35	57.92	59.14	58.41	25	24.6	28.7	28.8	26.8	25.8	26.6	30.2	24	92.7	94	80.5	80.1	88.3	90.2	87.6	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	678.9

Day.	Wind.										Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	Calm	SW	NE	Calm	Calm	6.2	32	35.6	8	81.8	2	Ci.	Cu.	3	Ci.	Cu.
2	Calm	Calm	NE	NE	Calm	Calm	9.5	26.9	31.6	10.7	78.7	5	Ci.	Cu.	8	Ci.-S.	Cu.
3	Calm	Calm	Calm	Calm	Calm	Calm	14.2	11.9	9.5	16.6	52.2	10	Ci.-S.	Cu.	10	Ci.-S.	S.-Cu. NE
4	Calm	Calm	Calm	Calm	Calm	Calm	7	15.5	13.4	10.5	46.4	10	----------	N.	10	Ci.-S.	Cu.
5	Calm	Calm	Calm	Calm	Calm	Calm	12.1	19.1	27.1	4.2	62.5	10	Ci.-S.	Cu.	10	Ci.-S.	N. W
6	Calm	Calm	S	Calm	Calm	Calm	6.1	22	19.3	5.4	52.8	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
7	Calm	Calm	NE	NE	Calm	Calm	10	30.6	42.3	11.9	94.8	10	Ci.-S.	Cu.	8	Ci.-S.	Cu. NE
8	Calm	Calm	N	N	Calm	Calm	17.2	27.2	35.9	26.4	106.7	10	----------	N.	10	Ci.-S.	N. N
9	W	W	SW	W	Calm	Calm	44.1	40.4	33.8	8.7	122	10	Ci.-S.	S.-Cu. W	10	----------	N. W
10	Calm	Calm	Calm	Calm	Calm	Calm	8.7	24.9	24.7	10.8	69.1	10	Ci.-S.	Cu.	7	Ci.	Cu. S
11	Calm	Calm	NE	NE	Calm	Calm	9.1	31.7	42.6	18.5	101.9	4	Ci.	Cu.	6	Ci.	Cu.
12	Calm	Calm	E	E	Calm	Calm	7.4	32.2	46.5	24.3	110.4	2	Ci.	Cu.	4	Ci.	Cu. E
13	ENE	ENE	ENE	ENE	NE	NE	28.7	58.7	62.8	49.7	199.9	7	Ci.	Cu. ENE	5	Ci.	Cu. NE
14	NE	NE	NE	NE	NE	NE	40.4	54.2	53.1	40.2	187.9	10	Ci.-S.	S.-Cu. NE	10	Ci.-S.	Cu. NE
15	Calm	Calm	Calm	Calm	Calm	Calm	10.2	30.8	12.6	22.2	75.8	7	Ci.	Cu. NE	10	Ci.-S.	Cu.
16	Calm	Calm	Calm	Calm	Calm	Calm	11.3	19	15.5	8	53.8	10	Ci.-S.	Cu.	10	Ci.-S.	N. N
17	Calm	Calm	Calm	Calm	Calm	Calm	7.7	14.2	15.3	21.5	58.7	10	Ci.-S.	S.-Cu.	10	Ci.-S.	S.-Cu. S
18	Calm	Calm	Calm	Calm	Calm	Calm	16.6	25.9	19.5	11.6	73.6	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
19	Calm	Calm	E	E	E	Calm	5.9	38.1	52	31.2	127.2	10	Ci.-S.	Cu. E	4	Ci.	Cu. E
20	Calm	Calm	E	E	E	E	5.4	38.3	60.4	43.8	147.9	6	Ci.	Cu.	7	Ci.	Cu. E
21	Calm	Calm	NE	NE	E	E	24.7	45.4	52.8	44.5	167.4	10	Ci.	S.-Cu. E	10	Ci.-S.	Cu. E
22	Calm	Calm	ENE	Calm	ENE	Calm	21.1	41.2	42	39.4	143.7	10	Ci.-S.	Cu. E	10	Ci.-S.	N. E
23	Calm	Calm	E	E	Calm	Calm	17.1	20.7	22.7	9.9	70.4	10	Ci.-S.	Cu. E	10	----------	N. ENE
24	Calm	Calm	ENE	ENE	ENE	ENE	8.2	45.6	63	45.9	162.7	10	Ci.-S.	S.-Cu. ENE	10	Ci.-S.	Cu. ENE
25	Calm	ENE	E	ENE	ENE	ENE	19.1	44.6	50.1	38.6	152.4	6	Ci.	Cu. E	8	Ci.	Cu. E
26	Calm	Calm	E	E	E	E	14.3	34.9	56.8	48.3	154.3	4	Ci.	Cu. E	6	Ci.	Cu. E
27	Calm	Calm	E	E	Calm	E	47	48.1	46.5	66.2	207.8	8	Ci.-S.	Cu. E	6	Ci.	Cu. E
28	E	E	E	E	E	E	55.7	64.4	50.5	40.7	211.3	5	Ci.	Cu. E	4	Ci.	Cu. E
29	E	E	E	E	E	E	45.9	69.7	62.8	53.9	232.3	6	Ci.	Cu. E	6	Ci.	Cu. E
30	E	E	E	E	E	E	43.5	61.8	52.9	47.7	205.9	6	Ci.-S.	Cu. E	8	Ci.-S.	Cu. E
31	E	E	Calm	Calm	E	E	39.1	42.3	32	41.8	155.2	10	Ci.-S.	Cu. E	10	Ci.-S.	S.-Cu. E
Mean	------	------	------	------	------	------	19.8	35.9	38.2	27.6	121.5	8	----------	----------	8.1	----------	----------
Total	------	------	------	------	------	------	-----	-----	-----	-----	3,767.5	----	----------	----------	----	----------	----------

PARACALE.

[ϕ=14° 17′ N; λ=122° 47′ E; barometer above sea, 5.3 meters; gravity correction not applied, —1.73 mm.]

NOVEMBER, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.73	56.77	57.63	55.45	56.15	57.45	56.70	24.8	24.1	27.4	27.4	26	24.2	25.6	28.3	23.9	95	96	85	81	92	97	91	24.6
2	57.27	57.36	58.81	55.92	57.40	58.84	57.60	24.4	25	24.5	27.5	26.2	24.8	25.4	28.5	23.7	97	94	94	83	90	93	91.8	26.2
3	58.20	58.81	59.25	57.37	57.88	59.15	58.44	23.5	23.5	28.5	28	27.2	26	26.1	31.2	23	96	96	83	88	88	94	90.8	26.1
4	58.43	58.70	59.08	56.86	56.79	58.32	58.03	25.8	26.2	30.1	30.1	27.4	27.4	27.8	31	24.3	93	90	71	69	81	81	80.8	.5
5	57.08	57.45	58.48	55.82	55.97	57.41	57.04	24.3	23.4	30	29.5	27.6	27.5	27	31.2	23.3	96	94	69	73	81	81	82.3	.5
6	56.30	56.84	58.03	56.01	56.36	57.70	56.87	25.6	23.6	30	29.5	27.5	24.3	26.8	31	23.2	88	96	70	72	75	93	82.3	1
7	56.60	56.97	57.89	55.67	56.16	57.33	56.77	23.8	23.2	29.8	29.2	26.8	24.7	26.2	31	22.9	95	97	71	74	84	96	86.2	------
8	56.42	56.86	58.17	56.46	57.13	58.71	57.29	23.9	23.2	30.5	30	26.9	25	26.6	31.9	22.7	94	97	69	76	91	96	87.2	1.5
9	58.25	58.61	59.56	57.66	57.97	59.43	58.58	24.2	23.4	29.5	30.2	27.7	25.5	26.8	31	23.3	95	97	75	69	82	94	85.3	2.3
10	59.08	59.46	60.70	58.46	57.74	59.72	59.19	25.2	25.8	23.5	27.5	27.2	26.6	26	27.5	23	95	91	94	78	75	77	85	50
11	58.38	58.69	60.13	58.26	58.79	60.28	59.09	26.6	26.8	28.5	29.4	26.8	25.4	27.2	29.8	24.1	77	76	74	64	77	89	76.2	40.7
12	59.50	59.56	60.84	59.36	60.03	60.69	60	23.6	25.8	26.7	25	24.4	26	25.2	28	23.3	95	85	80	88	87	88	87.2	26.9
13	59.98	60.30	61.38	59.39	59.53	60.93	60.25	25.6	25	28.4	27.8	26.9	26.8	26.8	29.8	24.4	87	90	72	75	77	74	79.2	9.4
14	59.80	59.98	60.27	58.08	58.25	58.60	59.16	23.7	23.6	28.6	29	26.3	27	26.4	30	23.4	94	95	73	75	90	84	85.2	90.6
15	56.90	56.90	57.63	55.86	56.46	56.81	56.76	24.6	24.1	25.8	26.4	25.9	26.3	25.5	28	23.9	95	97	93	86	88	86	90.8	12
16	55.07	55.26	56.48	54.11	55.06	56.25	55.37	25.2	24	27.3	27	25.5	24.5	25.6	29.1	23.5	90	96	82	83	92	96	89.8	1.5
17	56.10	56.70	57.03	54.93	56.66	57.54	56.49	24	23.8	27.5	29.3	26.3	24.5	25.9	31.1	23.4	96	96	84	83	90	96	90.8	.5
18	57.10	57.80	58.93	56.81	57.63	58.74	57.84	24.1	23.5	30	30	26.8	24.9	26.6	30.5	23.3	96	96	75	73	90	95	87.5	------
19	58	58.50	59.36	57.16	57.92	59.24	58.36	24.1	23.2	29.3	30.6	27.5	26.4	26.8	30.9	23	96	97	79	74	87	89	87	2.3
20	58.10	58.18	58.85	56.56	57.83	58.55	58.01	25.5	24.8	29	28.5	24.8	24	26.1	30.9	23.8	94	97	80	83	97	97	91.3	39.4
21	58.20	58.17	59.58	57.76	58.43	59.83	58.66	24	23.8	26.2	27.3	25	24	25	27.8	23.5	97	97	88	86	92	96	92.7	2
22	58.75	58.80	59.56	57.38	57.78	59.11	58.56	23.8	24.6	27.7	26.7	25	24.7	25.4	30.2	23.2	95	93	84	86	95	97	91.7	35.8
23	58.20	58.66	59.56	57.83	57.91	59.46	58.60	24.8	23.7	28.2	29.4	26.4	26.9	26.6	30	23.5	97	96	77	73	91	88	87	7.6
24	58.48	58.80	59.48	57.32	57.54	58.40	58.34	24.8	23.8	28.5	29.5	26.3	26.1	26.5	30	23.7	97	97	85	75	93	93	90	4.5
25	57.40	57.54	58.49	56.07	56.76	57.05	57.22	24.8	24.4	29	29.5	26.2	25.8	26.6	30.4	23.8	93	95	78	75	82	85	84.7	3.6
26	55.53	55.56	56.23	54.57	55.15	55.89	55.49	24.2	24	29	27.8	26.6	25.2	26.1	30.2	23.8	97	98	78	80	90	83	87.7	25.2
27	55.13	55.43	56.17	54.35	55.17	55.84	55.35	26	25.4	28.2	26.5	26.6	25.5	26.4	28.5	23.8	84	88	82	86	86	93	86.5	34.4
28	55.34	55.83	56.75	55.50	55.74	56.04	55.87	25.1	25	25.6	24.7	27.1	26.5	25.7	27.1	23.4	91	88	95	92	79	84	88.2	93.9
29	55.63	56.51	57.59	55.75	57.28	58.94	56.95	26.4	25.8	26.9	26.6	25.4	26.2	26.2	28.6	23.5	81	82	77	80	81	62	77.2	6.7
30	58.30	59	59.50	57.90	58.80	59.35	58.81	25.2	24.4	25.7	24	25.2	24.3	24.8	26.4	22.2	70	76	75	85	73	78	76.2	16
Mean	57.48	57.80	58.71	56.69	57.28	58.39	57.72	24.7	24.4	28	28.1	26.4	25.6	26.2	29.7	23.5	92.2	92.8	79.7	78.8	85.9	88.5	86.3	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	585.7

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	0–10			0–10		
1	E	Calm	Calm	E	Calm	Calm	19.8	25.2	25.9	7.4	78.3	6	Ci.-S.	Cu. E	10	Ci.-S.	Cu. E
2	Calm	Calm	E	E	Calm	Calm	14.2	40.4	31.2	8.7	94.5	6	Ci.-S.	Cu. E	10	Ci.-S.	Cu. E
3	Calm	Calm	E	Calm	Calm	Calm	8.7	25.2	35.9	21.5	91.3	6	Ci.	Cu. E	6	Ci.	Cu. E
4	Calm	ENE	ENE	ENE	NE	Calm	11.9	51.7	56.1	31.7	151.4	4	Ci.	Cu. ENE	4	Ci.	Cu. ENE
5	Calm	Calm	N	N	Calm	N	15.3	35.7	38.4	32.8	122.2	4	Ci.	Cu. N	6	Ci.	Cu. N
6	Calm	Calm	N	N	Calm	Calm	12.6	39.7	41	16.7	110	8	Ci.	Cu. N	6	Ci.	S.-Cu. N
7	Calm	Calm	NE	NE	Calm	Calm	8.5	23	27.9	6.7	66.1	10	Ci.-S.	Cu. NNE	6	Ci.	Cu. WNW
8	Calm	Calm	SW	SW	Calm	Calm	8.3	21.7	22.3	5.9	58.2	2	Ci.	Cu.	10	Ci.-S.	Cu.
9	Calm	Calm	NE	NE	NE	Calm	7.7	25.1	33.2	11.8	77.8	2	Ci.	Cu.	6	Ci.	Cu.
10	Calm	NE	NNE	NNE	NNE	NNE	21.9	35.6	69.2	80.3	207	10	Ci.-S.	S.-Cu. NE	10	----------	S.-Cu. NNE
11	NNE	NNE	NNE	NE	ENE	E	74.6	81.3	75	67.6	298.5	10	Ci.-S.	Cu. NNE	6	Ci.-S.	Cu. NE
12	ENE	ENE	ENE	NE	ENE	ENE	62.8	83.7	108.1	96.4	351	10	Ci.-S.	Cu. ENE	10	Ci.-S.	S.-Cu. NE
13	ENE	ENE	ENE	ENE	ENE	ENE	90.7	105.4	90.7	96.8	383.6	10	Ci.-S.	S.-Cu. NE	10	Ci.-S.	Cu. NE
14	ENE	Calm	ENE	ENE	ENE	ENE	58.1	58.7	64.2	57.2	238.2	10	Ci.-S.	S.-Cu. NE	4	Ci.	Cu. NE
15	Calm	Calm	Calm	Calm	Calm	N	26.2	43.5	29	42.6	141.3	10	Ci.-S.	S.-Cu. NE	10	Ci.-S.	N. N
16	NNW	Calm	NE	Calm	Calm	Calm	17.2	20.9	19	12.1	69.2	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
17	Calm	Calm	Calm	Calm	Calm	Calm	15.6	15.9	19.8	7.5	58.8	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. SW
18	Calm	Calm	NE	NE	Calm	Calm	13.4	19.3	22	6.4	61.1	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
19	Calm	Calm	ENE	ENE	ENE	Calm	5.8	28.5	46.2	29.2	109.7	7	Ci.	Cu.	4	Ci.	Cu. ENE
20	Calm	Calm	ENE	ENE	Calm	Calm	5.9	21.1	27.6	11.6	66.2	10	Ci.-S.	S.-Cu. ENE	10	Ci.-S.	Cu. ENE
21	Calm	Calm	Calm	Calm	Calm	Calm	8.5	15.6	9.2	7.8	41.1	10	Ci.-S.	Cu. E	10	Ci.-S.	Cu.
22	Calm	Calm	ENE	ENE	Calm	Calm	11.8	25.4	30	9.4	76.6	10	Ci.-S.	S.-Cu. E	10	----------	N. E
23	ENE	Calm	ENE	ENE	Calm	Calm	19.8	26	33.8	15.8	95.4	6	Ci.	Cu.	6	Ci.	Cu.
24	Calm	Calm	ENE	ENE	Calm	Calm	8.5	23.1	39.7	16.6	87.9	8	Ci.	Cu.	6	Ci.	Cu. E
25	Calm	Calm	Calm	ENE	ENE	Calm	8.3	22	54.2	33.5	118	7	Ci.	Cu.	6	Ci.	Cu. NE
26	Calm	Calm	NE	NE	Calm	NE	10.7	29.3	34.6	41.6	106.2	10	Ci.-S.	S.-Cu. N	10	Ci.-S.	Cu.
27	NNE	NNE	NNE	N	N	Calm	29.6	57.9	50.9	35.4	173.8	10	----------	N. N	10	Ci.-S.	S.-Cu. N
28	N	N	NE	N	N	N	26.4	56.5	71.8	87.4	242.1	10	Ci.-S.	S.-Cu. N	10	----------	N.
29	N	N	NNW	NNW	NNW	NNE	82.7	92.2	80.8	88.5	344.2	10	Ci.-S.	S.-Cu. N	10	Ci.-S.	Cu. NNW
30	N	N	N	N	N	N	83.5	97.6	111.6	88.5	386.2	10	Ci.-S.	Cu. N	10	Ci.-S.	Cu. N
Mean	-----	-----	-----	-----	-----	-----	26.5	41.6	46.6	35.8	150.5	8	----------	----------	8.2	----------	----------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	4,515.9	----	----------	----------	----	----------	----------

PARACALE.

[ϕ=14° 17′ N; λ=122° 47′ E; barometer above sea, 5.3 meters; gravity correction not applied, —1.73 mm.]

DECEMBER, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.90	58.41	58.71	56.67	56.65	57.22	57.59	25	24.4	26.5	24.8	25.2	24.3	25	27	22.2	76	80	73	89	86	91	82.5	18.5
2	56.02	56.80	57.96	55.46	56.53	57.32	56.68	24.4	25	25.5	25	23.1	22.6	24.3	26	22.2	92	88	86	95	96	97	92.3	77.4
3	57.17	58.02	59.35	57.73	58.58	59.98	58.47	23	23.2	26	26.4	25.7	26.2	25.1	27.8	22.2	97	98	93	89	94	92	93.8	34.8
4	58.88	59.18	59.78	57.63	58.26	59.05	58.80	25.9	26	27.5	28.5	27	26.3	26.9	30	25.3	93	92	88	81	88	90	88.7	31.3
5	57.70	58.40	58.73	56.88	57.40	58.44	57.92	26	25.2	27.5	28.4	26.9	26.3	26.7	29.8	24.2	90	93	82	76	80	83	84	8.6
6	57.28	57.51	58.38	56.89	57.25	58.41	57.62	25.6	26	26.8	28.1	26.8	26.1	26.6	29.4	24.5	91	88	87	84	80	80	85	16.3
7	57.30	57.38	58.47	56.91	57.67	58.40	57.69	25.4	25.1	28.5	28.6	27	26.6	26.9	29.8	24.9	88	93	81	78	86	86	85.3	4.9
8	57.33	57.43	58.36	56.37	56.47	58.35	57.38	26	25.7	29	29.2	26.9	26	27.1	29.6	24.8	89	89	80	71	85	92	84.3	3.8
9	57.20	57.60	59.04	57.23	57.43	58.60	57.85	24.5	24.1	28.3	28	26.3	25.7	26.2	29.2	23.8	97	98	82	81	90	93	90.2	11.2
10	57.95	58.40	59.08	57.03	57.98	58.96	58.23	24	24.3	27.5	28	24.7	25.5	25.7	29.4	23.9	97	96	85	85	94	94	91.8	27
11	58.20	58.24	59.13	57.33	57.87	59.15	58.32	24.4	25.4	29	29.8	27	26.7	27	30.2	24	97	92	75	75	84	86	84.8	.5
12	57.84	58.46	59.10	56.99	58.18	58.99	58.26	26.2	26.6	27.5	28.4	24.6	26	26.6	29	24.1	87	83	81	78	92	88	84.8	23.1
13	58.35	58.6[illegible]	59.64	57.51	58.11	59.04	58.55	26.2	26	29.1	30	27.2	25	27.2	30.4	24.4	90	90	70	72	80	94	82.7	18.8
14	57.83	57.99	59.58	56.98	57.52	58.45	58.06	24.7	26	25.3	28.6	27.3	27	26.5	29.6	24.3	94	92	89	81	84	85	87.5	16
15	57.28	57.35	58.25	56.45	57.2[illegible]	58.31	57.49	26.8	26.7	27.1	27.3	25.3	26.3	26.6	27.7	24.2	83	83	84	87	92	90	86.5	60.9
16	57.45	57.54	58.62	55.96	56.65	57.35	57.26	24	24.9	27.1	27.7	27	27	26.3	29.2	23.8	97	93	88	87	87	86	89.7	58.5
17	57.08	57.13	58.03	55.83	56.69	57.70	57.08	25	24.8	27.4	28.7	26.6	26.8	26.6	30	24.4	97	97	89	82	87	86	89.7	2.5
18	57.08	57.15	58.30	55.83	56.90	57.83	57.18	26	26.5	26.4	27.2	26.4	25.2	26.3	28.8	24.8	87	85	90	90	92	94	89.7	8.6
19	56.92	57.37	58.03	55.94	57.27	58.10	57.27	24.6	23.4	27.7	29	26.6	25.3	26.1	30.4	23.2	95	97	85	81	87	93	89.7	------
20	57.25	57.98	58.50	56.91	57.93	58.94	57.92	23.7	22.8	28.8	29.7	26.5	26.1	26.3	30.1	22.8	94	97	80	73	91	85	86.7	------
21	58.38	59.24	59.26	57.17	57.84	58.10	58.33	26	25.4	29.2	29.5	27	25.6	27.1	30.2	24.8	86	91	74	70	79	92	82	------
22	57.40	58.11	59.06	56.93	57.52	58.70	57.95	23.7	22.8	27.7	27.2	26.8	26.4	25.8	30	22.8	96	97	81	83	82	76	85.8	1.3
23	58	58.19	58.62	56.63	56.98	57.81	57.70	24.1	25	27	25.7	25.8	25.7	25.6	27.9	23.9	91	92	83	94	88	88	89.3	8.9
24	57	57.77	58.53	57.10	57.85	58.90	57.86	23.6	22.6	28	26	26.7	26.3	25.5	29.4	22.3	95	97	77	80	82	84	85.8	4.8
25	58.28	58.55	59.53	57.99	58.59	58.78	58.62	26.2	26.2	28	29.6	26.8	25.9	27.1	29.8	25.3	82	82	77	67	86	89	80.5	4.3
26	58.13	58.15	58.78	57.21	58.25	58.39	58.15	25.8	26	26.9	27.4	26.3	25.6	26.3	29.9	25	87	85	81	83	84	89	84.8	20.5
27	58.15	58.27	59.06	57.39	58.26	58.82	58.32	26	24.4	24	24	24.1	24.6	24.5	26.2	23.1	89	91	97	98	96	93	94	157.5
28	59.03	59.82	60.67	58.81	59.67	59.79	59.63	23	23.4	24	24.8	24.8	24.8	24.1	25.2	23	91	88	83	80	81	85	84.7	10.6
29	59.12	59.04	59.88	57.64	58	59.25	58.82	23.7	25.2	25.4	23.6	25	23.6	24.4	26.3	22.8	85	82	82	97	92	95	88.8	103.9
30	57.82	58.10	58.80	56.75	57.40	58.38	57.88	23.2	23.9	25.6	25.4	24.7	22.2	24.5	26	22.8	95	95	87	92	89	90	91.3	4.8
31	57.34	58.32	59.03	57	58.50	59.20	58.23	22.8	22.8	27.7	28.3	25.6	24	25.2	28.3	22.7	97	97	84	81	93	96	91.3	56.4
Mean	57.70	58.08	58.92	56.94	57.66	58.54	57.97	24.8	24.8	27.2	27.5	26.1	25.6	26	28.8	23.8	91.1	91	83	82.6	87.3	89.1	87.4	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	795.7

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NNE	NNE	NNE	NNE	N	N	75.9	81.8	78.7	98.2	334.6	10	Ci.-S.	S.-Cu. NNE	10	Ci.-S.	S.-Cu. N
2	N	N	N	N	Calm	Calm	102.2	106	70.2	9.2	287.6	10	----------	N. N	10	----------	N. N
3	Calm	Calm	Calm	NE	Calm	NE	9.7	20.3	34.3	49.1	113.4	10	Ci.-S.	Cu. E	10	Ci.-S.	Cu. E
4	ENE	ENE	ENE	ENE	Calm	NE	29.5	38.9	----	----	-------	4	Ci.	Cu. E	6	Ci.	Cu. E
5	Calm	NE	NE	NE	NE	NE	----	----	71.9	55.5	-------	10	Ci.-S.	N. NE	10	Ci.-S.	S.-Cu. NE
6	NE	NE	NE	NE	NE	NE	61.7	59.8	74.8	54.2	250.5	10	Ci.-S.	Cu. NNE	10	Ci.-S.	Cu.
7	NE	Calm	NE	NE	NE	NE	47.2	51	60	51.2	209.4	4	Ci.	Cu. NE	10	Ci.-S.	Cu. NE
8	NE	NE	NE	NE	NE	Calm	52.5	46.2	41	11.9	151.6	6	Ci.	Cu. NE	6	Ci.	Cu. NE
9	Calm	Calm	NE	NE	Calm	Calm	5.8	31.9	42.3	14.5	94.5	4	Ci.	Cu. ENE	6	Ci.	Cu. ENE
10	Calm	Calm	NE	NE	Calm	Calm	12.3	39.1	41.6	7.7	100.7	10	Ci.-S.	N. E	8	Ci.-S.	Cu. ENE
11	Calm	Calm	NE	NE	NE	NE	12.1	47.7	51.3	49.1	160.2	7	Ci.	Cu. ENE	4	Ci.	Cu. NE
12	ENE	ENE	ENE	ENE	ENE	ENE	37.5	64.9	82.9	53.1	238.4	10	Ci.-S.	Cu. ENE	10	Ci.-S.	Cu. ENE
13	ENE	ENE	ENE	ENE	ENE	ENE	49.1	58.7	64.6	66.6	239	6	Ci.-S.	Cu. ENE	7	Ci.	Cu. ENE
14	Calm	ENE	ENE	ENE	ENE	ENE	38.1	45.7	51.3	60.6	195.7	6	Ci.-S.	Cu. ENE	6	Ci.	Cu. ENE
15	ENE	ENE	ENE	ENE	ENE	ENE	75.3	70.8	69.8	39.4	255.3	8	Ci.-S.	Cu. ENE	10	Ci.-S.	S.-Cu. ENE
16	ENE	Calm	ENE	ENE	ENE	ENE	29.6	50.4	56.8	52.6	189.4	10	Ci.-S.	Cu. NE	10	Ci.-S.	Cu. ENE
17	ENE	Calm	ENE	ENE	Calm	ENE	19.3	44.3	47.8	35.4	146.8	10	----------	S.-Cu. ENE	6	Ci.	Cu. E
18	ENE	ENE	Calm	ENE	Calm	Calm	29.6	23.3	40.5	14.2	107.6	6	Ci.	Cu. ENE	10	Ci.-S.	S.-Cu. ENE
19	Calm	Calm	ENE	ENE	Calm	Calm	3.2	35.6	44.6	13.1	96.5	10	Ci.-S.	Cu. NE	10	Ci.-S.	Cu. ENE
20	Calm	Calm	ENE	ENE	ENE	ENE	3.7	32.8	57.4	31.6	125.5	2	Ci.	Cu.	4	Ci.	Cu. ENE
21	NE	Calm	NE	NE	ENE	Calm	40.2	42.9	55.3	24.4	162.8	10	Ci.-S.	Cu.	4	Ci.	Cu. NE
22	Calm	Calm	ENE	ENE	ENE	NE	8	26.4	62.6	71.4	168.4	3	Ci.	Cu. ENE	4	Ci.	Cu. ENE
23	NE	NE	NE	Calm	ENE	ENE	55.7	54.9	42	49.9	202.5	10	Ci.-S.	Cu. NE	10	Ci.-S.	S.-Cu. NE
24	Calm	Calm	ENE	Calm	ENE	Calm	4.5	26.6	30.4	30.8	92.3	3	Ci.	Cu. ENE	4	Ci.	Cu. ENE
25	ENE	ENE	ENE	ENE	ENE	ENE	44.9	56.3	64.4	47.2	212.8	4	Ci.	Cu. ENE	7	Ci.	Cu. ENE
26	ENE	ENE	ENE	ENE	ENE	ENE	61.5	60.4	103	106.2	331.1	7	Ci.	Cu. ENE	6	Ci.	Cu. ENE
27	ENE	ENE	ENE	ENE	ENE	ENE	86.9	98.2	112.7	131.7	429.5	10	----------	N. NE	10	----------	N. ENE
28	ENE	ENE	ENE	ENE	ENE	ENE	122.6	127.1	146.6	140.3	536.6	10	----------	N. NE	10	Ci.-S.	S.-Cu. NE
29	ENE	ENE	ENE	ENE	ENE	ENE	110.5	114.6	93	52	370.1	10	----------	N. NE	10	----------	N. NE
30	ENE	ENE	ENE	ENE	ENE	ENE	45.1	55.2	55.8	41.8	197.9	10	Ci.-S.	S.-Cu. E	10	Ci.-S.	S.-Cu. E
31	Calm	Calm	Calm	E	E	Calm	5.6	22.3	25.7	6.6	60.2	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
Mean	------	------	------	------	------	------	42.7	54.5	62.4	49	209	7.7	----------	----------	8	----------	----------

SAN ISIDRO.

[$\phi = 15° 22'$ N; $\lambda = 120° 53'$ E; barometer above sea, 20 meters; gravity correction not applied, —1.69 mm.]

JANUARY, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.81	58.71	59.70	56.38	57.79	58.23	58.27	23	22.5	27.7	30.5	27	24.8	25.9	30.9	21.5	91	96	83	68	77	93	84.7	1.5
2	56.62	56.98	57.47	54.86	55.73	56.23	56.32	24	23.2	25	27.3	24.1	24.3	24.6	27.8	22.5	97	97	93	80	99	93	93.2	17
3	55.84	56.13	57.11	55.42	56.52	58.57	56.60	23.5	23.5	26	28.1	25.1	24	25	28.6	22.8	96	97	94	79	94	99	93.2	18.4
4	58.08	59.18	60.56	58.11	59.33	60.88	59.36	23.5	22.8	27.2	29.4	26.7	24	25.6	31.3	21.9	99	98	83	78	83	96	89.5	.5
5	59.82	60.11	61.19	59.64	60.16	61.02	60.32	23.2	23	27.5	25.9	26.9	25	25.2	30	22.4	98	98	84	95	81	88	90.7	1.3
6	59.81	60.42	61.55	59.56	60.16	60.61	60.35	22.8	21.6	26.9	29.6	26.1	23.9	25.2	30.1	21	97	98	75	66	80	89	84.2	------
7	59.88	60.41	60.99	59.35	59.91	60.90	60.24	22.8	22	26.5	26.9	26.9	25.2	25	30.5	21.4	96	96	84	89	79	87	88.5	3
8	60.49	61.45	62.32	60.96	61.82	62.64	61.61	22.5	22.1	27.2	27.4	26.5	24.4	25.1	30	21.5	95	97	78	88	86	88	88.7	.3
9	62.44	63.14	63.57	60.95	61.83	63.21	62.52	22.8	21.8	27.1	30.5	26.9	23.2	25.4	30.9	21.4	95	98	81	62	69	91	82.7	------
10	62.35	63.04	64.25	61.48	61.74	63.24	62.68	21.8	20.8	27.1	30.8	26.8	24	25.2	31.2	20.3	93	96	76	60	72	91	81.3	------
11	62.39	63.09	64.24	61.21	61.79	63.24	62.66	22.6	21.4	27.6	29.9	26.8	25	25.6	30.5	20.6	95	95	73	63	74	82	80.3	------
12	61.77	62.40	63.19	60.45	61.27	62.53	61.94	23	21.6	28	31	26.4	23.6	25.6	31.4	20.8	91	91	66	54	73	90	77.5	------
13	61.13	61.44	62.39	60.11	60.79	61.40	61.21	23	21.2	27.8	30	26.4	24	25.4	30.4	20.7	96	95	67	56	75	81	78.3	------
14	60.49	60.56	61.39	58.43	58.96	59.68	59.92	23	22.5	27.2	29.6	26.8	23.8	25.5	29.9	21.7	84	85	70	61	74	81	75.8	------
15	58.24	57.87	59.36	56.53	57.21	58.63	57.97	22.5	22.5	26	29.7	26	23.6	25	30	21.6	87	87	84	65	84	90	82.8	------
16	57.71	58.28	60.19	58.12	59.66	60.99	59.16	22.5	22.4	26.5	28.1	24.6	21.3	24.2	28.5	19.6	82	81	66	65	63	74	71.8	------
17	60.45	60.57	62.01	59.37	60.71	62.05	60.86	19.2	18	24.3	26.9	22.6	19.4	21.7	27.1	17.4	81	84	62	51	66	76	70	------
18	61.46	61.83	62.61	60.67	61.38	62.65	61.77	18	16	24.5	24.8	23	21.2	21.2	26.6	15.5	85	90	63	63	70	75	74.3	------
19	61.78	62.17	63.42	60.65	61.46	62.43	61.98	19	17.5	24.1	28.5	24.1	20.8	22.3	29.4	16.6	83	87	68	49	65	82	72.3	------
20	61	61.57	62.61	59.89	60.53	61.13	61.12	18.1	16.5	24.4	27.3	23.8	20.1	21.7	27.9	16	89	95	69	58	64	79	75.7	------
21	60.50	60.55	61.64	59.08	59.30	59.68	60.12	18.6	17.1	22.2	28.4	24.6	21.2	22	28.6	16.4	90	94	74	55	65	84	77	------
22	59.58	59.98	60.61	57.33	58.05	59.23	59.13	21	20	26	29.4	27.5	24	24.6	30.1	19.4	82	87	65	57	66	80	71.2	1
23	58.51	59.39	59.75	57.18	58.84	60.23	58.98	22.2	20.5	26.1	29.9	26.8	24.8	25	30.6	19.8	91	96	72	59	69	85	78.7	------
24	59.52	59.91	60.72	58.42	59.65	61.19	59.90	23.5	23	26.5	29.2	25.4	22	24.9	29.4	20.8	96	96	80	67	73	82	82.3	------
25	60.15	61.20	62.43	60.01	60.33	61.45	60.93	20.2	18.6	27.3	29.5	26.4	22.6	24.2	30.6	17.6	91	84	57	54	66	81	72.2	------
26	60.51	60.49	61.48	59.03	59.74	60.94	60.36	22.4	21.9	27.5	30	27.7	24.5	25.7	30.4	21	82	83	60	57	63	80	70.8	------
27	59.52	60.11	60.34	58.01	59.08	59.97	59.50	22.8	23	27.6	30.4	26.4	24.5	25.8	30.9	22	91	88	70	59	72	78	76.3	------
28	58.83	59.28	59.96	57.82	59.01	59.80	59.12	23.4	23	27	29.1	26.8	24.1	25.6	29.9	22.2	85	88	77	62	71	86	78.2	------
29	58.51	58.30	59.63	57.21	58.07	59.11	58.47	23.8	21	27.7	29.8	26.5	24.5	25.6	30	20.4	85	92	59	52	66	75	71.5	------
30	58.52	58.86	59.67	57.32	58.15	59.16	58.61	23.4	22.8	26.4	29.8	27	24.5	25.6	30.6	22	83	88	65	54	77	87	75.7	------
31	57.98	58.11	59.09	57.08	57.17	58.69	58.02	23.2	22.7	26	27.6	24.6	23.1	24.5	28.5	22	94	90	75	60	75	83	79.5	------
Mean	59.76	60.18	61.14	58.73	59.55	60.64	60	22.1	21.2	26.4	28.9	25.9	23.4	24.6	29.8	20.3	90.3	91.8	73.3	64.1	73.6	84.7	79.6	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	43

Day.	Wind.														Clouds.				
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		Mean force.	6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–10*			*0–10*		
1	N	1	N	1	E	1	E	1	E	1	N	1	1	6	Ci.-S.	S.-Cu. E	8	Ci.-S.	Cu. NE
2	NE	1	ENE	1	N	2	N	4	N	3	NE	3	2.2	10	Ci.-S.	N. ENE	10	Ci.-S.	N. ENE
3	N	1	NE	1	NE	4	NE	4	E	3	N	1	2.7	10	Ci.-S.	S.-Cu. ENE	6	Ci.	Cu.-N. E
4	N	1	N	1	N	1	ENE	3	E	3	N	1	1.7	3	Ci.	S.-Cu. E	6	Ci.	Cu.-N. ESE
5	N	1	N	1	E	2	SE	2	ENE	3	N	1	1.7	7	Ci.-S.	Cu.-N. E	7	Ci.-S.	Cu.-N. E
6	N	1	N	1	ENE	1	ENE	2	E	2	N	1	1.3	1	Ci.	Cu.	3	Ci.	Cu. E
7	N	1	N	1	N	1	SE	1	SE	2	ENE	1	1.2	2	Ci.	Cu. E	8	Ci.-S.	Cu.-N. E
8	N	1	N	1	N	1	SE	2	NE	1	NE	2	1.3	5	Ci.	Cu. E	8	Ci.-S.	Cu.-N. E
9	N	1	NW	1	NW	1	E	4	E	3	E	1	1.8	2	Ci.	Cu. E	4	Ci.	Cu. E
10	N	1	N	2	N	2	E	2	E	2	N	2	1.8	4	Ci.	Cu. NE	5	Ci.	Cu. E
11	N	1	NW	1	NE	3	NE	4	NE	3	N	3	2.5	2	Ci.	Cu.	6	Ci.	Cu.ENE
12	N	1	N	1	NE	2	NE	1	NE	3	N	1	1.5	2	Ci.	Cu.	4	Ci.	Cu. E
13	N	1	Calm	----	NE	5	NNE	6	NNE	4	NNE	3	3.2	6	Ci.-S.	Cu. ENE	5	Ci.	Cu. NE
14	N	2	N	2	N	5	NNE	5	NNE	3	NNE	2	3.2	10	Ci.-S.	Cu.-N. NE	8	Ci.-S.	cu.-N.NE
15	N	2	NNE	2	NW	3	NNW	5	NW	4	NNW	3	3.2	10	Ci.-S.	Cu.-N. NE	8	Ci.-S.	Cu. NE
16	NNW	2	NNW	2	N	3	E	2	NE	3	NE	3	2.5	9	Ci.-S.	Cu.-N. NE	6	Ci.-S.	Cu. NE
17	NE	2	NE	2	NE	3	NE	5	NE	2	NE	2	2.7	3	Ci.	Cu. NE	3	Ci.	Cu. E
18	N	2	N	1	NE	2	NE	3	NE	2	ENE	3	2.2	3	Ci.	Cu.	8	Ci.	Cu. ENE
19	N	1	Calm	----	NE	2	E	3	E	3	E	2	1.8	4	Ci.	Cu. E	3	A.-Cu.	Cu. E
20	N	1	Calm	----	NE	1	E	2	E	2	N	2	1.3	8	Ci.-S.	Cu. E	6	Ci.	Cu. E
21	N	1	N	1	NNW	3	NE	3	E	2	N	1	1.7	8	Ci.-S.	Cu.-N.	5	Ci.	Cu. E
22	N	1	Calm	----	NE	2	NE	2	E	3	N	1	1.5	8	Ci.-S.	cu.-N.ESE	5	Ci.	Cu. NE
23	NW	1	NW	1	NW	3	NW	3	NW	3	N	1	2	5	Ci.	S.-Cu. E	5	Ci.	Cu. NE
24	N	1	NE	1	NE	2	NE	2	NE	2	Calm	----	1.3	7	Ci.-S.	Cu.-N. NE	7	A.-Cu.	Cu. NE
25	N	1	N	1	NE	2	NE	3	NE	2	N	2	1.7	3	Ci.	Cu.	5	A.-Cu.	Cu. NE
26	N	2	N	1	N	4	NE	3	NE	2	N	1	2.2	4	Ci.	Cu. NE	6	A.-Cu.	Cu. NE
27	N	1	NW	1	NE	3	NE	5	E	2	NE	1	1.8	5	Ci.	Cu. NE	8	A.-Cu.	Cu. NE
28	N	1	NW	1	NNE	2	E	2	E	3	E	1	2.2	8	Ci.-S.	Cu.-N. E	7	Ci.-S.	Cu.-N. E
29	N	1	NW	1	NE	2	NE	2	E	3	N	1	1.3	5	Ci.	Cu. E	8	A.-Cu. E	Cu. NE
30	Calm	----	NW	1	N	3	NE	2	NE	2	NE	1	1.5	10	Ci.-S.	Cu.-N.	9	A.-Cu.	Cu.-N. E
31	NE	1	NE	1	NNE	3	NW	3	N	3	N	1	2	10	Ci.-S.	Cu.-N. E	10	Ci.-S.	Cu.-N.
Mean	------	1.2	------	1	------	2.4	------	2.9	------	2.5	------	1.6	1.9	5.8	----------	----------	6.4	----------	----------

SAN ISIDRO.

[ϕ=15° 22′ N; λ=120° 53′ E; barometer above sea, 20 meters; gravity correction not applied, —1.69 mm.]

FEBRUARY, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.79	57.97	58.99	56.66	56.84	58.50	57.79	21.8	20.6	26.5	29.2	26.5	25.2	25	30.2	19.7	91	91	76	64	69	77	78	------
2	57.62	57.91	59.09	56.58	57.04	58.06	57.72	23.5	23	26.2	29.2	27	23.8	25.4	30.3	22.2	87	88	73	66	74	90	79.7	0.8
3	57.64	58.06	59	55.90	57.70	58.41	57.78	22.4	22.1	25.9	82.5	24.9	24.6	25.4	33.4	21.5	91	96	81	55	89	93	84.2	.3
4	57.52	57.87	59.32	57.04	56.55	58.01	57.72	23.5	23.5	24.5	26.6	26.5	24.9	24.9	28.5	22.6	96	96	94	84	85	92	91.2	7.9
5	57.76	58.37	59.72	57.27	57.34	59.21	58.28	23.6	23	25.1	29.9	27.2	23.8	25.4	30.3	22.2	97	97	91	58	75	85	83.8	------
6	58.77	59.93	60.67	57.51	57.19	58.51	58.76	21.5	19.5	23.5	30.5	26.2	21.5	23.8	31.1	18.7	95	97	88	43	60	82	77.5	------
7	58.25	58.04	59.11	56.59	56.43	57.56	57.66	20.5	20	25.1	29.6	26.4	23.4	24.2	30.2	18	91	92	76	40	61	84	74	------
8	57.53	57.98	59.37	56.87	57.14	59.47	58.06	20.8	19.2	24.2	29	25	23.4	23.6	30	18	91	96	74	46	68	73	74.7	------
9	59.25	60.39	61.55	58.77	58.98	61	59.98	19.6	17.5	24.5	29.8	27.6	23.4	23.7	30.4	17	90	95	71	48	56	75	72.5	------
10	60.80	61.15	62.59	60.03	60.09	61.70	61.06	21	19.9	25.6	30	27	23.3	24.5	31	19	91	95	73	53	63	81	76	------
11	60.75	61.63	62.57	59.87	60.09	61.78	61.12	21.6	19.2	27	30	27.4	25	25	31.6	18.4	91	94	65	53	67	80	75	.5
12	60.98	61.39	62.84	60.22	60.57	62.24	61.37	22.7	22.6	24.4	30	26	24.5	25	30	22	96	97	91	60	69	78	81.8	1.8
13	61.24	61.64	62.59	59.98	60.11	62.60	61.36	22.8	21.5	27.7	30.5	27.1	24.2	25.6	31.1	20.7	88	91	65	56	63	82	74.2	------
14	61.59	62.52	63.05	60.12	59.76	61.34	61.40	23.4	22.5	27	29	26.5	23.5	25.3	30.9	21.6	86	90	63	64	68	87	76.3	------
15	60.20	60.60	61.89	59.32	59.98	61.69	60.61	21.6	20	29	29.9	26.2	24	25.1	30.3	19.4	91	94	58	62	85	93	80.5	2.3
16	60.58	60.98	62.27	59.14	59.25	61.16	60.56	23	22.1	26.4	30.2	27.6	24.7	25.7	30.7	21.4	98	99	79	61	77	81	82.5	------
17	59.96	60.61	61.67	58.26	58.41	60.25	59.86	22.6	22.3	28.2	31.5	28.9	25.9	26.6	31.9	21.6	95	96	69	57	67	80	77.3	------
18	58.86	59.71	60.07	57	57.59	58.85	58.68	23.8	22.4	28.8	32.8	28	26.1	27	33	21.8	93	96	68	54	67	77	75.8	------
19	57.86	58.28	59.50	56.86	57.37	58.51	58.06	24	22.8	27.7	30	27.5	26	26.3	30.6	22.4	91	93	75	61	66	76	77	1.8
20	57.20	57.61	59.02	56.84	57.45	59.09	57.87	25.2	24	26.6	29.9	27.5	25.5	26.4	30.9	23.3	83	91	84	64	70	84	79.3	.5
21	58.56	58.30	59.28	57.08	56.93	58.21	58.06	24.5	23.6	28	30.7	27.9	26.5	26.9	31.6	23.1	87	91	71	59	67	76	75.2	------
22	58.10	58.47	59.38	56.92	57.37	58.61	58.14	23.8	24	27.9	30.4	27.1	26.4	26.6	31.8	23.5	91	88	72	59	70	76	76	------
23	57.81	58.23	59.42	56.39	57.22	58.86	57.99	24	22.6	29	31.7	28.5	25.8	26.9	33.8	22	91	91	68	51	64	81	74.3	------
24	57.76	58.38	59.45	57.06	57.53	59	58.20	23.4	21.9	28.1	32.1	28.9	24.6	26.5	33.4	21.4	91	94	70	54	59	79	74.5	------
25	58.36	59.32	60.49	57.19	57.12	58.97	58.58	22	20.6	28	33	29.8	25.4	26.5	33.7	20.3	93	94	68	48	58	77	73	------
26	58.73	59.09	60.60	57.32	57.27	58.76	58.63	23.4	21.3	27.9	32.1	28.4	25.6	26.4	33.2	20.4	88	90	68	46	57	73	70.3	------
27	57.76	58.77	60.07	57.21	57.80	59.69	58.55	24	22	28.5	31.6	26.9	25	26.3	33.5	21.5	83	91	59	54	64	74	70.8	------
28	58.76	59.67	60.59	57.50	57.79	59.96	59.04	24	23.5	28.8	31.5	28.1	22.9	26.5	32.4	21.7	83	85	68	45	55	77	68.8	------
29	59.43	60.05	61.05	58.20	57.98	59.75	59.41	21.5	19.6	27.9	32.7	29	24.6	25.9	33.6	19	87	92	68	52	68	89	76	------
Mean	58.88	59.41	60.52	57.78	58.03	59.65	59.04	22.7	21.6	26.8	30.5	27.3	24.6	25.6	31.5	20.8	90.6	93.1	73.3	55.8	67.6	81.1	76.9	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	15.9

Day.	Wind.														Clouds.				
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		Mean force.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.			Amount.	Form and direction. Upper.	Lower.	Amount.	Form and direction. Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*		*0–10*			*0–10*		
1	N	1	N	1	NE	3	ENE	3	ENE	1	N	1	1.7		2	Ci.	Cu.	9	Ci.-S.	Cu.-N. ENE
2	N	1	Calm	----	NW	1	NNE	1	ESE	2	N	1	1		6	Ci.	Cu.-N.	8	Ci.-S.	Cu.-N. E
3	NW	1	Calm	----	NW	1	S	2	NW	3	NW	1	1.3		10	Ci.-S.	Cu.-N.SE	6	Ci.	Cu.-N. SSW
4	NW	1	Calm	----	S	2	S	4	SSW	2	S	1	1.7		10	Ci.-S.	Cu.-N.SSW	6	A.-Cu.	Cu. S
5	NW	1	NW	1	NW	3	SW	2	NW	1	NW	1	1.5		10	Ci.-S.	S.	5	Ci.	Cu. SW
6	NW	1	NW	1	NW	1	SW	3	SW	1	N	1	1.3		10	Ci.-S.	S. NW	2	A.-Cu.	Cu.
7	NW	1	NW	1	N	2	N	1	E	1	N	1	1.2		10	Ci.-S.	S.-Cu. N	2	A.-Cu.	Cu.
8	N	1	N	1	WNW	1	NW	1	NW	1	NW	1	1		5	Ci.	S.	2	A.-Cu.	Cu. N
9	NW	1	NW	1	N	3	NE	1	NE	1	NW	1	1.3		5	Ci.	S.	1	A.-Cu.	Cu. NNE
10	NW	1	NW	1	NW	1	NNW	2	E	2	N	1	1.3		9	Ci.-S.	Cu.-N. E	5	Ci.	Cu. E
11	N	1	N	1	N	2	E	1	E	1	Calm	----	1		1	----------	S.	6	A.-Cu.	Cu. E
12	N	1	Calm	----	N	1	E	3	E	3	N	1	1.5		10	Ci.-S.	Cu.-N.ESE	5	Ci.	Cu. E
13	N	1	N	1	NE	3	ENE	3	ENE	3	NE	2	2.2		7	Ci.	S.-Cu. E	6	Ci.	Cu. E
14	N	1	N	1	N	3	E	2	ESE	3	N	1	1.8		9	Ci.-S.	S.-Cu. E	9	Ci.-S.	Cu.-N. E
15	N	1	N	1	SE	2	SE	1	SE	1	SE	1	1.2		3	Ci.	Cu. E	9	Ci.-S.	Cu.-N. E
16	Calm	----	N	1	N	2	N	1	Calm	----	NE	1	.8		6	Ci.	S.-Cu. E	7	Ci.	Cu.-N. E
17	NW	1	NW	1	NE	2	ENE	2	ENE	3	NW	1	1.7		3	Ci.	S.-Cu.	8	Ci.-S.	Cu.-N.ENE.
18	NW	1	N	1	N	2	E	1	E	2	NE	1	1.3		4	Ci.	S.	6	Ci.	Cu.-N.ENE.
19	NE	1	NE	1	NE	2	ESE	3	ESE	3	NE	2	2		8	Ci.-S.	S.-Cu.NE	8	Ci.-S.	Cu.-N. E
20	N	1	N	1	NE	2	E	4	E	3	E	1	2		7	Ci.-S.	S.-Cu. E	8	Ci.-S.	Cu.-N. E
21	N	1	N	1	N	1	ESE	3	ESE	3	ESE	1	1.7		7	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.-N. E
22	NE	1	NE	2	NE	2	SE	4	SE	4	SE	1	2.3		9	Ci.-S.	Cu.-N.ENE	9	Ci.-S.	Cu.-N. E
23	N	1	N	1	NE	3	NE	3	SE	3	NE	1	2		5	Ci.	S.-Cu.	4	A.-Cu.	Cu. E
24	NE	1	N	1	NE	1	SE	3	SE	1	NE	2	1.5		3	Ci.	S.	5	Ci.	Cu. E
25	N	1	NE	1	E	2	SE	2	SE	1	NE	1	1.3		3	Ci.	S.-Cu.	5	Ci.	Cu. E
26	NE	1	Calm	----	NNE	2	NNE	2	E	3	Calm	----	1.3		3	Ci.	S.-Cu.	6	Ci.	Cu. NE
27	NE	1	NE	1	NE	1	E	2	E	5	E	2	2		6	Ci.-S.	Cu. ENE	5	Ci.	Cu.-N. E
28	Calm	----	Calm	----	E	1	E	3	E	2	N	2	1.3		8	Ci.	S.-Cu. E	3	Ci.	Cu.-N.
29	N	1	N	1	NW	3	NW	4	NW	2	NW	2	2.2		2	Ci.	Cu. E	4	Ci.	Cu. NE
Mean	-------	0.9	-------	0.8	-------	1.9	-------	2.3	-------	2.1	-------	1.1	1.5		6.2	----------	----------	5.8	----------	----------

SAN ISIDRO.

[$\phi = 15° 22'$ N; $\lambda = 120° 53'$ E; barometer above sea, 20 meters; gravity correction not applied, —1.69 mm.]

MARCH, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.58	60.41	61.50	58.92	59.21	61.20	60.14	23.5	23	28	30.6	26.1	23.8	25.8	32	21.7	94	95	68	51	65	88	76.8	------
2	60.13	60.43	61.75	58.84	59.45	61.41	60.34	21.5	19.7	27	29.7	25	22.7	24.3	30.9	19.1	90	93	56	53	64	78	72.3	0.5
3	60.98	61.07	62.24	59.43	59.90	61.56	60.86	21	22	23.6	28.2	26.6	23	24.1	29.4	20.1	91	91	85	62	62	83	79	1
4	61.27	61.71	62.80	59.70	59.22	61.69	61.06	21.5	20.1	27.9	31.9	29	26	26.1	32.9	19.4	91	93	65	51	64	79	73.8	------
5	60.58	60.91	61.67	58.85	59.02	60.64	60.28	22.8	21.6	29.2	32.2	27.6	25.6	26.5	33	21	91	93	63	52	64	76	73.2	------
6	59.78	60.02	60.88	57.57	57.95	59.26	59.24	23	22.7	28	32.2	27.6	26	26.6	33	22.1	90	89	64	52	66	76	72.8	------
7	58.08	58.38	59.69	56.80	56.65	58.79	58.06	23	22	28.8	32.6	30	27.2	27.3	34.5	21.4	87	91	68	55	61	75	72.8	------
8	58.06	58.91	60.58	57.24	57.18	60	58.66	25.4	21.9	28.7	33.7	30	26	27.6	34.4	21.5	80	92	73	52	57	80	72.3	------
9	59.41	60.06	61.64	58	58.58	59.95	59.61	23.6	22	29.3	33.9	28.1	25	27	34.3	21.2	91	96	68	49	63	76	73.8	------
10	59.38	59.95	60.59	57.41	57.42	59.49	59.04	23	20.6	29.4	34.1	31	26	27.4	35.1	20.2	91	94	62	47	55	84	72.2	------
11	58.92	59.46	60.50	57.71	57.98	60.09	59.11	23.4	22.4	29.3	32.2	28.1	25.8	26.9	33	22	91	96	71	50	63	75	74.3	------
12	59.91	60.32	61.31	58.58	58.71	60.84	59.94	22.4	20.6	29.6	33.4	28.6	26	26.8	34.1	20.2	91	94	58	42	56	72	68.8	------
13	60.38	60.81	61.87	59.41	59.54	61.09	60.52	23	22	30.4	32.5	28.5	26.9	27.2	33.5	21.2	87	87	59	54	63	67	69.5	------
14	60.20	60.26	60.69	57.95	58.29	60.41	59.63	24.6	22.5	30	33.8	29	27.2	27.8	34.8	21.9	79	91	56	48	61	70	67.5	------
15	59.42	59.65	59.74	57.01	57.97	60.31	59.02	25	23	30.2	33.5	29	26	27.8	34.5	22.5	83	87	56	45	60	73	67.3	------
16	59.06	59.69	60.95	58.26	58.82	61.10	59.65	24.6	22.1	30.4	32.9	27.8	25.8	27.3	33.5	21.6	82	91	54	47	61	70	67.5	------
17	59.86	60.72	61.94	59.02	59.02	61.17	60.29	22.4	21.1	29	32.1	28.2	26	26.5	33.4	21	84	90	62	50	62	72	70	------
18	60.33	60.63	61.04	58.28	59.14	61.60	60.17	24.8	22.6	30	32.7	27.6	26	27.3	34.2	22	77	86	59	49	62	72	67.5	.5
19	60.46	60.63	61.03	58.70	58.44	59.71	59.83	24.5	23.4	30.9	32.6	28.5	25.4	27.6	33.1	23	79	85	56	48	62	79	68.2	------
20	58.98	59.96	60.76	58.08	58.03	59.60	59.24	23.4	21.6	30.8	34.4	29.6	27	27.8	35.4	20.9	88	90	62	49	63	74	71	------
21	58.96	60.18	60.81	58.57	58.72	60.74	59.66	24.6	23	31.2	34.7	30.1	26	28.3	35.4	22	87	90	58	45	59	75	69	------
22	60.46	61.09	61.83	59.12	59.51	61.53	60.59	24.2	21.8	31.4	35.5	29.6	25.6	28	36	21.4	82	91	55	42	58	75	67.2	------
23	60.32	61.50	62.22	60.27	60.61	62.70	61.27	23.8	21.8	31.5	32.9	28.2	25	27.2	34.1	21	88	96	59	49	68	79	72.3	------
24	62.14	62.63	63.62	61.08	61.65	63.43	62.42	24.8	24	29	30.7	27	24.3	26.6	33.5	23.5	82	84	64	54	63	76	70.5	------
25	62.41	62.87	63.57	60.56	60.85	62.55	62.14	22.8	21.4	28.5	31	26.2	25	25.8	32.2	20.6	84	89	58	52	66	72	70.2	------
26	61.76	62.54	63.14	60.57	60.32	61.54	61.64	22.8	21.9	29.5	32.4	27.8	25.6	26.7	33.1	21.4	84	84	61	50	62	78	69.8	------
27	60.98	61.89	62.76	60.60	60.87	62.50	61.60	22.6	21.5	29.1	31.1	28	25.5	26.3	32.1	21.1	91	91	65	53	66	74	73.3	------
28	61.01	61.76	62.18	58.91	59	60.97	60.64	22.5	20.6	30.1	34	31	26.5	27.4	35.9	20	87	92	60	40	56	82	69.5	------
29	59.94	60.31	60.76	58.10	58.48	60.19	59.63	25	23.9	30.3	33.1	29	26.5	28	34.3	23.4	88	88	62	47	59	69	68.8	------
30	59.72	60.19	60.37	57.86	58.02	59	59.19	24	20.9	31.4	33.7	28.9	26.5	27.6	34.5	20.2	83	92	50	45	59	68	66.2	------
31	58.68	59.24	59.82	56.59	56.58	58.94	58.31	23.4	22	31.6	35.6	32.5	27.4	28.8	36.9	21.5	88	89	58	39	49	70	65.5	------
Mean	60.04	60.59	61.43	58.64	58.88	60.78	60.06	23.4	21.9	29.5	32.7	28.5	25.7	27	33.8	21.3	86.5	90.6	61.8	49.1	61.1	75.4	70.7	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	2

Day.	Wind.														Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		Mean force.	6 a. m.			2 p. m.			
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.		Amount.	Form and direction.		Amount.	Form and direction.		
															Upper.	Lower.		Upper.	Lower.	
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–10*			*0–10*			
1	N	1	NE	1	NE	3	NE	2	SE	4	NE	2	2.2	6	Ci.	Cu. NE	6	Ci.	Cu.-N. NE	
2	N	1	N	1	N	2	ESE	5	ESE	5	N	1	2.5	4	Ci.	S.	5	Ci.	Cu. E	
3	N	1	ENE	1	ENE	2	ENE	4	ENE	4	N	1	2.2	9	Ci.-S.	Cu.-N. E	7	Ci.-S.	Cu.-N. E	
4	N	1	N	1	N	4	N	4	E	3	N	1	2.3	4	Ci.	Cu. E	4	Ci.	Cu. NE	
5	N	1	N	1	NE	2	NE	3	E	3	N	1	1.8	4	Ci.	Cu. NE	6	Ci.	Cu. NE	
6	N	1	N	1	NE	2	NE	2	NE	2	NE	2	1.7	6	Ci.	S.-Cu. E	4	Ci.	Cu. E	
7	N	1	N	1	N	3	NE	3	NW	3	N	1	2	2	Ci.	S.-Cu.	6	A.-Cu.	Cu.-N. E	
8	N	1	Calm	1	ENE	1	N	3	NW	3	NE	2	1.7	2	Ci.	S.	4	A.-Cu.	Cu.-N.	
9	NE	1	NE	1	NE	1	NE	3	ESE	4	NE	2	2	3	Ci.	S.-Cu.	4	A.-Cu.	Fr.-Cu. NE	
10	N	1	N	1	NE	1	SE	1	SE	3	N	1	1.3	2	Ci.	S.	5	A.-Cu.	Cu.-N. NE	
11	N	1	N	1	N	3	ESE	4	ESE	3	N	1	2.2	7	Ci.-S.	Cu. N	3	A.-Cu.	Cu. E	
12	N	1	N	1	N	3	E	4	E	3	NE	1	2.2	4	Ci.	------	3	Ci.	Cu.-N.	
13	N	1	NW	1	NW	2	E	4	E	4	E	4	2.7	4	Ci.	S.-Cu. E	5	Ci.	Cu.-N. E	
14	N	1	N	1	N	3	E	4	E	3	E	2	2.3	1	Ci.	------	5	Ci.	Cu. E	
15	N	1	N	2	NNE	3	E	4	E	4	NE	3	2.8	2	Ci.	Cu.	3	A.-Cu.	Cu. NE	
16	N	1	N	1	N	2	E	5	E	4	E	3	2.7	3	Ci.	S.-Cu.	3	A.-Cu.	Cu.-N. NE	
17	NW	1	Calm	----	E	1	E	4	E	4	E	3	2.2	2	Ci.	S.-Cu.	7	Ci.	Cu. E	
18	N	1	N	1	N	2	E	4	E	4	NE	3	2.5	2	Ci.	Cu.	5	A.-Cu.	Cu. E	
19	NNE	2	NNE	2	NE	3	E	5	E	4	NNE	2	3	10	Ci.-S.	Cu.-N. E	5	A.-Cu.	Cu. E	
20	N	1	Calm	----	E	3	E	2	E	2	E	1	1.5	1	Ci.	------	5	A.-Cu.	Cu.-N.	
21	N	1	N	1	E	2	ESE	3	ESE	2	N	1	1.7	6	Ci.	S.-Cu. E	3	A.-Cu.	Cu.-N.	
22	N	1	N	1	E	1	E	2	ESE	3	N	1	1.5	2	Ci.	S.	4	A.-Cu.	Cu.-N. E	
23	N	2	N	1	E	4	ESE	5	ESE	5	ESE	1	3	2	Ci.	Cu.-N.	4	Ci.	Cu.-N. E	
24	N	1	N	1	E	1	ESE	3	ESE	4	E	1	1.8	8	Ci.	Cu.-N. E	7	Ci.	Cu.-N.ENE	
25	N	1	N	1	E	1	SE	5	SE	5	NNE	1	2.3	3	Ci.	Cu.	4	A.-Cu.	Cu. E	
26	N	1	N	1	ESE	4	ESE	4	ESE	3	Calm	----	2.2	2	A.-Cu.	Cu.	4	Ci.	Cu. E	
27	N	1	N	1	ESE	1	ESE	4	ESE	2	ESE	1	1.7	5	Ci.	Cu. E	8	Ci.	Cu.-N. E	
28	N	1	N	1	ESE	1	N	1	NE	1	NE	2	1.2	2	Ci.	------	5	A.-Cu.	Cu. NE	
29	N	1	E	1	NE	3	E	4	E	3	NE	1	2.2	6	Ci.	Cu. E	2	A.-Cu.	Cu. E	
30	NE	1	NE	1	E	5	E	4	E	4	E	2	2.8	2	Ci.	------	1	A.-Cu.	------	
31	N	1	N	1	NE	2	NE	1	S	3	NE	2	1.7	2	Ci.	------	4	A.-Cu.	Cu. E	
Mean	------	1.1	------	1	------	2.3	------	3.4	------	3.4	------	1.6	2.1	3.8	------	------	4.5	------	------	

SAN ISIDRO.

[$\phi = 15° 22'$ N; $\lambda = 120° 53'$ E; barometer above sea, 20 meters; gravity correction not applied, —1.69 mm.]

APRIL, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.37	57.89	58.64	55.54	55.89	58.58	57.48	24.6	22	30.5	35	31.9	27.5	28.6	37	21.4	82	95	56	46	57	77	68.8	------
2	57.94	58.18	59.35	57.22	57.90	60.94	58.59	25.6	23.3	31.6	36	31.1	26.6	29	36.6	23	87	94	59	45	52	75	68.7	------
3	59.96	60.21	60.88	58.65	58.85	61.02	59.93	23.8	22.2	31.6	36	32.5	27.1	28.9	37	21.7	91	93	57	42	55	78	69.3	------
4	60.34	60.81	61.63	58.69	58.85	61.43	60.29	25.4	23.6	30.1	34	30.6	26	28.3	36	23.1	88	95	68	50	59	92	75.3	56.7
5	60.96	61.53	62.55	60.59	60.75	63.15	61.59	23	23.2	26.6	28.4	26.6	25.6	25.6	29.1	22.5	98	98	87	73	74	75	84.2	.5
6	61.74	62.09	62.84	61.04	61.35	63.49	62.09	24.2	23.4	28.6	29.8	26.5	24.6	26.2	31.6	23	86	93	68	63	71	82	77.2	------
7	62.94	63.13	63.76	61.96	62.17	63.90	62.98	23.2	23.2	29.1	30.6	27.8	24.5	26.4	31.9	22.7	91	93	70	62	68	87	78.5	------
8	62.95	63.21	63.57	60.32	60.77	62.19	62.17	23.4	22.5	28.9	31.9	27.6	26.6	26.8	32.6	22	91	91	67	50	64	69	72	------
9	61.11	61.66	62.13	59.96	60.51	61.53	61.15	23	22.5	29.8	31.6	28.4	25	26.7	33.3	21.9	91	91	62	62	68	85	76.5	------
10	60.68	61.22	62.03	59.74	60.06	61.34	60.84	23.2	21.6	31	33.2	28.5	26	27.2	34.3	21	95	96	62	52	66	79	75	------
11	60.98	61.52	61.73	59.42	60.11	61.49	60.88	23.8	22.5	30.4	32.9	28.8	26	27.4	33.4	22	93	96	61	53	63	81	74.5	------
12	60.81	61.30	62.10	60.22	60.58	61.84	61.14	24.8	22.7	30.7	32.1	29	27	27.7	34.2	22.2	92	94	58	57	60	71	72	.5
13	60.95	61.50	61.97	59.59	59.94	61.70	60.94	25.6	23.8	30.8	33.2	29	26	28.1	33.8	23.4	84	97	65	51	57	69	70.5	------
14	60.71	60.89	61.79	59.18	59.03	60.88	60.41	22	21.4	29.4	34.5	29.5	27	27.3	34.7	20.5	91	92	68	51	64	77	73.8	------
15	59.16	59.68	59.97	57.65	57.99	60.09	59.09	24.2	22.6	32	34.1	29.5	27	28.2	35	22	91	95	57	51	64	72	71.7	------
16	59.07	59.66	59.97	57.40	58.08	59.61	58.96	25.4	22.2	30.6	33.8	29	26	27.8	34.6	21.5	80	94	59	50	64	76	70.5	------
17	58	58.28	58.42	55.92	56.43	58.21	57.54	23.7	22.5	32	34.4	30.5	26.5	28.3	36.1	22	91	92	57	54	60	83	72.8	------
18	56.14	56.88	57.23	54.18	55.11	57.05	56.02	24.8	23.4	31.9	35.4	29.7	26.3	28.6	36	22.7	88	95	64	51	71	86	75.8	------
19	56.51	56.66	57.87	55.19	55.84	57.89	56.66	24	23.2	31.1	35	26.8	24.1	27.4	35.5	22.8	95	98	70	49	80	92	80.7	1.3
20	57.09	57.23	57.77	55.13	55.13	57.24	56.60	22.8	22.1	29.6	34.5	29.4	26.4	27.5	35.4	21.9	97	98	66	46	79	84	78.3	1.5
21	56.66	56.98	57.77	55.38	55.60	57.30	56.62	24.2	23.6	30.3	34.5	31.8	27	28.6	35.4	23.2	91	93	62	46	61	78	71.8	------
22	56.94	57.45	57.73	55.23	55.54	57.41	56.72	24.2	24.5	31.4	35.4	32	25.6	28.8	35.8	23.6	91	92	70	51	66	97	77.8	30.7
23	56.44	56.83	57.14	54.69	54.53	56.91	56.09	25.2	24.1	30.1	34.1	30.6	27	28.5	34.5	23.7	98	99	77	59	71	93	82.8	1.3
24	56.21	57.03	57.26	54.82	55.19	58.10	56.44	26.8	25.9	31	34.6	31.2	24.4	29	35	23.4	94	96	69	56	64	92	78.5	10.4
25	57.51	57.76	58.86	56.05	56.57	58.55	57.55	24	24.5	27.6	33	30.1	26.2	27.6	34.4	23.5	96	97	80	55	64	82	79	------
26	57.95	58.87	59.72	56.85	59.14	60.16	58.78	25	23.6	30.7	34.9	25.5	24.9	27.4	35.5	23.1	90	95	69	48	86	93	80.2	2.1
27	58.52	58.94	59.66	57.16	57.63	59.66	58.60	24	23	30.5	33.8	30.5	26.1	28	34.9	22.3	96	96	66	48	56	80	73.7	------
28	58.69	59.30	59.71	56.45	58.11	59.64	58.65	24.5	23.5	31.6	34.4	25.6	24.6	27.4	35.5	22.8	92	91	64	50	90	93	80	13.5
29	58.46	59.01	59.57	56.86	57.17	59.81	58.48	23.8	23.7	30.9	34.5	30.2	25.5	28.1	34.5	22.7	95	97	66	53	60	88	76.5	------
30	58.82	59.26	60.17	57.57	58.99	60.35	59.19	24.6	23.4	30.2	30.6	26.4	24.5	26.6	33.6	22.6	88	93	68	70	84	92	82.5	------
Mean	59.09	59.48	60.13	57.62	58.13	60.05	59.08	24.2	23.1	30.4	33.5	29.2	25.9	27.7	34.6	22.5	91.1	94.6	65.7	53.1	66.6	82.6	75.6	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	118.5

Day.	Wind.														Clouds.				
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		Mean force.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.			Amount.	Form and direction.		Amount.	Form and direction.	
																Upper.	Lower.		Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*		*0–10*			*0–10*		
1	N	1	N	1	N	1	NE	1	S	3	NW	1	1.3		5	Ci.	S.-Cu.	4	A.-Cu.	Cu. E
2	NW	1	NW	1	NW	1	S	2	E	3	NW	1	1.5		2	Ci.		6	A.-Cu.	Cu.-N. SE
3	NW	1	Calm	----	NW	2	SW	2	NW	3	NW	3	1.8		2	Ci.		4	A.-Cu.	Cu.-N.
4	N	1	N	1	N	2	E	1	E	1	Calm	----	1		3	Ci.	S.	6	A.-Cu.	Cu. NE
5	SW	3	Calm	----	N	1	E	3	E	4	E	2	2.2		9	Ci.-S.	Cu.-N.	10	Ci.-S.	cu.-N.NE
6	N	1	Calm	----	E	1	E	4	ESE	4	E	2	2		7	Ci.-S.	Cu. E	5	A.-Cu.	Cu. E
7	NW	1	NW	1	NE	3	ESE	4	ESE	3	ESE	1	2.2		6	Ci.	Cu.-N. E	5	A.-Cu.	Cu.-N. E
8	NW	1	NW	1	N	3	E	4	ESE	5	Calm	----	2.3		6	Ci.	S.-Cu. E	2	Ci.	Cu. E
9	NW	1	NW	1	NW	2	ESE	4	ESE	4	ESE	1	2.2		4	Ci.	Cu. E	6	A.-Cu.	Cu. E
10	N	1	N	1	ESE	3	ESE	4	ESE	3	Calm	----	2		2	Ci.		3	A.-Cu.	Cu. E
11	N	1	N	1	N	3	ESE	5	ESE	4	ESE	1	2.5		2	Ci.	Cu. E	3	A.-Cu.	Cu. E
12	Calm	----	N	1	NE	3	E	4	E	4	E	1	2.2		3	Ci.	S.-Cu. E	6	Ci.	Cu.-N. E
13	Calm	----	N	1	ESE	5	ESE	5	ESE	5	ESE	1	2.8		4	Ci.	Cu. E	4	A.-Cu.	Cu. E
14	N	1	N	1	NE	1	NE	2	ESE	2	E	1	1.3		2	A.-Cu.	Cu. E	3	A.-Cu.	Cu. E
15	N	1	N	1	ESE	4	ESE	3	ESE	3	N	1	2.2		2	Ci.	Cu.	2	Ci.	Cu. E
16	N	1	N	1	E	2	E	2	E	2	N	2	1.7		3	Ci.	Cu.	6	Ci.	Cu.-N. E
17	N	1	N	1	NE	2	NE	2	ENE	4	N	2	2		5	Ci.	Cu.	6	Ci.	Cu.ENE
18	Calm	----	NE	1	NNE	2	NW	2	NNW	2	NW	1	1.3		5	Ci.	Cu.	6	Ci.	Cu-N. N
19	NW	1	N	1	W	2	W	1	WNW	5	SW	1	1.8		2	Ci.	S.-Cu.	5	A.-Cu.	Cu.WNW
20	Calm	----	Calm	----	SW	1	SW	1	SW	1	N	2	.8		2	Ci.	S.	3	A.-Cu.	Cu. W
21	N	1	N	1	N	2	N	1	Calm	----	N	2	1.2		4	A.-Cu.	S.-Cu. W	4	A.-Cu.	Cu.-N.
22	N	1	Calm	----	NE	1	NE	1	NE	2	NE	1	1		7	Ci.	Cu. NW	5	A.-Cu.	Cu. NE
23	NE	1	Calm	----	NE	1	S	2	S	1	NE	2	1.2		4	Ci.	S.	4	A.-Cu.	Cu.-N.
24	Calm	----	Calm	----	S	2	S	3	N	4	N	1	1.7		8	Ci.	Cu. N	5	A.-Cu.	Cu. E
25	N	1	N	2	N	2	N	2	E	2	N	3	2		9	Ci.-S.	Cu.-N.NE	4	A.-Cu.	Cu -N.
26	N	1	Calm	----	N	2	E	2	E	2	N	1	1.3		3	Ci.	Cu.-N.	5	Ci.-S.	cu.-N.NE
27	N	1	Calm	----	NE	1	E	2	E	3	Calm	----	1.2		6	Ci.	S.	4	A.-Cu.	Cu. E
28	N	1	N	1	NE	2	NE	2	NE	1	N	2	1.5		1	----------	Cu.	4	A.-Cu.	cu.-N. SE
29	N	1	N	1	ESE	2	ESE	1	ESE	2	N	1	1.3		6	Ci.	S.-Cu. E	5	A.-Cu.	Cu. E
30	N	1	N	1	NE	2	N	2	N	2	N	1	1.5		3	Ci.	Cu.-N.	5	Ci.	Cu.-N. E
Mean	-------	0.9	-------	0.7	-------	2	-------	2.5	-------	2.8	-------	1.8	1.7		4.2	----------	----------	4.7	----------	----------

SAN ISIDRO.

[ϕ=15° 22′ N; λ=120° 53′ E; barometer above sea, 20 meters; gravity correction not applied, —1.69 mm.]

MAY, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.38	59.68	60.63	57.69	57.60	59.39	59.06	23.5	22.7	30	33	30.4	27.5	27.8	33.9	22	96	98	65	58	58	73	74.7	------
2	58.57	58.73	59.17	56.86	57.22	59	58.26	24.8	23.5	31.2	33.5	29.4	26	28.1	34.7	22.9	88	94	58	44	62	76	70.3	------
3	58.02	57.99	58.87	56.74	56.89	58.87	57.90	24	23.4	31.9	32.8	29.7	27.6	28.2	34.8	22.4	86	87	52	51	63	73	68.7	------
4	57.24	57.91	59.32	57.34	57.64	59.58	58.17	25.8	25	29.5	33.5	29.8	27.4	28.5	34.4	24.4	81	83	64	49	62	67	67.7	------
5	57.48	58.17	59.17	56.98	57.53	59.15	58.08	23.6	22.5	32.3	34	29.8	27	28.2	34.5	21.8	86	90	51	43	55	67	65.3	-----
6	58.01	58.39	59.08	57.06	57.06	58.45	58.01	23.2	22.5	31.4	30.9	30	27	27.5	35.2	22	90	90	56	62	61	72	71.8	------
7	57.63	57.90	58.55	56.96	57.29	59.34	57.94	24.4	23.5	31.8	32	29.4	27	28	33.4	22.8	87	89	61	63	66	80	74.3	1.5
8	58.40	59.21	59.82	57.60	58.14	59.79	58.83	25	24.1	30.4	34.5	29.4	27.5	28.5	34.9	23.5	90	96	66	46	62	70	71.7	------
9	58.71	59.73	60.51	58.48	58.71	60.20	59.39	26.4	24	32	34.6	30	27.1	29	35.4	23	76	87	49	46	59	72	64.8	------
10	59.31	59.38	59.88	57.45	57.76	59.17	58.82	24	23	31.1	33.5	30	27.2	28.1	34.4	22.2	91	90	60	50	62	73	70.1	------
11	57.84	58.45	58.91	57.17	57.04	58.92	58.06	25.5	23.5	31	31.6	29.8	26.8	28	33.6	22.3	80	92	64	60	65	71	72	------
12	57.91	58.77	58.87	56.72	57.21	59.31	58.14	26	25.7	33.4	34.5	31	28	29.8	35.5	25	84	86	56	51	63	80	70	------
13	57.74	58.34	58.82	56.80	57.61	59.21	58.09	25.8	25	30.1	31.7	29	26.5	28	32.1	24.4	88	92	73	62	74	88	79.5	------
14	57.34	57.90	57.96	55.84	56.36	58.52	57.32	25	24.2	30.2	33.6	27.6	23.8	27.4	34.5	23.5	92	96	68	52	80	97	80.8	10.9
15	56.87	57.12	57.93	55.50	56.50	59.06	57.08	23.6	23.4	28	33.8	26	25.1	26.6	34.6	22.6	98	97	78	54	93	97	86.2	7.9
16	58.18	58.65	59.58	57.93	60.09	61.04	59.24	24.2	23.8	31.1	33.7	27.8	23.8	27.4	34.3	23.2	96	98	70	57	71	97	81.5	2.8
17	60.47	60.16	61.19	59	58.83	60.79	60.07	23.6	23.5	29	31	28.6	26.5	27	32.4	22.9	99	99	74	68	71	77	81.3	------
18	59.84	59.91	59.41	57.46	57.20	58.64	58.74	24	23	31.1	34.1	29.8	26	28	34.7	22.4	91	91	71	54	71	84	77	------
19	57.86	58.93	58.95	56.62	55.96	58.77	57.85	25	23.6	32	35	33	25.5	29	35.6	23.1	88	95	60	52	60	88	73.8	------
20	58.27	58.57	58.93	56.56	58.27	60.02	58.44	26	24.6	31.6	36.1	25.4	24	28	36.5	23.5	88	97	68	52	88	97	81.7	5.3
21	58.22	58	58.43	56.36	58.12	59.22	58.06	23.8	23.9	30.3	34.6	23.5	23.5	26.6	35.2	23	98	97	83	54	97	96	87.5	51.8
22	57.93	57.91	58.49	56.62	57.73	59.20	57.98	23	22.5	28.5	32.9	28.4	25	26.7	33.5	22	97	99	81	64	75	92	84.7	------
23	57.78	58.49	58.92	57.01	56.80	58.39	57.90	23.2	22.5	30.8	33.4	30	27.1	27.8	33.7	21.8	97	96	73	50	62	78	76	------
24	57.40	58.31	58.90	57.06	57.01	58.29	57.83	25	24	31.6	33	30.1	26.5	28.4	34.2	23.2	92	93	70	61	62	84	77	------
25	57.92	58.78	59.46	57.11	57.43	58.84	58.26	25.2	24.5	30	33.2	30.2	27	28.4	34.1	23.6	90	94	72	63	68	83	78.3	------
26	57.44	58.16	58.32	56.38	56.81	58.38	57.58	25	24.2	31.6	33	29.6	28	28.6	35.2	23.3	92	95	64	60	70	80	76.8	------
27	56.91	57.14	57.73	55.30	55.81	57.89	56.80	26.5	25.5	30.6	32.8	30.1	27.5	28.8	33.9	24.4	88	93	71	59	68	81	76.7	.3
28	56.01	56.56	57.35	55.61	55.80	58.09	56.57	26.2	25.3	31.7	32.9	29.5	27	28.3	34.7	24.4	86	93	67	64	81	84	79.2	------
29	56.44	56.47	56.77	55.15	55.72	59.20	56.62	25.8	25	32.1	34.4	30.1	24.5	28.6	35.1	24	92	94	69	59	76	96	81	.3
30	57.46	58.50	58.68	56.74	56.82	58.77	57.83	24.3	24	28.7	33.1	31	28	28.2	33.6	23.3	97	98	83	63	75	88	84	------
31	57.75	57.93	58.48	56.86	57.54	59.21	57.96	26.4	26.1	30.7	31.5	27.6	26	28	34.6	25	94	95	74	69	87	95	85.7	5.3
Mean	57.93	58.39	58.94	56.87	57.31	59.12	58.09	24.8	23.9	30.8	33.3	29.2	26.4	28.1	34.4	23.2	90.3	93.4	66.8	56.1	69.9	82.5	76.5	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	86.1

Day.	Wind.													Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		Mean force.	6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–10*			*0–10*		
1	N	1	N	1	N	2	E	1	E	2	N	1	1.3	1	Ci.	----------	6	A.-Cu.	Cu. E
2	N	1	Calm	----	NE	1	E	5	E	3	N	1	1.8	2	Ci.	S.-Cu. E	4	Ci.	Cu. E
3	NNE	2	NNE	2	NNE	4	NE	2	E	4	NE	2	2.7	6	Ci.	Cu.	8	Ci.-S.	Cu. ENE
4	NE	2	Calm	----	E	2	E	2	E	3	E	1	1.7	5	Ci.-S.	S.-Cu. ENE	7	Ci.	Cu. ESE
5	ENE	1	E	1	NE	2	E	4	E	4	E	3	2.5	1	Ci.	Cu.	5	A.-Cu.	Cu. E
6	N	1	N	1	N	2	SE	2	E	4	E	1	1.8	1	Ci.	Cu.-N.	8	Ci.	Cu.-N. E
7	N	1	N	1	E	2	E	4	E	3	E	1	2	5	Ci.	Cu. E	7	Ci.	Cu.-N. E
8	N	1	N	1	NE	1	ESE	5	ESE	5	ESE	2	2.5	3	Ci.	Cu.	5	A.-Cu. ESE	Cu. E
9	Calm	----	N	1	E	4	E	5	E	4	E	2	2.7	2	Ci.	Cu. E	5	A.-Cu.	Cu. E
10	N	1	N	1	ESE	2	ESE	5	ESE	4	E	3	2.7	2	Ci.	Cu. E	6	Ci.-S.	Cu.-N. E
11	N	1	N	1	E	4	ESE	4	ESE	2	ESE	1	2.2	7	Ci.	Cu. E	8	Ci.	Cu.-N. ESE
12	Calm	----	Calm	----	ESE	2	SE	3	SE	1	SE	1	1.2	8	Ci.-S.	S.-Cu. ESE	7	Ci.-S.	Cu.-N. SE
13	N	1	Calm	----	S	1	SW	3	SW	2	SW	1	1.3	9	Ci.-S.	Cu.-N.	10	A.-S.	Cu.-N. SW
14	Calm	----	Calm	----	SW	1	SW	1	SW	1	SW	2	.8	9	Ci.-S.	Cu.-N. SW	8	Ci.-S.	Cu.-N. SW
15	N	2	Calm	----	N	1	W	1	Calm	----	N	2	1	8	Ci.	S.-Cu.	5	Ci.-S.	Cu.-N.
16	N	1	N	1	ESE	1	ESE	2	ESE	2	Calm	----	1.2	8	Ci.-S.	Cu.-N.	6	Ci.-S.	Cu.-N. ESE
17	N	1	N	1	ESE	3	ESE	2	ESE	1	ESE	1	1.5	9	Ci.-S.	S. N	6	Ci.	Cu.-N. E
18	N	1	N	1	E	1	E	2	E	1	N	1	1.2	2	Ci.	Cu.	4	A.-Cu.	Cu. E
19	N	1	N	1	ESE	1	SE	2	SE	1	SE	2	1.3	2	Ci.	Cu. E	6	A.-Cu.	Cu. ESE
20	N	1	N	1	N	1	SSE	2	S	4	NNW	2	1.8	7	Ci.	Cu. SE	5	Ci.	Cu.-N. SE
21	N	1	Calm	----	SE	2	S	3	S	2	NE	1	1.5	6	Ci.-S.	Cu.-N.	5	Ci.-S.	Cu.-N. S
22	N	1	N	1	N	1	E	1	SE	1	ESE	1	1	7	Ci.	S.-Cu. ESE	6	Ci.-S.	Cu.-N. E
23	Calm	----	Calm	----	N	2	E	3	E	2	E	1	1.3	2	Ci.	Cu.-N.	4	Ci.	Cu. E
24	N	1	N	1	E	2	E	2	E	3	E	1	1.7	1	Ci.	Cu.	5	Ci.	Cu. E
25	N	1	N	1	E	1	E	2	E	3	N	1	1.5	2	Ci.	Cu. E	5	Ci.	Cu. E
26	N	1	N	1	N	3	E	2	E	4	Calm	----	1.8	0	Ci.	----------	7	Ci.	Cu. E
27	NE	1	NE	1	NE	3	NE	4	E	4	E	2	2.5	5	Ci.	Cu. E	5	Ci.	Cu. E
28	N	1	NE	1	E	3	SE	2	E	1	E	1	1.5	6	Ci.	Cu. ESE	7	Ci.-S.	Cu.-N. SE
29	Calm	----	Calm	----	SE	1	SE	2	SE	2	SE	2	1.2	7	Ci.	Cu.-N.	5	Ci.	Cu.-N. ESE
30	NE	1	NE	1	SE	2	SE	2	Calm	----	Calm	----	1	7	Ci.-S.	Cu.-N. ESE	6	Ci.	Cu. SE
31	Calm	----	Calm	----	N	2	E	2	E	1	N	1	1	8	Ci.	Cu.-N. ENE	9	Ci.-S.	Cu.-N. ENE
Mean	-------	0.9	-------	0.7	-------	1.9	-------	2.6	-------	2.4	-------	1.3	1.7	4.8	----------	----------	6.1	----------	----------

SAN ISIDRO.

[$\phi = 15° 22'$ N; $\lambda = 120° 53'$ E; barometer above sea, 20 meters; gravity correction not applied, —1.69 mm.]

JUNE, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.06	57.88	58.33	56.19	57.60	58.67	57.79	24.8	23.7	31	34.8	26.5	25	27.6	35.4	23.1	98	99	72	55	88	96	84.7	------
2	57.46	57.27	57.93	55.55	55.34	57.49	56.84	24.2	24	30	34.1	31	26.1	28.2	35	23.4	98	98	74	58	67	86	80.2	------
3	56.85	57.26	57.78	56.04	55.65	57.52	56.85	25	24.7	31.6	35.6	33.1	27.6	29.6	35.6	24.1	95	98	67	53	61	91	77.5	1
4	57.21	57.14	57.63	56.05	56.85	57.91	57.13	25.8	25.1	30.8	30.4	26.3	26.2	27.4	35.2	24.6	98	99	71	73	94	97	88.7	3.3
5	57.27	57.64	57.97	55.80	55.73	57.84	57.04	25	24.8	29.5	32.9	30	26.8	28.2	33.9	24.5	97	98	81	67	71	86	83.3	------
6	57.11	57.22	56.52	54.88	55.26	56.71	56.28	25	25	32.3	34.5	31	26.5	29	35.4	24	95	96	57	53	64	88	75.5	------
7	55.97	56.49	57.09	54.92	54.91	56.54	55.99	26	24.9	29.1	30	29.8	27.1	27.8	33.4	24.4	92	92	78	67	70	83	80.3	------
8	55.56	55.83	56.39	54.68	54.77	56.96	55.70	25.2	24.1	29.1	32.6	28.9	25.6	27.6	34.3	23.5	92	96	74	59	79	93	82.2	.6
9	55.83	55.96	55.89	54.25	54.77	56.89	55.60	25.2	25	31	33.6	29.7	26.9	28.6	35.2	24.5	95	98	72	58	67	81	78.5	------
10	55.66	56.43	56.62	54.08	54.94	56.77	55.75	25	24.5	31.4	33	25.8	25.8	27.6	34.9	23.8	92	94	66	61	95	97	84.2	7.9
11	55.55	55.93	55.87	53.34	54.12	55.94	55.12	25.2	25	29.7	32	28.1	25	27.5	33.1	24	98	99	78	66	82	98	86.8	3.6
12	54.42	53.97	54	53.07	53.83	54.98	54.04	24.2	24.4	28.5	26.4	25	23.6	25.4	29.4	23.5	98	99	82	97	99	99	95.7	27.7
13	53.03	53.05	54.54	53.61	54.22	55.48	53.99	24	24.5	24.9	25.7	24.2	24.3	24.6	25.9	23.5	98	99	99	99	99	99	98.8	50.4
14	53.78	54.18	55.76	54.95	55.34	56.46	55.08	24.1	24.6	26.8	27	25	24.5	25.3	27.5	23.4	99	99	94	95	98	99	97.3	6.6
15	54.99	55.50	55.45	54.61	54.47	55.84	55.14	24	24.5	28.5	28.1	27.4	26.1	26.4	29.6	23.8	99	99	87	88	92	98	93.8	------
16	54.16	54.71	55.53	53.73	54.06	56.29	54.75	25.9	25.4	30.1	31.8	29.3	26.6	28.2	32.8	25	98	99	82	70	83	93	87.5	------
17	55	55.71	56.02	54.35	54.78	56.85	55.45	26	25.2	30.6	31.4	28.5	27	28.1	31.6	24.9	95	98	80	78	85	95	88.5	1.8
18	56.60	56.97	57.10	56.08	56.72	57.75	56.87	24.5	24.4	28.7	31.1	25.5	24.6	26.5	32.4	23.7	98	99	86	73	97	99	92	21.6
19	57.06	57.55	57.82	55.99	56.44	58.16	57.17	24	24.5	29.5	28.5	25.5	24.5	26.1	31	23.5	99	99	81	89	96	99	93.8	14.5
20	56.70	57.36	57.16	55.56	55.85	57.49	56.69	24	24	26.5	30.4	27	25.4	26.2	30.5	23.8	99	99	90	78	85	93	90.7	6.9
21	56.81	56.98	57.02	56.07	55.83	57.77	56.75	24.9	24.9	28	25.1	25.5	24.8	25.5	31.4	24	98	98	85	96	93	97	94.5	7.7
22	57.12	57.79	58.51	58.17	58.31	58.47	58.06	23.8	23.5	26.6	24.5	24.9	24.2	24.6	26.9	23	98	99	89	99	98	98	96.8	12.2
23	58.11	58.62	59.44	57.52	58.71	60.69	58.85	23.5	22.9	28	31	29	25.1	26.6	31.5	22.2	98	97	85	75	81	96	88.7	------
24	58.72	59.41	60.09	58.57	58.78	60.61	59.36	24	22.9	28.2	31.7	29.4	26	27	32.4	22.4	96	98	83	70	82	94	87.2	------
25	59.60	60.46	60.66	58.63	59.72	60.80	59.98	24.5	24	29.4	33.1	25.3	25	26.9	33.6	23.4	97	99	79	63	99	99	89.3	18.3
26	59.66	60.06	59.92	57.99	58.84	60.45	59.49	24.8	24.1	30.1	33.1	27.5	25.5	27.5	33.4	23.6	99	99	76	67	83	93	86.2	------
27	58.84	58.85	59.16	57.11	57.76	59.97	58.62	25.8	25.2	29.6	33.1	29.6	25	28	33.4	24	97	98	84	64	77	97	86.2	1.8
28	58.49	59.21	59.41	57.30	57.75	60.16	58.72	24.8	24.5	30	33.1	29.7	25	27.8	33.9	23.6	98	98	80	55	73	95	83.2	2.3
29	58.86	59.62	60.53	59.45	58.08	59.99	59.42	24.6	23.6	27.5	28.1	28.9	26	26.4	30.2	23	99	99	92	88	82	95	92.5	4.9
30	58.90	59.70	59.62	57.52	57.58	59.34	58.78	24.6	24.1	26.6	29.8	28.1	25.5	26.4	30.1	23.5	98	99	92	78	77	92	89.3	.8
Mean	56.78	57.16	57.53	55.87	56.23	57.89	56.91	24.7	24.4	29.1	30.9	27.8	25.6	27.1	32.3	23.7	97	98	80.5	73.1	83.9	94.2	87.8	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	198.9

Day.	Wind.												Mean force.	Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.			6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.		Amount.	Form and direction. Upper.	Lower.	Amount.	Form and direction. Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–10*			*0–10*		
1	N	1	N	1	E	2	E	1	NE	3	N	1	1.5	3	Ci.	Cu.-N.	5	Ci.	Cu.-N. E
2	N	1	N	1	ESE	1	ESE	2	S	1	N	1	1.2	4	Ci.	Cu.-N.	5	Ci.	Cu. ESE
3	Calm	----	N	1	NE	1	SE	2	Calm	----	Calm	----	.7	3	Ci.	Cu. E	5	A.-Cu.	Cu. E
4	N	1	NE	1	N	1	SE	3	N	2	Calm	----	1.3	5	Ci.	Cu. E	9	Ci.-S.	Cu.-N. E
5	N	1	Calm	----	ESE	1	ESE	1	ESE	1	ESE	2	1	7	Ci.	S.-Cu.	5	Ci.	Cu.-N. ESE
6	Calm	----	Calm	----	ESE	1	ESE	2	ESE	1	ESE	2	1	3	Ci.	Cu.	6	Ci.	Cu.-N. E
7	Calm	----	E	1	ESE	2	ESE	1	ESE	2	ESE	1	1.2	5	A.-Cu.	S.-Cu.NE	8	Ci.-S.	Cu. E
8	SE	1	Calm	----	NE	1	SE	1	SE	1	E	1	.8	9	Ci.-S.	Cu.-N.ESE	10	Ci.-S.	Cu.-N. ESE
9	NE	1	NE	1	E	2	E	3	E	3	SE	1	1.8	6	Ci.-S.	Cu.-N.ESE	7	Ci.	Cu.-N. E
10	E	1	E	1	E	2	SE	1	SE	1	Calm	----	1	7	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N. SE
11	NE	1	NE	1	S	1	S	3	S	3	S	2	1.8	10	Ci.-S.	S. ESE	6	Ci.	Cu. SSW
12	S	1	Calm	----	S	2	S	2	SSW	2	SSW	2	1.5	7	Ci.	S.-Cu.SSW	10	Ci.-S.	N. SSW
13	SSW	2	SSW	3	SSW	3	SSW	4	SSW	4	SSW	3	3.2	10	Ci.-S.	N. SW	10	Ci.-S.	N. SW
14	SSW	2	Calm	----	SSW	3	SSW	1	SSW	3	SSW	2	1.8	10	Ci.-S.	S.-Cu. SW	10	Ci.-S.	N. SW
15	SSW	1	Calm	----	SSW	2	SSW	4	SSW	2	Calm	----	1.5	10	Ci.-S.	S.-Cu. SW	8	Ci.-S.	Cu. SW
16	Calm	----	Calm	----	SW	3	SW	4	SW	1	Calm	----	1.3	7	Ci.	S.-Cu. SW	5	Ci.	Cu.-N.SW
17	Calm	----	Calm	----	SW	2	SW	3	SW	2	SW	1	1.3	9	Ci.-S.	S.-Cu. SW	8	Ci.-S.	Cu.-N.SW
18	SW	1	Calm	----	S	2	S	1	S	2	Calm	----	1	8	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.-N.SW
19	Calm	----	Calm	----	SE	1	SW	1	E	3	NE	2	1.2	3	Ci.	S.-Cu.	5	Ci.-S.	Cu.-N.
20	Calm	----	ESE	1	ESE	2	S	4	S	3	S	1	1.8	9	Ci.-S.	S.-Cu. ESE	7	Ci.	Cu. SSW
21	S	1	S	1	S	3	S	4	S	1	S	2	2	8	Ci.	S.-Cu.SSW	10	Ci.-S.	N. SSW
22	S	1	S	1	S	1	S	1	Calm	----	S	1	.8	10	Ci.-S.	S.-Cu. SW	10	Ci.-S.	Fr.-N.SW
23	Calm	----	Calm	----	S	1	S	1	Calm	----	S	1	.5	6	Ci.	S.-Cu.	6	Ci.	Cu. SW
24	S	1	Calm	----	NW	1	S	1	S	2	Calm	----	.8	6	Ci.	Cu.-N.	7	Ci.-S.	Cu.-N.SW
25	Calm	----	Calm	----	ENE	1	NE	1	N	3	Calm	----	.8	5	Ci.	Cu.-N.	5	Ci.	Cu. E
26	Calm	----	Calm	----	NE	1	S	1	SW	1	S	2	.8	6	Ci.	S.-Cu.	5	Ci.	Cu.-N. SE
27	Calm	----	Calm	----	E	1	S	3	S	2	S	1	1.2	6	Ci.	Cu. SE	4	Ci.	Cu.-N. SE
28	Calm	----	N	1	S	1	S	1	S	4	NE	1	1.3	7	Ci.	Cu. SE	3	Ci.	Cu. SE
29	N	1	N	1	ESE	1	ESE	1	Calm	----	Calm	----	.7	3	Ci.	Cu.-N.	7	Ci.-S.	Cu.-N.
30	E	1	E	2	N	2	E	3	ESE	2	E	1	1.8	10	Ci.-S.	Cu.-N. E	7	Ci.-S.	Cu.-N.
Mean	-------	0.7	-------	0.6	-------	1.6	-------	2	-------	1.8	-------	1	1.3	6.7	----------	----------	7	----------	----------

SAN ISIDRO.

[ϕ=15° 22′ N; λ=120° 53′ E; barometer above sea, 20 meters; gravity correction not applied, —1.69 mm.]

JULY, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.90	58.31	58.80	57.17	57.76	58.77	58.12	24.5	24	27.7	31.6	29	26	27.1	32.2	23.5	98	98	84	70	78	89	86.2	0.8
2	58.56	58.81	59.56	58.10	58.31	58.92	58.71	24.5	23.6	27	26.6	26	24.9	25.4	27.9	23	96	99	86	92	97	99	94.8	7.2
3	57.86	58.32	59.58	57.67	57.76	58.76	58.32	24	23.6	26.6	29.3	26.8	25.1	25.9	29.9	23	99	99	95	84	88	94	93.2	7.1
4	57.43	57.67	58.31	57.36	58.26	59.33	58.06	24.8	24.1	26.5	27.4	24	24	25.1	28.4	23.2	98	99	93	89	98	99	96	44.2
5	53.51	58.62	59.15	57.71	57.88	59.61	58.58	24.5	23.5	29	30.7	28.5	26.2	27.1	31.9	23	99	99	83	70	85	94	88.3	
6	58.81	59.62	60.30	58.66	58.83	59.96	59.36	25.4	24.7	28.3	30.6	28.5	26.2	27.3	31.1	24.3	97	99	88	77	84	96	90.2	1.3
7	59.44	59.94	60.23	57.97	58.40	59.97	59.32	25.2	24.9	29.5	33.4	27.9	25	27.6	33.6	24.2	97	99	83	65	85	96	87.5	
8	58.96	59.36	58.86	56.99	57.24	59.27	58.45	24.5	23.8	30.6	32.9	29	25.4	27.7	33.9	23.1	98	99	75	64	71	97	84	
9	58.36	58.83	58.76	57.17	57.64	59.81	58.43	25.3	24.5	30.5	32.9	29.4	25	27.9	34.4	24	98	97	76	70	81	95	86.2	
10	58.82	59.17	59.77	58.15	58.48	60	59.06	24.2	24	30.8	31.4	28	24.5	27.2	33.7	22.7	97	97	72	70	83	96	85.8	2.8
11	59.46	59.33	59.82	58.05	58.51	59.86	59.17	24	23.9	30.5	31.9	29.1	26.2	27.6	33.3	23.4	98	99	82	61	68	89	82.8	
12	58.92	59.46	60.01	58.15	58.37	59.54	59.08	25	24.5	28	33	29.2	26	27.6	33.2	23.6	96	99	85	64	74	85	83.8	
13	58.70	59.26	60.54	58.99	58.08	60.11	59.28	24.2	24.2	29.4	29.5	29.4	26.5	27.2	32.1	23.5	98	98	79	81	79	88	87.2	.5
14	59.74	58.95	59.68	57.51	57.97	60.26	59.02	25	24.1	28.8	32.2	30	24.6	27.4	33.5	23.4	97	98	86	68	74	97	86.7	11.1
15	58.97	58.63	59.54	57.92	58.54	59.54	58.86	24	23.3	27.7	31.5	27	26	26.6	32.5	22.6	98	98	90	75	92	92	91	
16	58.66	58.72	58.92	57.26	57.01	58.41	58.16	24	23.2	30	32.1	29.2	26.1	27.4	32.9	22.9	97	98	80	67	74	91	84.5	.5
17	57.50	57.65	59.31	56.99	57.21	58.00	57.79	24.5	24.2	26.3	26.6	26.2	25	25.5	27	23.2	96	98	98	91	94	99	96	6.3
18	57.51	57.71	58.02	57.86	58.04	59.16	58.05	21.1	23.9	26.1	26	25.9	24	25	26.5	23.5	99	99	98	96	98	99	98.2	3.6
19	57.71	58.26	58.28	56.35	56.67	58.61	57.65	23.6	23	28.7	31.7	28.5	26.8	27	33	22.2	99	99	81	74	80	92	87.5	
20	57.90	58.05	58.10	55.75	57.19	58.51	57.58	24.9	24.1	27.8	32.7	27	25	26.9	33.6	23.4	98	99	89	68	78	93	87.5	1.5
21	57.91	58.03	57.98	55.76	57.03	57.65	57.39	24.4	24	29.4	32.7	28	24.1	27.1	33.4	23.1	99	99	82	72	77	99	88	13.5
22	56.66	56.67	57.23	54.98	55.53	57.04	56.35	24.2	24.1	28.6	33.1	29	24.5	27.2	33.4	23	98	99	87	71	83	96	89	
23	55.78	56.40	55.36	54.25	54.22	56.51	55.42	23.4	23.4	30.6	31.4	30	26.8	27.6	33	22.8	97	98	81	79	79	94	88	24.1
24	55.86	56.07	56.50	55.25	56.41	57.51	55.27	24	24.1	28.7	31.5	26	25.6	26.6	32.5	22.8	98	99	87	80	97	99	93.3	1.8
25	55.92	57.30	57.47	56.35	57.06	57.77	56.98	25	24.5	29.3	25.9	25.7	24.6	25.8	31.2	24.1	99	99	87	99	99	99	97	2.5
26	57.03	57.16	57.15	55.98	55.89	57.70	56.82	24.1	24.4	28.3	27	25.6	25	25.7	31.8	23.6	99	99	82	96	99	98	95.5	5.1
27	56.46	56.38	56.20	55.01	55.37	57.04	56.08	24	24.2	29.4	27	26.5	25.4	26.1	32	23.7	98	98	74	88	90	97	90.8	.8
28	56.05	56.47	56.77	55.51	55.16	57.85	56.30	24.2	24.1	29.4	26.6	25.4	25	25.8	31.4	23.4	97	97	78	90	97	93	92	16.6
29	56.46	56.28	57.04	55.48	56.49	57.95	56.62	24	23.4	29	31.4	26.4	25	26.5	32.3	22.9	95	97	78	68	92	95	87.5	.8
30	57.13	57.18	56.99	55.30	55.16	57.81	56.60	24.5	24	29	32.8	29.6	26.2	27.7	33.4	23.7	97	97	78	68	78	92	85	
31	57.34	57.40	57.18	55.24	55.31	58.27	56.79	25.2	24.5	30.2	33.6	29.2	25.2	28	34.4	23.9	95	96	74	61	76	93	82.5	2
Mean	57.82	58.06	58.43	56.80	57.15	58.70	57.83	24.4	24	28.8	30.5	27.7	25.4	26.8	32	23.3	97.6	98.4	83.6	76.4	84.8	94.7	89.2	
Total																								154.1

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		Mean force.	6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–10*			*0–10*		
1	NE	1	NE	1	NE	1	E	3	E	2	E	1	1.5	6	Ci.	Cu.-N. E	5	Ci.	Cu.-N. E
2	E	1	Calm	----	N	1	NE	1	ESE	1	Calm	----	.7	8	Ci.-S.	Cu.-N. E	9	Ci.-S.	Cu.-N. E
3	N	1	N	1	ENE	1	NE	2	Calm	----	Calm	----	.8	6	Ci.	Cu. E	7	Ci.-S.	Cu.-N. E
4	N	1	Calm	----	NE	2	ESE	2	ESE	3	ESE	2	1.7	10	Ci.-S.	Cu.-N.ESE	10	Ci.-S.	Cu.-N. SE
5	Calm	----	Calm	----	S	2	S	1	SSW	1	Calm	----	.7	6	Ci.	Cu. ESE	7	Ci.-S.	Cu.-N. SSW
6	N	1	Calm	----	Calm	----	S	2	S	1	Calm	----	.7	9	A.-Cu.	S.-Cu.	8	Ci.-S.	Cu. SW
7	N	1	Calm	----	NE	1	NE	2	S	1	Calm	----	.7	6	Ci.	Cu.-N.	4	Ci.	Cu. E
8	N	1	N	1	SSE	1	E	1	SE	1	NE	1	1	6	Ci.	S. N	6	Ci.	Cu.-N. ESE
9	Calm	----	N	1	NE	1	NE	2	SSE	3	Calm	----	1.2	7	Ci.	Cu.	5	A.-Cu.	Cu. ESE
10	N	1	N	1	ENE	1	NE	2	NE	1	NE	1	1	4	Ci.	Cu.	6	Ci.-S.	Cu.-N. ESE
11	N	1	N	1	NE	2	ESE	3	NE	1	N	1	1.2	2	Ci.	Cu.	6	Ci.	Cu. ESE
12	Calm	----	N	1	N	1	ENE	3	ESE	2	Calm	----	1.5	4	A.-Cu.	Cu.-N.	6	Ci.	Cu. E
13	N	1	N	1	SW	1	ENE	1	ESE	2	N	2	1.5	8	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.-N. E
14	NE	1	NE	1	NE	2	NE	2	ENE	1	NE	1	1	7	Ci.	Cu. ESE	6	Ci.	Cu. E
15	N	1	N	1	N	1	NE	1	SE	3	N	2	1.8	8	Ci.-S.	Cu.-N.	5	Ci.	Cu.-N. SE
16	N	1	N	1	N	2	NE	2	NE	2	NE	1	1.2	6	Ci.-S.	S.-Cu.	5	Ci.	Cu.-N.
17	N	1	N	1	E	2	E	3	ESE	2	ESE	1	1.7	5	Ci.	Cu.	5	Ci.	Cu.-N.
18	Calm	----	Calm	----	NE	2	E	1	E	1	E	1	1.2	4	Ci.	S.-Cu.	10	Ci.-S.	Cu.-N.
19	NE	1	NE	1	S	1	NE	1	NE	1	NE	1	.8	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Fr.-N. E
20	N	1	N	1	NW	3	N	2	S	1	Calm	----	1	7	Ci.	S.-Cu. E	7	Ci.	Cu. E
21	Calm	----	Calm	----	SSW	2	S	2	N	4	N	1	2	6	Ci.-S.	Cu.-N.	5	Ci.	cu.-N.NE
22	NE	1	Calm	----	S	1	S	2	N	4	N	1	1.5	6	A.-Cu.	Cu. SW	6	Ci.	Cu.-N.
23	S	1	S	1	S	2	S	4	S	3	S	2	1	8	Ci.	S. NE	5	Ci.	Cu.-N.
24	S	1	SSW	1	SSW	3	SSW	4	SSW	2	Calm	----	2.2	6	Ci.	Cu. SW	6	Ci.	cu.-N.SW
25	Calm	----	Calm	----	S	3	S	2	Calm	----	N	1	1.7	8	Ci.	S.-Cu. SW	7	Ci.	cu.-N.SW
26	NE	1	NE	1	S	2	SW	2	N	2	Calm	----	1	7	Ci.	Cu. SW	10	Ci.-S.	cu.-N.SW
27	Calm	----	Calm	----	SW	2	SW	3	SW	1	SW	1	1.3	8	Ci.-S.	S. SW	8	Ci.-S.	cu.-N.SW
28	SW	1	SW	1	SW	1	SW	2	Calm	----	N	2	1.2	6	A.-Cu.	S.-Cu. SW	9	Ci.-S.	Cu.-N.WSW
29	Calm	----	Calm	----	SW	1	SW	2	SW	2	SW	1	1.2	4	Ci.	S.-Cu.	8	Ci.	Cu.-N.SW
30	Calm	----	Calm	----	SW	1	SW	2	Calm	----	Calm	----	1	3	Ci.	Cu.	6	Ci.	cu.-N.SW
31	SW	1	Calm	----	S	1	S	1	S	1	NW	1	.5	3	Ci.	Cu.	6	A.-Cu.	cu.-N.SW
													.8	3	Ci.	Cu.	5	Ci.	Cu. S
Mean	-------	0.7	-------	0.6	-------	1.5	-------	2	-------	1.6	-------	0.8	1.2	6.2	----------	----------	6.8	----------	----------

SAN ISIDRO.

[$\phi = 15° 22'$ N; $\lambda = 120° 53'$ E; barometer above sea, 20 meters; gravity correction not applied, —1.69 mm.]

AUGUST, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.90	58.16	58.31	56.20	57.46	59.21	57.87	25	25.4	29.9	33.6	26.6	26.5	27.8	34	24.5	96	97	79	62	89	88	85.2	1.3
2	58.47	58.52	58.60	56.64	56.97	59	58.03	25.8	25.6	28.9	32.5	28.2	26.2	27.9	32.9	24.8	95	95	82	66	87	94	86.5	1
3	58.21	58.44	58.96	56.64	57.99	59.61	58.31	26	25.9	29.2	30.4	28.5	25.4	27.6	31.1	25	96	97	77	77	81	97	87.5	4.5
4	58.74	59.33	59.34	57.77	58.55	59.61	58.89	25	24.6	30.4	31.5	27.2	26.1	27.5	32.6	24.2	95	97	76	67	84	92	85.2	
5	58.14	58.37	58.65	57.19	57.65	59.20	58.20	25.2	24.7	28.3	29.2	25.1	24.8	26.2	31.9	24.2	95	97	82	81	96	97	91.3	25.6
6	58.27	58.58	58.25	56.43	57.29	59.04	57.98	24.1	24	28.5	30	27	26	26.6	30.5	23.7	97	97	80	73	86	92	87.5	
7	58.43	58.62	58.84	57.04	57.53	59.05	58.25	24.4	23.8	29.9	32.2	28.6	26	27.5	32.8	23.4	95	95	75	57	78	89	81.5	
8	58.20	58.66	59.17	56.80	57.27	58.42	58.09	25	24.1	30.6	31.4	29	27	27.8	32.9	23.4	93	96	74	63	74	87	81.2	
9	57.21	57.12	57.12	55.20	56.31	57.31	56.71	26	25.6	29.5	31.6	26	24.8	27.2	32.6	23.8	94	95	80	68	95	95	87.8	7.1
10	54.78	54.63	55.50	54.24	53.63	54.75	54.59	24	25.2	27	28.5	26	26	26.1	29.1	23.5	98	98	93	85	95	93	93.7	13.9
11	53.92	54.18	54.24	53.16	53.67	55.03	54.03	24.6	24	27.5	28.1	25.1	25.2	25.8	28.7	23.6	97	97	94	88	96	97	94.8	4.3
12	53.66	53.67	54.21	53.17	53.40	54.54	53.78	25.6	25.5	29.3	30.4	27	26.4	27.4	31.2	24.6	95	96	82	76	88	93	88.3	2
13	53.77	54.45	54.81	54.34	55.01	56.77	54.86	26.1	25	28	28.5	27.5	25.4	26.8	29.1	24.8	94	97	90	88	92	92	92.2	1.6
14	56.34	56.98	57.79	56.39	57.21	59.76	57.41	25	24.5	28.4	29.4	25.6	24.2	26.2	30.8	23.7	95	96	82	76	97	97	90.5	55.1
15	58.70	59.36	60.02	58.49	58.49	60.74	59.30	24.5	24	29.1	27.7	28.1	26	26.6	31.1	23.6	98	98	83	86	85	93	90.5	2
16	58.84	59.16	59.32	57.03	57.96	59.10	58.57	25.2	25	29.3	31.2	25.3	25.2	26.9	31.4	24.2	97	98	80	74	98	97	90.7	17.2
17	58.01	58.13	58.19	56.81	57.29	58.91	57.89	24.8	24.7	29.1	26.6	25.5	24.8	25.9	30	23.8	98	98	81	87	92	95	91.8	5.6
18	57.43	57.66	57.61	56.10	57.50	58.72	57.50	24	24.4	27.6	29.1	24.5	24.1	25.6	30	23.5	97	97	84	76	94	97	90.8	7.9
19	57.97	57.41	57.90	56.49	57.20	58.31	57.55	23.6	23.5	28.7	29.4	26	25	26	30.8	23	98	98	84	79	92	96	91.2	3
20	57.41	58.10	57.94	57.17	57.67	58.93	57.87	24.6	24.5	28.6	28.9	24	24.4	25.8	30.3	22.9	98	98	83	79	95	95	91.3	12
21	58.37	58.78	59.39	58.09	58.38	60.51	58.92	23.5	23	29	29.9	28.4	26	26.6	32	22.7	97	97	81	76	82	92	87.5	
22	60.06	60.16	60.26	57.70	58.22	61.16	59.59	24.7	24.4	29.9	32.5	27.5	24	27.2	33.1	23.5	95	98	76	62	88	96	85.8	56.9
23	59.91	59.22	59.13	56.87	56.99	59.04	58.53	23.8	23.4	28.3	31.5	29	25	26.8	32.4	22.9	97	98	85	68	84	96	88	20.1
24	57.73	57.65	58.24	56.43	57.07	59.10	57.70	24.4	24.3	28.7	31.7	29.4	24	27.1	32.2	23.4	97	97	83	72	82	97	88	10.2
25	57.83	57.83	58.74	57.22	58.11	60.57	58.38	24.4	24	28.4	32	26.9	26	27	32.5	23.8	97	97	85	67	88	92	87.7	
26	59.60	59.21	60.22	58.02	58.64	60.01	59.28	25	24	29	32.9	28.8	26	27.6	33.6	23.4	92	97	78	60	73	92	82	
27	58.71	59.13	59.47	57.55	57.67	59.57	58.68	24.4	23.4	30	31.4	28	25.5	27.1	32.7	22.8	91	95	65	66	74	92	80.5	
28	58.47	58.53	59.17	56.93	56.72	58.81	58.10	24.5	23.5	29.9	32.7	29	25.4	27.5	33.6	23	96	97	71	55	78	92	81.5	
29	57.54	57.92	59.54	57.23	57.45	59.29	58.16	24.8	23.6	26.4	28.5	27.1	26	26.1	29.1	23.2	93	97	84	78	83	92	87.8	
30	58.34	57.91	59.13	57.45	58.11	59.91	58.48	25	24	29.2	32	28.9	26.2	27.6	32.2	23.5	97	98	77	67	74	90	83.8	
31	59.04	59.71	59.92	57.92	59.23	60.92	59.46	25	23.8	29.5	33.3	26.5	23.5	26.9	33.9	23	95	98	78	62	85	96	85.7	5
Mean	57.74	57.92	58.32	56.60	57.18	58.87	57.77	24.8	24.4	28.9	30.6	27.1	25.4	26.9	31.6	23.7	95.7	97	80.8	72.3	86.6	93.6	87.7	
Total																								251.8

Day.	Wind.												Mean force.	Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.			6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.		Amount.	Form and direction.		Amount.	Form and direction.	
															Upper.	Lower.		Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–10*			*0–10*		
1	NE	1	Calm	----	S	1	S	2	S	1	S	1	1	7	Ci.	S.-Cu. NE	5	Ci.	Cu.-N. S
2	Calm	----	Calm	----	S	1	S	2	S	1	Calm	----	.7	6	Ci.	S.-Cu. S	7	Ci.	Cu.-N. S
3	Calm	----	Calm	----	NW	3	SW	2	SW	3	Calm	----	1.3	6	Ci.	Cu.-N.	7	Ci.	Cu.-N.WNW
4	SW	1	S	1	SW	2	SW	5	SW	2	Calm	----	1.8	3	Ci.	S.-Cu.	8	Ci.-S.	Cu.-N.SW
5	Calm	----	Calm	----	SW	2	SW	4	SW	2	SW	1	1.5	9	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N.SW
6	Calm	----	Calm	----	SW	2	SW	4	SW	3	SW	1	1.7	9	Ci.-S.	cu.-N. SW	7	Ci.	Cu.-N.SW
7	SW	1	Calm	----	SW	3	SW	4	SW	2	SW	1	1.8	6	A.-Cu.	Cu. SW	6	A.-Cu.	Cu.-N.SW
8	SW	1	Calm	----	SW	4	SW	4	SW	2	Calm	----	1.8	6	Ci.	Cu.-N.	6	A.-Cu.	Cu. SW
9	SW	1	SSW	1	SSW	4	SSW	5	SW	2	SW	2	2.5	10	Ci.-S.	cu.-N. SW	6	Ci.	Cu. SW
10	SW	2	SW	2	SW	2	SSW	4	SW	1	SW	3	2.3	10	Ci.-S.	S.-Cu. SW	10	Ci.-S.	Cu.-N.SW
11	SW	4	SW	2	SW	3	SW	5	SW	2	SW	2	3	10	Ci.-S.	N. SW	10	Ci.-S.	N. SW
12	SW	3	SW	4	SW	5	SSW	6	SSW	4	SSW	3	4.2	10	Ci.-S.	cu.-N. SW	7	Ci.-S.	Cu.-N.SW
13	SSW	3	SSW	1	SSW	3	SSW	4	SSW	3	SSW	1	2.5	10	Ci.-S.	N. SW	10	Ci.-S.	N. SW
14	SSW	1	SSW	2	SSW	3	SSW	5	SSW	1	S	2	2.3	10	Ci.-S.	N. SW	10	Ci.-S.	N. SW
15	S	1	Calm	----	S	1	S	1	S	1	Calm	----	.7	5	Ci.	S.-Cu. S	6	Ci.	Cu.-N.SSW
16	S	1	Calm	----	S	3	SSW	4	SW	3	SSW	2	2.2	6	Ci.	Cu. SSW	5	Ci.	Cu. SSW
17	SSW	1	SSW	1	SSW	2	SSW	5	SSW	1	SSW	1	1.8	9	Ci.-S.	Cu. SW	10	Ci.-S.	N. SW
18	SSW	1	SSW	1	SSW	4	SSW	4	SSW	3	SSW	1	2.3	9	Ci.-S.	cu.-N. SW	9	Ci.-S.	Cu. SW
19	SSW	1	S	1	SSW	4	SSW	5	SSW	3	S	1	2.5	7	Ci.	Cu. SW	9	Ci.-S.	Cu. SW
20	S	1	S	1	SSW	3	SSW	3	Calm	----	Calm	----	1.3	5	Ci.	Cu. SW	9	Ci.-S.	cu.-N.SW
21	Calm	----	S	1	S	3	SSW	2	SSW	1	SSW	1	1.3	5	Ci.	Cu. S	8	Ci.	Cu.-N.SW
22	Calm	----	Calm	----	N	2	N	2	N	2	N	2	1.3	2	Ci.	Cu.	3	Ci.	Cu.-N.
23	N	1	NE	1	NW	2	N	1	Calm	----	N	2	1.2	3	Ci.	Cu.-N.	5	Ci.	Cu.-N.
24	Calm	----	Calm	----	WNW	1	S	3	NW	3	SW	2	1.5	7	Ci.-S.	Cu.-N.	5	Ci.	Cu. SW
25	SW	1	SW	1	SW	1	SW	1	SW	1	SW	1	1	9	Ci.-S.	Cu. SW	5	Ci.	Cu.-N.
26	Calm	----	N	1	NW	2	ENE	3	E	3	E	1	1.7	3	Ci.	Cu.	5	Ci.	Cu.-N. E
27	N	1	N	2	NE	2	E	4	E	2	E	1	2	3	Ci.	Cu.	7	Ci.-S.	cu.-N. E
28	NE	1	N	1	NE	1	N	2	Calm	----	N	1	1	3	Ci.	S.-Cu.	3	Ci.	Cu.-N.
29	N	1	N	1	SE	3	SE	1	SE	1	Calm	----	1.2	4	Ci.	Cu.-N.	9	Ci.-S.	Cu.-N.
30	SE	1	Calm	----	SE	2	SE	3	SE	1	SE	1	1.3	6	Ci.	Cu.-N.	4	A.-Cu.	Cu.-N.
31	Calm	----	N	1	N	1	SSE	2	S	1	NW	3	1.3	5	Ci.	S. N	5	Ci.-S.	Cu.-N. ESE
Mean		1		0.8		2.4		3.3		1.8		1.2	1.7	6.5			6.9		

SAN ISIDRO.

[$\phi = 15° 22'$ N; $\lambda = 120° 53'$ E; barometer above sea, 20 meters; gravity correction not applied, —1.69 mm.]

SEPTEMBER, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.23	60.26	60.92	58.67	58.87	60.01	59.66	23.5	23.4	26.2	29	28.9	26	26.2	30.4	22.9	97	98	91	81	71	92	88.3	1
2	58.74	58.52	58.29	56.21	56.39	57.90	57.68	25	24.2	29.2	31.4	27.3	24	26.8	32.1	23.5	97	98	80	63	90	97	87.5	5.3
3	55.94	56.03	56.10	53.29	54.08	55.68	55.19	24.9	24.9	27.9	30.5	27.4	24.8	26.7	32	23.6	98	98	88	78	89	97	91.3	25.4
4	54.64	53.70	54.54	53.51	54.65	56.16	54.53	23.4	23.2	27.6	25	24.4	23.4	24.5	28.4	22.4	98	98	84	98	97	97	95.3	52.7
5	55.50	56.11	57.21	56.23	56.43	57.75	56.54	23.4	23.4	24.7	26.5	27	25.6	25.1	27.5	22.9	98	99	98	93	92	95	95.8	10.4
6	57.46	57.61	58.64	56.12	57.17	59.24	57.71	24.6	24.2	29.8	32.1	25.6	25	26.9	32.6	23.5	98	98	82	68	95	97	89.7	8.7
7	57.88	58.22	59.09	56.63	58.41	60.23	58.41	24.7	24.1	28.6	31.5	26.6	24.5	26.7	32	23.3	98	99	80	72	87	97	88.8	1.3
8	58.26	58.44	59.45	57.23	58.66	59.56	58.60	23.2	23	28.5	30.4	24.5	24	25.6	31.2	22.5	98	98	85	73	96	96	91	.5
9	58.06	58.34	58.67	55.80	57.49	59.04	57.90	23.4	23.1	29	31.4	27.1	25.2	26.5	32.4	22.4	98	99	81	70	81	95	87.3	-----
10	57.89	58.16	58.71	56.80	57.39	58.94	57.98	24.8	24.7	27.4	28.9	26.6	25.4	26.3	29.4	23.9	98	98	85	83	95	95	92.3	1.8
11	57.60	58.53	59.07	56.96	57.89	60.36	58.40	24.6	24.5	28.4	29.6	28	25	26.7	30.8	24	98	99	82	79	80	97	89.2	6.3
12	59.86	60.16	60.60	58.54	58.21	60.01	59.56	24	23.5	28.9	30	26.5	25.5	26.4	31	23.1	98	99	80	78	90	96	90.2	1.1
13	59.46	58.85	58.92	56.89	57.65	58.96	58.46	25	24	29.4	32	27	25.9	27.2	32.3	23.4	97	99	75	66	90	97	87.3	1.8
14	57	57.70	58.12	55.88	56.34	57.16	57.03	25	24.5	25	26	25.8	25	25.2	26.5	23.9	97	97	98	94	97	98	96.8	15.6
15	55.98	56.41	57.37	56.02	56.91	58.51	56.87	24	23.8	25.9	28.1	24.6	24.4	25.1	29.7	23.4	98	99	94	88	96	97	95.3	2.9
16	57.52	57.96	58.51	56.81	57.97	59.72	58.08	24.2	24	27.4	27.1	24.7	24	25.2	31.1	23.2	98	99	91	94	94	97	95.5	31.7
17	58.08	58.16	57.76	56.48	56.59	58.61	57.61	23.4	23.1	25.4	29.2	27.9	24.2	25.5	30	22.5	98	99	92	76	91	98	92.3	2.8
18	57.03	56.56	57.71	55.52	56.29	57.54	56.78	23.7	23.6	27.4	30.9	27	25.5	26.4	31.4	23.2	99	99	87	69	92	92	89.7	-----
19	57.02	56.68	57.52	55.43	56.83	58.33	56.97	24.6	24	28.9	31	24.5	24.9	26.3	31.4	23.7	98	98	82	75	95	96	90.7	1
20	57.22	57.58	58.07	56.01	56.82	57.91	57.27	24.8	24.8	28.9	32	27.2	26.5	27.4	32.6	24	97	98	82	66	91	92	87.7	.8
21	56.76	56.40	56.98	54.66	55.83	57.04	56.28	25.2	24.5	29	32.3	25.4	25.2	26.9	32.4	24	96	99	81	69	93	94	88.7	1.5
22	55.32	55.48	55.77	52.67	54.29	55.19	54.79	24.8	24.5	29.2	26.5	24.6	24.6	25.7	31.5	23.7	97	97	81	94	98	97	94	25.9
23	53.83	54.02	54.67	51.72	52.93	53.14	53.39	24.6	24.6	27.4	30	25.9	25	26.2	30.4	24	98	99	92	82	96	97	94	47.5
24	51.96	51.62	52.50	51.02	51.66	52.58	51.89	24.8	24.7	26.5	26.4	25.6	24.5	25.4	28.4	24	98	98	94	94	97	96	96.2	21.6
25	50.81	52.15	53.43	51.33	53.10	54.52	52.64	24.8	24.4	25.9	26.2	24.4	24.2	25	27.4	23.5	98	98	93	94	97	98	96.3	20.8
26	53.88	54.59	55.96	54.83	55.93	57.92	55.52	24	24	25.1	25.2	24.5	24.2	24.5	26.1	23.2	98	99	97	98	98	98	98	56.4
27	56.42	57.28	58.55	56.52	56.40	57.81	57.16	23.6	23.8	24.5	25.1	24	23.9	24.2	26.5	23.1	98	98	97	96	97	97	97.2	15.2
28	56.56	56.67	57.60	56.27	56.66	57.48	56.87	23.8	23.5	26.6	25	24.5	24.3	24.6	27.4	23.1	97	99	91	96	96	97	96	10.4
29	56.13	56.22	57.17	54.90	55.93	57.43	56.30	24	23.7	26.6	29.5	24.5	24.2	25.4	29.9	23.4	98	98	86	76	96	97	91.8	2
30	56.53	56.63	58.19	56.42	57.78	59.16	57.45	24	23.5	28.5	31	26.4	25	26.4	31.3	23	97	97	80	68	93	96	88.5	.8
Mean	56.62	56.83	57.54	55.53	56.38	57.80	56.78	24.3	24	27.5	29	25.9	24.8	25.9	30.2	23.3	97.7	98.4	87	81	92.3	96.2	92.1	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	373.2

Day.	Wind.												Mean force.	Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.			6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–10*			*0–10*		
1	N	1	N	1	N	2	NE	2	E	3	E	2	1.8	6	Ci.	Cu.-N. E	8	Ci.-S.	Cu.-N.
2	NE	1	NE	1	NW	2	S	1	NE	2	N	1	1.3	9	Ci.-S.	Cu.-N.	6	Ci.	Cu.-N.
3	Calm	----	Calm	----	W	1	WSW	4	WSW	2	WSW	3	1.7	10	Ci.-S.	S.-Cu. NW	9	Ci.-S.	Cu.-N. W
4	SW	2	SW	2	SW	3	SW	5	SW	5	SW	4	3.5	10	Ci.-S.	Cu.-N. WSW	10	Ci.-S.	N. SW
5	SSW	2	SSW	2	S	4	S	3	S	1	S	1	2.2	10	Ci.-S.	N. SW	10	Ci.-S.	N. SSW
6	S	1	S	1	S	3	S	3	Calm	----	S	1	1.5	6	Ci.	Cu. SSW	3	Ci.	Cu.-N.
7	Calm	----	N	1	NE	1	NE	2	N	3	N	3	1.7	3	Ci.	S.-Cu.	6	Ci.-S.	Cu.-N.
8	N	1	NE	1	ESE	1	E	1	SW	2	NE	1	1.2	3	Ci.	S.	6	Ci.-S.	Cu.-N. E
9	NE	1	NE	1	SE	2	S	3	NW	1	NW	1	1.7	3	Ci.	S.	6	Ci.-S.	Cu.-N. SE
10	NW	1	N	1	NE	2	NE	1	NE	2	N	1	1.3	8	Ci.	S. N	6	Ci.	Cu.-N. E
11	N	1	N	1	ESE	2	E	1	S	4	NE	1	1.7	9	Ci.	S. N	7	Ci.	Cu. ESE
12	N	1	NE	1	S	2	SE	3	E	1	N	1	1.5	6	Ci.-S.	S.-Cu. SE	7	Ci.-S.	Cu.-N. SE
13	N	1	N	1	NE	2	NE	1	Calm	----	N	1	1	4	Ci.	S.-Cu.	5	Ci.	Cu.-N. ENE
14	N	1	N	1	Calm	----	N	2	Calm	----	N	2	1	10	Ci.-S.	Cu.-N. E	10	Ci.-S.	Fr.-N. N
15	N	1	Calm	----	Calm	----	E	2	S	2	S	1	1	10	Ci.-S.	Cu.-N.	10	Ci.-S.	N. E
16	Calm	----	S	1	E	2	E	2	E	1	N	2	1.3	9	Ci.-S.	S.-Cu. S	9	Ci.-S.	N. SE
17	NE	1	NE	1	S	1	S	2	Calm	----	Calm	----	.8	10	Ci.-S.	S.-Cu. E	7	Ci.	Cu.-N.
18	E	1	Calm	----	N	2	W	1	Calm	----	W	1	.8	3	Ci.	S.-Cu.	5	Ci.	Cu. WNW
19	SW	1	Calm	----	W	1	WSW	2	SW	1	Calm	----	.8	3	Ci.	S.-Cu. WNW	6	Ci.	Cu. W
20	Calm	----	SW	1	SW	1	WSW	2	SW	1	SW	1	1	10	Ci.-S.	S.-Cu. WSW	5	Ci.	Cu.-N. W
21	N	1	Calm	----	NW	2	WNW	2	SW	1	SW	1	1.2	10	Ci.	S. N	7	Ci.	Cu.-N. WNW
22	Calm	----	Calm	----	NW	2	SW	4	SW	3	SW	1	1.7	10	Ci.	S. W	9	Ci.-S.	Cu.-N. W
23	SW	1	SW	1	SW	1	SSW	1	SSW	1	Calm	----	.8	10	Ci.-S.	S.-Cu. WSW	9	Ci.	Cu. SW
24	Calm	----	S	1	S	2	S	4	S	3	S	3	2.2	10	Ci.-S.	S.-Cu. S	10	Ci.-S.	N. S
25	S	4	S	4	S	3	S	3	S	3	S	3	3.5	10	Ci.-S.	N. S	10	Ci.-S.	N. S
26	S	2	S	1	S	2	S	3	S	2	S	2	2	10	Ci.-S.	N. SSW	10	Ci.-S.	N. SSW
27	S	1	SSE	2	SSE	2	SSE	1	SSE	1	SSE	1	1.3	10	Ci.-S.	N. S	10	Ci.-S.	Fr.-N. S
28	Calm	----	W	1	Calm	----	W	2	W	1	Calm	----	.7	7	Ci.-S.	S.-Cu. WNW	10	Ci.-S.	N. WNW
29	Calm	----	Calm	----	SW	1	SW	1	SSW	3	S	1	1	8	Ci.-S.	S.-Cu.	7	Ci.	Cu.-N.
30	S	1	Calm	----	S	2	S	2	S	1	S	1	1.2	5	Ci.	S.-Cu.	4	Ci.	Cu.-N. S
Mean	-------	0.9	-------	0.9	-------	1.7	-------	2.2	-------	1.7	-------	1.4	1.5	7.7	----------	----------	7.6	----------	----------

SAN ISIDRO.

[$\phi = 15° 22'$ N; $\lambda = 120° 53'$ E; barometer above sea, 20 meters; gravity correction not applied, —1.69 mm.]

OCTOBER, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.67	58.80	58.83	57.21	57.79	60.31	58.60	24	23.5	29	32.1	29.5	25	27.2	32.5	23	97	99	75	68	81	97	86.2	2.8
2	59.04	59.08	59.73	56.71	59.16	59.36	58.85	24.9	24.5	29.1	30.7	26.5	25	26.8	31.5	23.9	98	97	83	70	88	97	88.8	1.8
3	58.08	58.92	59.91	56.73	58.39	59.86	58.56	24	23.1	26.2	27.8	27.1	24	25.4	28.6	22.7	98	98	90	86	90	96	93	17
4	58.38	59.21	60.40	57.93	58.63	59.58	59.02	24.4	23.7	24.3	25.4	25	23.5	24.4	25.7	23	97	97	97	95	95	96	96.2	45.5
5	58.61	58.83	60.18	57.68	58.68	59.66	58.94	23.5	22.6	23.6	25.5	24	23	23.7	26	22.1	96	99	97	96	97	97	97	24.4
6	58.07	58.38	58.73	56.33	57.96	58.98	58.08	23	23	27.7	29	24.5	24	25.2	30.6	22.4	98	99	87	78	92	97	91.8	4.6
7	57.48	57.93	59.22	56.97	57.18	59.04	57.97	23.4	22.6	26.6	30.4	27.4	26	26.1	30.6	22	98	99	86	70	78	95	87.7	.3
8	58.46	58.56	59.11	57.45	57.92	59.10	58.43	25	23.8	27.1	27.2	26	25	25.7	28	23.4	97	97	77	83	89	95	89.7	2.5
9	58.06	58.78	59.34	57.98	58.06	59.23	58.58	24.2	23.4	23.1	24.5	24.5	24.2	24	25	22.5	97	97	98	96	97	98	97.2	18.8
10	58.22	59.01	59.89	57.77	58.55	60	58.91	24	24	28	29.4	27.5	25	26.3	29.6	23.4	98	98	83	79	85	92	89.2	------
11	58.78	59.43	60.08	57.43	57.75	58.94	58.74	23.7	23	27.9	30.6	27.9	25.5	26.4	30.6	22.6	93	97	82	68	87	92	86.5	------
12	58.43	58.76	59.05	56.81	57.26	59.01	58.22	24.8	22.9	28.6	31.4	28.5	26.5	27.1	32.2	22.5	97	99	74	67	78	88	83.8	------
13	58.44	59.03	59.64	57.41	58.02	59.21	58.62	24.9	24	29.7	31.5	28	26.2	27.4	32.4	23.4	98	99	72	66	78	90	83.8	------
14	58.42	59	59.57	57.43	57.73	58.87	58.50	24.9	24.5	29.5	29.8	27.5	25.8	27	31.5	23.7	96	96	76	69	76	87	83.3	------
15	58	57.66	58.71	56.39	57.15	58.60	57.75	25	24.4	26.5	29.4	26.5	24.8	26.1	30.4	23.4	92	94	80	75	92	97	88.3	23.9
16	56.66	57.25	57.77	55.71	56.44	57.11	56.82	24.4	23.9	26	27.4	25.5	25	25.4	28.2	23.4	97	99	94	86	96	98	95	8.2
17	56.53	56.96	57.85	55.60	57.39	58.28	57.10	24.8	24.5	26	28.4	25.4	24.4	25.6	28.6	24	98	99	96	85	97	98	95.5	17.5
18	57.51	58.26	59.19	56.75	57.78	58.47	57.99	24	23.9	27.9	26.9	24.6	24.6	25.3	30.8	23.4	99	99	85	93	98	99	95.5	12.7
19	57.08	58	57.95	56.07	57.07	57.84	57.34	24.2	24.2	29	30.2	27.5	25.6	26.8	30.9	23.4	98	98	81	74	84	95	88.3	1.3
20	57.27	57.68	58.67	56.62	57.99	59.41	57.94	24.6	25	29.4	29.9	27	25	26.8	30.7	24	98	96	79	74	84	91	87	4.6
21	58.46	59.36	60.36	58.80	59.06	60.17	59.37	24.4	23.6	25.4	25.2	25	24	24.6	26.6	23.3	98	98	97	98	93	98	97	28.9
22	59.08	59.26	59.68	58.04	57.78	58.58	58.74	23.9	23.6	25.3	25.6	25	24.2	24.6	26.4	23.1	98	99	93	97	98	98	97.2	7.9
23	57.92	58.67	59.25	57.18	58.02	59.67	58.45	24	23.7	27.9	28.6	25.8	25	25.8	29.1	23.2	98	99	84	81	96	98	92.7	9.4
24	58.21	59.35	60.49	57.52	58.54	60.14	59.04	24.5	24.1	27.7	30.7	26.9	25.6	26.6	31.5	23.6	99	97	87	69	93	95	90	5.8
25	58.95	59.62	60.32	58.42	59.23	61.34	59.65	25	24	28.4	29.8	26.9	25.6	26.6	30.2	23.5	98	98	82	74	86	95	88.8	7.9
26	60.66	61.43	62.05	59.81	59.93	61.52	60.90	24.6	23.7	27.2	27.1	26.4	24.8	25.6	29.9	23.3	97	97	86	85	89	98	92	4.6
27	59.98	60.59	61.19	58.29	58.62	59.88	59.76	23.8	23.1	27.7	30.7	27.4	24.4	26.2	31	22.6	98	99	84	72	74	91	86.3	1
28	58.50	58.72	59.61	57.45	58.38	59.61	58.71	24	23	29.3	28.5	27.5	25.2	26.2	30.9	22.5	97	97	74	79	85	95	87.8	.3
29	58.96	59.59	60.30	58.20	58.83	60.24	59.35	24.5	22.6	29	31.6	27.5	25	26.7	32.1	22.2	96	97	68	62	73	88	80.7	------
30	59.68	60.04	60.64	58.18	58.57	59.54	59.44	23.8	23.1	27.6	30.9	27.6	25	26.3	31.2	22.5	95	96	76	61	76	88	82	------
31	58.68	58.86	58.75	56.82	57.13	57.94	58.03	24.2	23.5	26.6	29.9	26.6	25	26	30.3	23	91	92	83	71	84	97	86.3	1.3
Mean	58.36	58.87	59.56	57.34	58.10	59.32	58.59	24.3	23.6	27.3	28.9	26.5	24.9	25.9	29.8	23.1	96.9	97.6	84.1	78.3	87.4	94.7	89.8	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	253

Day.	Wind.												Mean force.	Clouds.				
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.			6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–10*			*0–10*		
1	S	1	NE	1	NE	1	SE	1	E	1	NE	1	1	1	Ci.	Cu.	4	Ci.	Cu.-N. E
2	Calm	----	Calm	----	NW	2	NW	1	NW	3	N	1	1.2	6	Ci.	S.-Cu. NW	8	Ci.-S.	Cu.-N. NW
3	Calm	----	Calm	----	NE	1	Calm	----	SE	1	Calm	----	.3	8	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N.
4	Calm	----	NE	1	NE	1	NE	1	NE	1	SE	1	.8	10	Ci.-S.	N.	10	Ci.-S.	Cu. E
5	SE	1	Calm	----	SE	1	SE	1	S	2	S	1	1	10	Ci.-S.	N. ESE	9	Ci.-S.	Cu. S
6	Calm	----	Calm	----	S	1	S	2	S	2	S	1	1	8	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N. S
7	NE	1	Calm	----	NE	1	SE	3	SE	1	SE	1	1.2	4	Ci.	Cu.-N.	6	Ci.	cu.-N. SE
8	N	1	Calm	----	NE	1	E	1	Calm	----	NE	1	.7	7	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N.
9	Calm	----	Calm	----	NE	1	Calm	----	S	1	Calm	----	.3	10	Ci.-S.	N.	10	Ci.-S.	Cu. SW
10	S	1	SSW	1	SSW	1	SSW	2	SSW	2	SSW	1	1.3	10	Ci.-S.	S.-Cu. SW	6	Ci.	Cu.-N. SW
11	N	1	N	1	N	2	N	3	Calm	----	N	1	1.3	5	Ci.	S.-Cu.	5	Ci.	Cu.-N.
12	N	1	N	1	N	2	NE	2	NE	2	N	1	1.5	6	Ci.	S. N	4	Ci.	Cu. NE
13	N	1	N	1	NE	2	NE	1	E	2	NE	1	1.3	2	Ci.	----------	6	Ci.	Cu. NE
14	NE	1	N	1	NE	3	E	4	E	3	NE	2	2.3	5	Ci.	S.-Cu.	6	Ci.	Cu. E
15	NE	2	N	1	N	1	NE	1	Calm	----	NE	1	1	8	Ci.	S.-Cu. E	10	Ci.-S	Cu.-N. E
16	NE	1	N	1	E	1	E	1	NE	1	NE	1	1	6	Ci.	S. N	10	Ci.-S.	Cu.-N. E
17	NE	1	Calm	----	S	1	S	1	S	1	S	1	.8	10	Ci.-S.	N. E	9	Ci.-S.	Cu.-N.
18	Calm	----	Calm	----	SW	1	SE	2	SE	2	N	1	1	7	A.-Cu. SW	Cu.-N.	8	Ci.-S.	cu.-N. SE
19	Calm	----	SE	1	E	1	E	4	E	3	E	1	1.7	8	Ci.	S.-Cu. SE	5	Ci.	Cu. SE
20	N	1	NE	1	NE	3	E	5	E	4	E	2	2.7	6	Ci.	Cu.-N. SE	6	A.-Cu. E	Cu. ESE
21	NE	1	N	1	E	1	E	2	NE	1	NE	1	1.2	4	Ci.	Cu. E	10	Ci.-S.	N. E
22	N	2	N	1	N	2	N	2	N	1	N	1	1.5	8	Ci.-S.	Cu.-N. E	10	Ci.-S.	N. E
23	Calm	----	Calm	----	NE	2	E	1	NE	2	NE	1	1	6	Ci.	S.-Cu. E	10	Ci.-S.	Cu.-N. E
24	N	1	N	1	NE	1	E	2	E	1	E	1	1.2	5	Ci.	Cu. E	6	Ci.	Cu. E
25	N	1	N	1	E	4	E	5	E	1	E	1	2.2	5	Ci.	Cu. E	5	A.-Cu.	Cu. E
26	N	1	N	1	NE	3	E	2	E	1	E	1	1.5	7	Ci.	Cu.-N. E	8	Ci.-S.	Cu.-N. E
27	NE	1	NE	1	E	2	E	3	NE	3	NE	1	1.8	6	Ci.	S.-Cu. E	4	Ci.	Cu. E
28	N	2	N	1	N	1	E	1	E	1	N	1	1.2	3	A.-Cu.	Cu. NE	7	Ci.	Cu.-N. E
29	N	1	N	1	E	2	SE	2	E	1	N	1	1.3	1	Ci.	S.-Cu.	5	Ci.	Cu. E
30	N	1	N	1	NE	3	NNE	3	NE	1	NE	1	1.7	4	Ci.	S.-Cu. E	5	Ci.	Cu. NE
31	NE	1	NE	1	NE	1	NE	1	NE	1	NE	1	1	8	Ci.-S.	Cu.-N. ENE	7	Ci.	Cu. ENE
Mean	-----	0.8	-----	0.7	-----	1.6	-----	1.9	-----	1.5	-----	1	1.3	6.3	----------	----------	7.3	----------	----------

SAN ISIDRO.

[ϕ=15° 22′ N; λ=120° 53′ E; barometer above sea, 20 meters; gravity correction not applied, —1.69 mm.]

NOVEMBER, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.90	57.18	57.37	55.44	56.14	57.60	56.77	24	23.5	28.7	29.1	26.6	25	26.2	30.2	23.1	97	97	73	70	80	92	84.8	1.8
2	56.86	57.40	58.34	55.70	56.91	58.62	57.30	23.8	23.6	28.5	31.1	26.6	24.6	26.4	31.4	23.3	97	97	73	66	65	85	80.5	4.6
3	58.28	58.73	59.37	57.18	57.92	59.64	58.52	23.7	22.7	28.7	31.1	27	24.6	26.3	31.4	22.4	89	96	68	58	74	87	78.7	------
4	58.66	59.08	59.29	56.40	56.90	58.55	58.15	23.5	22.6	28.7	31.2	27.6	25.6	26.5	32.1	22.3	91	95	70	61	76	84	79.5	------
5	57.46	58.31	58.93	55.67	55.47	57.37	57.20	24	23	28.6	31.5	28.5	26.2	27	31.8	22.1	93	97	73	61	75	87	81	------
6	56.71	57.58	58.33	55.68	55.78	57.48	56.94	24.6	23.5	28.6	31.4	28	26.5	27.1	31.6	23	95	96	73	60	80	86	81.7	------
7	56.57	57.39	58.03	55.52	55.75	57.34	56.77	26	24.4	28.5	31.5	27.4	24.8	27.1	31.7	23.8	87	97	73	63	75	93	81.3	------
8	56.46	57.21	58.38	56.17	56.91	58.80	57.32	23.8	22.6	27.7	31.4	28	25.5	26.5	31.9	22.4	93	95	79	62	81	91	83.5	------
9	58.16	58.93	59.69	57.47	57.78	59.92	58.66	24.5	23.4	28.2	30.7	26.5	25	26.4	31.4	22.6	91	95	79	75	85	95	86.7	10.7
10	59	59.46	60.49	57.89	57.93	59.16	58.99	24.6	24	28.1	28.6	25.9	24.6	26	30.4	23.5	95	97	80	71	81	88	85.3	------
11	58.58	59.43	60.39	57.98	58.59	60.08	59.18	23.4	22	27.7	29.6	26.1	23.8	25.4	30.4	21.4	91	91	67	63	72	86	78.3	------
12	59.41	59.78	60.99	58.64	59.24	60.93	59.83	22.4	21.4	27.5	30.2	26.2	23.8	25.2	30.9	20.5	91	91	72	59	75	81	78.2	------
13	60.34	61.03	61.34	59.32	59.62	60.99	60.44	22	21.4	28.5	29.6	25.4	22.6	24.9	30.8	20.5	88	89	58	63	76	89	77.2	------
14	60.33	60.65	60.60	58.12	58.27	60.06	59.67	21.5	19.9	27.3	30.7	25.5	24.2	24.8	31	19	87	91	61	54	83	90	77.7	------
15	58.88	58.83	58.88	56.33	56.79	57.21	57.65	22.8	21.5	28.6	31	27.5	25.8	26.2	31.6	20.7	89	91	69	59	73	85	77.7	------
16	56.57	56.80	57.10	54.07	55.16	56.61	56.07	23.2	22.1	27.7	30.6	28.4	25.8	26.2	31.4	21.5	91	95	76	62	78	90	82	------
17	55.96	56.83	57.49	54.88	55.77	57.86	56.46	25.2	24.5	27.7	30.9	28.4	26.6	27.2	31.9	23.8	90	96	79	64	80	87	82.7	------
18	57.41	58.56	59.20	56.14	57.28	59.34	57.99	25.2	23.5	28.2	31.5	26.5	24.8	26.6	32.7	23	92	96	80	65	88	97	86.3	2.5
19	58.10	58.66	59.38	56.80	57.88	59.07	58.32	24.5	23.4	28.3	31.1	27.9	25.5	26.8	31.6	22.9	97	97	77	67	74	91	83.8	------
20	58.20	57.85	59.12	57.03	58.15	59.30	58.28	24.5	23.2	28.4	28	26	24.5	25.8	29.3	22.8	96	97	77	81	87	92	88.3	------
21	58.02	58.23	59.65	57.32	58.79	59.91	58.66	23.5	22.6	28	31.2	26	24.6	26	31.5	22.2	96	96	79	57	88	95	85.2	.3
22	58.72	59.03	59.76	57.59	59.34	60.01	59.08	24	23	27.2	29	25.5	24	25.4	30.4	22.5	96	97	79	71	92	96	88.5	19.8
23	58.32	58.96	59.73	57.95	58.22	59.45	58.77	23.8	23.4	25.5	28.1	26.1	24.6	25.2	29.1	23	97	97	93	72	86	88	88.8	3.5
24	58.43	58.93	59.86	57.43	57.39	58.79	58.48	23.6	23.5	27	30	27.1	25	26	30.5	23.1	95	96	84	65	77	88	84.2	.5
25	57.91	58.41	58.79	56.27	56.72	57.85	57.66	24	23.3	27.5	29.7	25.5	24	25.7	30.6	22.9	95	95	77	71	84	91	85.5	1.5
26	56.67	56.71	56.93	55.08	55.57	56.78	56.29	23	21.6	28	27.5	25	23.6	24.8	31.5	21.3	91	96	77	80	82	90	86	3.8
27	56.41	56.92	57.19	54.58	55.58	56.60	56.21	22	21.2	27.8	30.7	26.2	24.6	25.4	31.4	20.6	93	95	76	60	86	92	83.7	.5
28	56.04	56.67	57.34	54.91	55.99	57.07	56.34	23.5	23.1	27.9	31.6	27.5	24.6	26.4	31.9	22.7	96	96	82	59	81	92	84.3	------
29	56.22	57.27	58.30	55.61	57.37	58.81	57.26	22.8	22	27.6	29.8	26	23.9	25.4	30.6	20.9	91	91	62	52	70	68	72.3	------
30	58.31	59.19	60	57.52	58.67	60.07	58.96	22.5	20	26.5	28.1	24.5	20.9	23.8	28.6	19.4	70	81	61	49	70	72	67.2	------
Mean	57.80	58.32	58.99	56.56	57.26	58.71	57.94	23.7	22.7	27.9	30.2	26.6	24.7	26	31.1	22.1	92	94.5	74.2	64	79.1	88.3	82	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	49.5

Day.	Wind.														Clouds.				
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		Mean force.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.			Amount.	Form and direction.		Amount.	Form and direction.	
																Upper.	Lower.		Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–10*	*0–10*			*0–10*		
1	N	1	NE	1	E	1	E	2	E	1	E	1	1.2	6	Ci.		cu.-N.ENE	6	A.-Cu.	Cu.-N.E
2	Calm	----	Calm	----	E	2	E	3	E	3	Calm	----	1.3	7	Ci.-S.		Cu.-N.	5	A.-Cu.ESE	Cu. E
3	E	1	Calm	----	E	2	E	3	E	1	E	1	1.3	3	Ci.		S.-Cu.	2	Ci.	Cu. E
4	N	1	N	1	N	3	NE	2	NE	1	N	1	1.5	0	Ci.			5	A.-Cu.	Cu. NE
5	N	1	N	1	N	3	N	3	Calm	----	N	1	1.5	2	Ci.			3	A.-Cu.	Cu. NE
6	N	1	N	1	NE	2	NE	2	Calm	----	Calm	----	1	4	Ci.		Cu. NE	5	A.-Cu.	Cu. NE
7	N	1	NW	1	NW	2	NW	2	NW	3	SW	1	1.7	4	Ci.		Cu. NW	5	Ci.	Cu. NW
8	SW	1	SW	1	W	1	SW	1	SW	1	SW	1	1	2	Ci.		Cu.	4	Ci.	Cu.-N.
9	SW	1	Calm	----	N	1	E	1	NNE	2	SW	1	1	4	Ci.		S.-Cu.	6	Ci.	Cu.-N.E
10	Calm	----	NE	1	NE	2	E	2	E	1	NE	2	1.3	3	Ci.		S.-Cu.	5	Ci.	Cu.-N.E
11	N	2	N	1	NE	1	E	3	E	1	E	1	1.8	5	Ci.		S.-Cu.	5	Ci.	Cu. E
12	N	1	N	1	E	1	E	2	E	2	N	2	1.5	2	Ci.		S.-Cu.	4	Ci.	Cu. E
13	N	2	N	1	N	1	E	3	E	3	E	1	2	1	Ci.		Cu. E	7	Ci.	Cu. E
14	N	1	N	1	N	3	NE	2	E	3	E	1	2	1	Ci.			5	Ci.	Cu. NE
15	NW	2	N	1	N	3	NNE	4	N	2	NW	1	1.7	1	Ci.			6	Ci.	cu.-N.NE
16	N	1	NE	1	NW	2	NW	3	Calm	----	N	2	2	4	Ci.		S.-Cu.	5	Ci.	cu. NNW
17	Calm	----	Calm	----	NW	1	NW	3	NW	3	Calm	----	1.7	5	Ci.		Cu.-N.	3	Ci.	Cu.-N.
18	N	1	N	1	N	3	NW	1	Calm	----	NW	1	.5	8	Ci.-S.		Cu. WNW	5	Ci.	Cu. N
19	N	1	N	1	N	2	N	2	NNW	4	N	2	2.3	7	Ci.		Cu. N	4	Ci.	Cu. NE
20	Calm	----	Calm	----	E	1	N	2	E	2	E	2	1.7	4	Ci.		S.-Cu.	4	Ci.	Cu.-N.E
21	N	1	N	1	E	2	E	2	E	2	NE	1	1	5	Ci.		S.-Cu.	7	Ci.-S.	Cu.-N.E
22	N	1	N	1	N	2	ESE	4	ESE	2	ESE	1	1.8	9	Ci.-S.		Cu.-N.	5	Ci.	Cu.-N.E
23	N	2	N	2	NE	2	E	1	E	2	N	2	1.5	4	Ci.		S. N	8	Ci.-S.	Cu.-N.E
24	N	2	N	1	NE	2	E	4	E	1	NE	1	2	10	Ci.-S.		Cu.-N. E	10	Ci.-S.	Cu.-N.E
25	Calm	----	E	1	E	2	E	4	E	3	E	1	2.2	8	Ci.-S.		Cu. E	6	Ci.	Cu.-N.E
26	N	1	N	1	N	4	NE	4	E	2	N	1	1.3	6	Ci.		Cu.-N.	6	A.-Cu.	Cu. NE
27	N	2	N	1	NNW	3	NNW	4	NW	2	E	1	2.2	3	Ci.		S.-Cu.	7	Ci.	cu.-N.NE
28	NW	1	WNW	1	NW	2	N	4	NW	3	NW	2	2.2	6	Ci.		S.-Cu.	4	Ci.	Cu. N
29	NW	1	N	1	N	4	NNW	4	NNW	4	N	2	2.3	2	Ci.		s.-cu.NNW	5	A.-Cu.	cu. NNE
30	N	3	NNE	3	NNE	4	NNE	4	E	4	N	2	3	3	Ci.		S.-Cu.	5	Ci.	Cu. N
													3.3	10	Ci.-S.		Cu.-N.	5	Ci.	Cu.-N.
Mean	------	1.1	------	0.9	------	2.1	------	2.7	------	2	------		1.3	4.5	----------	----------		5.3	----------	----------

SAN ISIDRO.

[$\phi = 15° 22'$ N; $\lambda = 120° 53'$ E; barometer above sea, 20 meters; gravity correction not applied, —1.69 mm.]

DECEMBER, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.08	59.40	59.81	56.88	57.54	58.24	58.49	19.5	19	26.4	28.9	25	22	23.5	29.4	18	76	75	56	48	70	82	67.8	------
2	57.83	58.30	59.21	56.23	57.34	57.84	57.79	21.4	20.4	26.5	29.6	26	23	24.5	30.4	19.4	84	87	62	52	73	84	73.7	2
3	57.24	58.29	59.44	57.99	58.66	60.17	58.63	22.6	22.5	24	27.2	25.9	24.2	24.4	27.6	21	91	96	91	82	88	93	90.2	1.3
4	58.57	59.08	59.83	57.27	58.03	59.09	58.64	23.5	22.6	28.1	30.6	27	24.4	26	31.2	22	94	95	77	64	75	88	82.2	------
5	57.97	58.59	59.05	56.33	57.30	58.36	57.93	23	22	28.1	30.6	26.9	23	25.6	31.3	21.5	95	96	72	58	70	91	80.3	------
6	57.48	57.88	58.80	56.61	56.89	58.51	57.70	22	20.8	28.1	31.5	27	24	25.6	32	20.3	91	93	70	53	71	86	77.3	------
7	57.61	57.93	58.88	56.57	57.44	58.41	57.81	22	20.9	28.8	31.5	27.1	24.1	25.7	32	20.3	91	94	61	57	72	87	77	------
8	57.63	57.99	58.47	55.91	56.50	58.13	57.44	22.5	22	28.8	30.4	27.5	25.6	26.1	32.5	21.5	91	91	73	63	76	84	79.7	------
9	57.26	57.97	59.27	57.25	57.61	58.86	58.04	24	23	29.4	25.9	25.9	23.2	25.2	30.6	22.4	91	95	71	86	81	91	85.8	2
10	58.13	58.75	59.39	57.14	58.21	58.96	58.43	22.5	21.5	28.4	31	26.7	24	25.7	31.2	21	94	95	71	60	72	86	79.7	------
11	58.17	58.29	59.30	57.17	57.74	59.04	58.28	23	22	27.1	30.1	27.1	25.2	25.8	31	21.6	93	95	80	64	72	86	81.7	------
12	58.16	58.41	59.38	56.66	57.66	59.16	58.24	23.8	22	28.9	32	27	24	26.3	32.4	21.4	91	95	68	52	70	87	77.2	------
13	58.58	59.07	59.90	57.62	58.14	59.17	58.75	22.5	22.1	28.4	29.4	27	23.8	25.5	31	21.4	91	91	70	64	65	81	77	------
14	58.08	58.53	59.53	57.06	57.65	58.70	58.26	22	21.7	28.9	31.5	26.9	24.5	25.9	32.1	21.2	91	94	67	54	75	83	77.3	------
15	57.28	57.68	58.79	56.12	57.08	58.41	57.56	23	23.6	29.6	31.5	27.6	25.5	26.8	32	22.5	83	84	61	52	73	80	72.2	.8
16	56.46	57.58	58.64	55.64	56.72	58.02	57.18	24	22.8	26.2	30.6	27.4	25.1	26	31.1	22.3	88	93	82	58	70	86	79.5	.8
17	56.56	56.98	58.21	56.23	57.10	58	57.18	23.8	22.9	27.5	27.5	26.4	24.5	25.4	29.2	22.1	91	93	81	80	81	93	86.5	5.3
18	56.82	57.59	58.28	55.47	56.69	57.80	57.11	24	22.7	27.7	30.4	27.1	24.4	26	31.8	22.2	95	98	77	65	76	90	83.5	------
19	56.62	57.29	58.24	55.78	56.80	58	57.12	23.6	23.4	27.9	30	27.5	26.2	26.4	30.9	22.6	91	92	74	65	73	79	79	------
20	57.06	57.79	58.38	56.26	57.23	58.88	57.60	24	22.4	29	31.1	27.2	24.5	26.4	32	21.9	93	95	62	53	71	86	76.7	------
21	58.08	59.23	59.57	56.75	57.44	58.67	58.29	23	21.1	28.2	31.6	27.5	25	26.1	31.9	20.6	91	94	66	56	71	85	77.2	12.4
22	57.59	58.93	58.94	57.15	57.96	58.87	58.24	24	23	26.1	28	26.1	24	25.2	28.5	22.6	91	97	80	74	79	88	84.8	1
23	57.68	58.32	58.81	56.40	57.15	58.21	57.76	22.2	21.1	27.4	30.9	26.7	24	25.4	31.5	20.6	93	96	70	56	72	88	79.2	------
24	57.53	58.09	58.74	57.04	58.01	59.21	58.10	23	22.8	26.2	28.2	26	24	25	29.2	22.1	93	94	79	76	76	88	84.3	.5
25	58.78	59.34	59.84	57.60	58.41	59.04	58.84	22.6	21.4	27	31	27	24.6	25.6	31.4	20.6	95	95	70	53	72	85	78.3	------
26	58.16	58.69	58.84	56.56	58.26	58.92	58.24	23.2	22	28.6	30.2	26	23.5	25.6	31	21.5	93	95	66	57	71	84	77.7	------
27	58.04	58.40	58.87	56.93	58.30	58.91	58.24	22.8	21.5	28.4	29	26.2	24	25.3	30.3	20.7	84	87	58	60	69	76	72.3	------
28	58.32	59.27	60.05	58.09	59.45	59.71	59.15	23	22.6	26.2	27.4	24.9	23	24.5	28.5	21.8	83	82	70	67	71	78	75.2	------
29	58.43	58.66	59.41	57.40	58.76	59.58	58.71	22.6	22	26.6	27.5	23.8	22	24.1	28.3	21.4	82	82	68	65	87	95	79.8	8.4
30	58.41	58.47	59.16	57.15	57.68	58.78	58.28	21.7	21.6	23.8	25.5	24.6	23.4	23.4	26.2	21	96	96	89	81	83	90	89.2	.8
31	57.84	58.69	59.27	56.36	57.56	59.05	58.13	22.8	22.5	27.4	29.6	27	24.5	25.6	30.2	21.9	95	96	79	66	73	87	82.7	1.3
Mean	57.79	58.37	59.11	56.76	57.66	58.73	58.07	22.8	22	27.5	29.7	26.5	24.1	25.4	30.6	21.3	90.4	92.3	71.6	62.6	74.1	86	79.5	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	36.6

Day.	Wind.													Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		Mean force.	6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–10*			*0–10*		
1	N	2	N	3	NNE	5	NNE	4	E	1	NNE	2	2.8	2	Ci.	----------	3	Ci.	Cu. NE
2	NNE	1	N	1	NNE	4	NNE	5	NNE	2	NW	1	2.3	8	Ci.	Cu. E	6	Ci.	Cu. E
3	N	1	NE	1	NW	2	NE	1	S	1	NW	1	1.2	10	Ci.-S.	N. NE	9	Ci.-S.	Cu. ENE
4	Calm	----	Calm	----	NE	3	E	3	E	3	N	1	1.7	5	Ci.	S.-Cu.	5	Ci.	Cu. E
5	N	1	N	1	NE	1	E	3	E	2	N	2	1.7	1	Ci.	S.-Cu.	4	Ci.	Cu. E
6	N	1	N	1	NE	2	E	2	E	3	E	1	1.7	1	Ci.	Cu.	5	Ci.	Cu. E
7	N	1	N	1	N	4	NE	4	E	3	NW	1	2.3	1	----------	S.-Cu.	4	Ci.	Cu. E
8	N	1	N	1	NE	1	NW	3	NE	1	NE	1	1.3	4	Ci.	Cu. E	5	Ci.	Cu. NE
9	NE	1	NE	1	NE	4	E	2	E	1	N	1	1.7	5	Ci.	Cu.-N.	7	A.-Cu.	Cu.-N. ESE
10	N	1	N	1	N	2	E	2	E	2	N	1	1.5	4	Ci.	S.-Cu. E	5	Ci.	Cu. E
11	Calm	----	Calm	----	NW	1	E	2	E	2	E	1	1	6	Ci.	S.-Cu. E	5	Ci.	Cu. E
12	N	1	N	1	NE	3	NE	3	E	1	NE	1	1.7	2	Ci.	Cu.	5	A.-Cu.	Cu. NE
13	NE	1	E	1	NE	3	E	3	E	3	N	1	2	6	Ci.	S.-Cu. E	4	A.-Cu.	Cu. E
14	N	1	Calm	----	NE	2	E	4	E	2	NE	1	1.7	6	Ci.	S.-Cu. E	6	Ci.	Cu. E
15	NE	2	NE	3	NE	3	E	2	NE	1	NE	1	2	7	Ci.	Cu.-N. E	6	Ci.	Cu. E
16	N	1	N	1	NE	2	E	4	E	4	E	1	2.2	8	Ci.-S.	Cu.-N. E	6	Ci.	Cu. E
17	N	1	NE	1	NE	2	E	1	E	2	NE	1	1.3	6	Ci.	S.-Cu. E	10	Ci.-S.	Cu.-N. E
18	N	1	N	1	NE	1	ESE	4	E	1	N	1	1.5	5	Ci.	S.-Cu.	5	Ci.	Cu. ESE
19	NE	1	NE	1	NW	2	E	4	ESE	4	ESE	1	2.2	6	Ci.	Cu.-N. ESE	6	Ci.	Cu.-N. ESE
20	N	1	N	1	E	4	SE	4	ESE	4	N	1	2.5	4	Ci.	S.-Cu.	2	Ci.	Cu. E
21	N	1	NE	1	NE	2	E	4	E	4	N	1	2.2	2	Ci.	Cu.	5	Ci.	Cu. NE
22	N	1	N	1	NW	1	NW	2	E	1	N	1	1.2	10	Ci.-S.	Cu.-N. NE	6	Ci.	Cu.-N. NE
23	N	1	N	1	N	2	E	2	E	2	N	1	1.5	1	Ci.	Cu.	5	Ci.	Cu. E
24	N	1	Calm	----	NE	1	E	2	E	1	E	1	1	6	Ci.	S.-Cu. E	8	Ci.-S.	Cu.-N. E
25	N	1	N	1	NE	2	NE	2	E	3	N	1	1.7	5	Ci.	S.-Cu.	3	Ci.	Cu. NE
26	N	1	N	1	N	3	NE	5	E	4	E	1	2.5	3	Ci.	S.-Cu.	7	A.-Cu. E	Cu. NE
27	N	2	N	1	N	4	NE	4	NE	2	NE	4	2.8	5	Ci.	S.-Cu.	7	Ci.	Cu. NE
28	NE	3	NE	1	NE	1	NE	2	NE	3	NE	3	2.2	6	Ci.	S.-Cu. E	8	Ci.	Cu. ENE
29	NE	1	NE	1	NE	3	NE	2	Calm	----	NE	1	1.3	4	Ci.	Cu. NE	8	Ci.	Cu.-N. E
30	N	1	Calm	----	N	3	NNW	3	NNW	2	NNW	1	1.7	10	Ci.-S.	N. E	10	A.-S.	Fr.-N. N
31	NW	1	NW	1	N	1	E	2	ESE	3	N	1	1.5	10	Ci.-S.	S.-Cu.	5	A.-Cu.	Cu. E
Mean	-------	1.1	-------	1	-------	2.4	-------	2.9	-------	2.2	-------	1.2	1.8	5.1	----------	----------	5.8	----------	----------

DAGUPAN.

[$\phi = 16° 03'$ N; $\lambda = 120° 20'$ E; barometer above sea, 2.7 meters; gravity correction not applied, —1.67 mm.]

JANUARY, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.37	57.77	58.79	55.65	56.85	57.35	57.46	23.4	22.4	30	31.4	27.4	26.5	26.8	34.7	22	93	92	67	66	81	87	81	------
2	55.87	55.67	57.23	54.54	54.85	55.34	55.58	24.5	24.1	26.5	28.6	27	25	26	29.4	23.8	95	94	82	76	80	91	86.3	------
3	54.72	55.06	56.50	54.50	54.95	57.10	55.47	24.2	23.6	26.5	29.5	27.5	24.7	26	31.9	23.1	91	90	80	64	79	91	82.5	2.8
4	56.55	57.62	59.55	57.07	58.45	59.79	58.17	24.4	24	30	33.1	28.2	25.4	27.5	33.7	23.5	88	91	69	58	75	88	78.2	------
5	58.75	58.95	60.14	57.88	59.51	59.88	59.18	24.4	23	31.4	32.5	26	24.1	26.9	33.6	22.5	89	91	66	63	87	91	81.2	------
6	58.77	59.07	60.54	58.49	59.39	59.74	59.33	23	21.6	29.5	33	27.6	24.5	26.5	33.8	21.1	89	90	64	47	70	83	78.3	------
7	59.48	59.51	60.12	58.18	59.32	60.14	59.46	23	21.7	29.7	29.5	26.9	25.5	26	33.3	21.4	88	94	66	67	85	89	81.5	1.8
8	59.75	60.62	61.42	59.69	60.85	62	60.72	23.6	22.5	30.5	30.6	26.2	25	26.4	33.2	22.1	96	96	65	65	90	96	84.2	3.6
9	61.31	62.02	62.92	60.30	60.92	62.45	61.65	23.6	22.5	29.5	30.5	27.6	24.1	26.3	32.3	22	97	95	68	60	69	82	78.5	------
10	61.46	62.11	63.53	60.83	61.07	62.43	61.90	22.3	22	30.5	31.5	27.5	26	26.6	32	21.5	89	90	63	62	80	88	78.7	------
11	61.79	62.20	63.02	60.54	61.27	62.04	61.81	23.4	22	30.5	30	27.5	24.5	26.3	32.5	21.6	97	96	55	64	76	91	79.3	------
12	61.10	61.49	62.42	59.80	60.33	61.28	61.07	23	22	30.5	29.7	27.3	24.2	26.1	31.3	21.5	86	81	56	62	74	85	74	------
13	60.49	60.57	61.79	59.40	59.62	60.64	60.42	22.4	22.1	29.5	30.1	27.5	24	25.9	30.8	21.7	89	84	64	62	73	86	76.3	------
14	59.62	59.81	60.81	58.15	58.63	59.20	59.37	22.4	20.9	29.5	30	27	25.5	25.9	30.9	20.5	88	91	61	56	76	81	75.5	------
15	57.46	57.27	58.64	56.36	56.74	57.82	57.38	23.2	21.6	26.5	28.6	26.5	25.2	25.3	29.2	21.5	88	95	70	69	79	81	80.3	------
16	57.25	57.54	59.14	57.62	58.22	59.82	58.26	23.9	21.5	26.5	28.7	26	21.6	24.7	29.3	20.8	81	90	66	59	66	64	71	------
17	59.28	59.23	61	58.15	59.27	60.53	59.58	20.4	20.1	27.5	30.5	24.5	21.5	24.1	30.9	19.5	69	67	47	34	49	61	54.5	------
18	60.42	60.57	61.69	59.14	60.21	61.72	60.62	19.8	17.5	26.5	30.6	25	20.7	23.4	31.3	17	68	78	47	41	60	75	61.5	------
19	61.32	60.83	62.47	60.08	60.38	61.42	61.08	18.5	17	27.2	27.2	24.7	20.5	22.5	31	16.4	83	86	48	52	70	86	70.8	------
20	60.50	60.47	61.66	58.88	59.24	60.20	60.16	19.5	20	26.8	30.5	26	21.5	24	31.7	18.2	81	76	58	46	58	77	66	------
21	59.55	59.62	61	58.68	58.72	58.80	59.40	21	19.6	26.4	28	25.5	24	24.1	28.8	19	73	77	59	59	61	71	66.7	------
22	58.83	59.03	60	57.80	57.44	58.55	58.61	19.6	20.1	27.5	29.7	26.1	25.6	24.8	30.8	19.4	97	89	60	49	61	65	70.2	------
23	57.70	58.32	59.15	57.40	58.46	59.20	58.37	25.1	23.5	28.1	28.2	26	25.5	26.1	30	21	71	78	61	72	78	83	73.8	------
24	58.65	58.80	59.91	57.66	58.53	59.90	58.91	25.6	25.5	27.6	28.2	26.6	23.6	26.2	29.8	22.8	84	84	76	70	77	69	76.7	------
25	59.36	59.95	61.64	59.42	59.18	60.51	60.01	22	19.8	29.1	29.5	26.2	23.1	25	30.7	19.5	75	85	54	58	75	88	72.5	------
26	59.80	59.55	60.83	58.30	58.68	60.18	59.56	21.1	20	29.5	30.5	26.6	24.3	25.3	32.4	19.9	95	93	61	60	75	86	78.3	------
27	59.27	59.01	59.65	57.04	58.05	58.95	58.66	22.5	22.3	29.5	29.5	27.5	24.6	26	31	22	92	88	64	61	80	92	79.5	------
28	58.06	58.27	58.97	56.67	57.74	58.55	58.04	23.7	23.1	30	30.5	27.5	25	26.6	33	22.6	89	85	61	59	76	90	75	------
29	57.55	57.24	58.55	56.17	56.68	57.91	57.35	23.8	22.5	30.5	32	27.5	25.3	26.9	34.4	22.2	79	82	50	51	69	72	67.2	------
30	57.68	57.97	59.30	57.45	57.48	58.47	58.06	24.3	23.3	25.8	26	25.6	24.5	24.9	27.7	23	78	76	69	76	78	75	74.5	.5
31	57.21	57.52	58.55	56.78	56.68	57.76	57.42	24.7	23	25.7	23.6	24	24.6	24.3	26.3	21.6	75	87	74	85	82	82	80.8	1.1
Mean	58.97	59.15	60.35	58.02	58.64	59.67	59.13	22.8	21.8	28.5	29.7	26.5	24.2	25.6	31.3	21.1	85.4	86.7	62.9	60.4	73.8	81.8	75.2	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	9.3

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	E	SSE	NNW	NNW	Calm	13.9	52	65.4	34.1	165.4	3	Ci.	S.-Cu.	9	Ci.-S. SSE	Cu.
2	Calm	NNE	Calm	Calm	Calm	SE	7.2	22.7	30.4	14.7	75	10	A.-S.	Fr.-N. N	10	A.-S.	S.-Cu.
3	SE	SSE	ESE	N	Calm	S	27.6	39.2	27.1	99.6	193.5	9	Ci.	S.-Cu.	9	Ci. SE	Fr.-N. ENE
4	SSE	SSE	SSE	SSE	SSE	SE	75.9	95.3	84.8	25.1	281.1	8	Ci.	S.-Cu.	7	A.-Cu.	Fr.-N. SSE
5	SSE	SE	SSE	SSE	Calm	SE	47.8	60	64.6	28.4	200.8	2	Ci.	S.-Cu.	7	A.-Cu.	S.-Cu. SE
6	S	SE	SSE	SSE	Calm	S	49.9	70.8	69.8	22.8	213.3	1	Ci.	Cu.	7	Ci.-S.	Cu.
7	Calm	SE	SSE	N	Calm	SE	24.7	54.7	52.3	11.9	143.6	0	Ci.	Cu.	7	A.-Cu.	Cu.-N. SE
8	SE	SE	SE	NNW	Calm	Calm	17.5	44.5	67.8	10.3	140.1	6	Ci.	S.-Cu.	2	Ci.	Cu.
9	SE	SE	SE	NNE	N	Calm	30.8	46.2	70.5	19	166.5	1	Ci.	Fr.-Cu.	1	Ci.	Cu.
10	Calm	SSE	SSE	NNW	N	NW	22.8	39.2	64.1	40.7	166.8	1	Ci.		2	Ci.	Cu.
11	W	W	SE	N	N	SW	12.6	30.5	72.7	48	213.8	1	Ci.	Cu.	7	Ci.-S.	Cu.
12	S	S	S	NNW	Nbyw	SSE	46.4	36.8	69.2	33.6	186	1	Ci.	Cu.	3	Ci.	Cu.
13	S	SSE	Calm	NNW	Calm	S	43.8	26.4	60.6	27.1	157.9	10	Ci.-S.	Cu.	8	Ci.-S.	Cu.
14	SE	Calm	SE	NNW	NNW	Calm	23.8	21.9	60.6	42.1	148.4	10	A.-S.	Cu.	9	Ci.-S.	Cu.
15	Calm	Calm	NWbyN	NNW	NNW	Calm	21.5	49.9	118.5	70.8	260.7	10	A.-S.	Cu.	10	Ci.-S.	Cu.
16	Calm	NNE	NNW	NWbyN	NNW	SSE	28	53.1	81	52.6	214.7	10	Ci.-S.	Cu.	9	Ci.-Cu.	S.-Cu. SE
17	SE	SE	SSE	SSE	ESE	SSE	72.2	77	78.3	67.6	295.1	7	Ci.	S.-Cu.	2	Ci.	Cu.
18	SE	SEbyS	ESE	SbyW	N	S	60.4	81.9	79.2	44.3	265.8	2	Ci.	Cu.	5	Ci.	Cu. E
19	Calm	Calm	SE	NNW	Nbyw	SSE	34.4	38.1	52.1	29.3	153.9	2	Ci.	Cu.	4	Ci.	S.-Cu. E
20	S	SSE	S	SSE	S	S	55.5	76.1	38.8	39.2	209.6	10	Ci.-S.	Cu.	6	Ci.	Cu. E
21	SbyE	sbyw	SE	NNW	N	NNW	62	26	50.9	40.8	179.7	10	Ci.-S.	Cu.	9	A.-Cu.	S.-Cu.
22	Calm	NE	Calm	NNW	NNW	NNW	8.8	21.5	80.3	88.8	199.4	10		S.-Cu.sbyE	4	Ci.	Cu.
23	Nbyw	NNW	NNW	NNW	NNW	NW	42	75.1	133.6	114.3	365	3	Ci.	S.-Cu. E	9	A.-Cu. E	Cu.
24	NNW	NNW	NW	NNW	NW	SSE	62.6	50.7	79.7	52.5	245.5	9	A.-Cu.	S.-Cu.	9	A.-Cu. SSE	Cu.
25	S	Calm	Calm	N	NNW	Calm	47.8	31.9	70.2	17.5	167.4	5	Ci.	Cu.	7	Ci.-S.	Cu.
26	Calm	WNW	S	N	N	NNW	5.8	40	73.8	17.7	137.3	2	Ci.	S.-Cu.	8	Ci.-S.	Cu. ENE
27	Calm	NE	ESE	N	Calm	SSW	5.9	32.8	49.1	13.7	101.5	10	Ci.-S.	S.-Cu.	9	A.-Cu. ESE	S.-Cu.
28	SE	SSE	SE	N	Calm	SW	30.6	43.5	54.4	33.6	162.1	10	Ci.-S.	Cu.	9	A.-Cu. E	Cu.-N.
29	S	S	SSE	NNW	NW	S	63.9	72.2	49.9	53.9	239.9	5	A.-Cu.	Cu.	7	A.-Cu.	Cu.
30	S	S	Calm	NW	NNW	NNW	77.9	36.5	75.8	73.8	264	10	A.-S.	Fr.-N.	10	A.-S.	Fr.-N.
31	NW	NW	NE	NW	N	NW	72.6	53.1	31.2	66.5	223.4	10	A.-S.	Fr.-N.	10	A.-S.	N.
Mean	------	------	------	------	------	------	38.6	50	66.3	43	198	6.1	----------	----------	6.9	----------	----------
Total	------	------	------	------	------	------	-----	-----	-----	-----	6,137.2	----	----------	----------	----	----------	----------

DAGUPAN.

[ϕ=16° 03′ N; λ=120° 20′ E; barometer above sea, 2.7 meters; gravity correction not applied, —1.67 mm.]

FEBRUARY, 1916.

Day.	Atmospheric pressure, 700 mm. +							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.98	56.94	58.43	56.30	55.62	57.57	56.97	23	21.1	27.3	28.5	25.8	24.5	25	29.1	20	85	92	68	67	84	87	80.5	------
2	56.55	56.92	58.53	56.52	56.62	57.22	57.06	24.3	23.1	26.5	25.6	24	22.2	24.3	27.3	21.9	80	85	78	82	90	96	84.3	0.6
3	56.63	56.83	58.18	56.17	56.67	57.30	56.96	21.8	22.5	27.5	25.5	25	24	24.4	30.1	21.5	98	95	77	88	92	95	90.8	21.3
4	56.81	56.82	58.36	56.29	55.77	57.12	56.86	23.5	23.5	24.7	27.5	25.6	24.9	25	28.2	23	96	95	94	80	81	83	88.2	3.6
5	56.71	57.40	59.10	56.80	57.18	58.25	57.57	22.7	20.9	27.5	29.3	25.6	24.3	25	30	20.5	90	95	78	63	78	78	80.3	------
6	58.12	58.77	59.79	56.92	56.75	57.61	57.99	22.1	19.9	27	29	26	24.8	24.8	29.5	19.4	87	95	72	67	78	76	79.2	------
7	57.12	56.94	58.35	56.07	56	56.82	56.88	24.5	20.6	27	28	25.1	24	24.9	29.2	20.2	78	94	70	68	78	75	77.2	------
8	56.34	56.95	58.76	56.48	56.76	58.51	57.30	21	18.5	26.3	28.6	25.5	24.5	24.1	29.2	18	92	95	68	52	67	71	74.2	------
9	58.46	59.48	60.90	58.43	58.60	59.99	59.32	22	18	26.9	28.5	25.5	25	24.3	28.8	17.6	82	90	62	57	68	76	72.5	------
10	60.10	60.33	61.66	59.45	59.18	60.84	60.26	22.2	20	28.3	29.5	26	25	25.2	29.7	19.5	84	94	64	62	77	87	78	------
11	60.31	60.67	62.01	59.68	59.64	60.78	60.52	22.2	20.9	28.9	29.5	26.5	26	25.7	30.7	20.4	89	92	61	59	79	81	76.8	------
12	60.11	60.55	61.38	59.87	59.38	61.45	60.29	24.3	22.6	30	32.2	27.5	25.3	27	33.2	22.4	85	90	62	54	73	74	73	------
13	60.65	60.84	61.83	59.57	59.61	61.95	60.74	23.4	22.6	29	28.3	25.6	24	25.5	30.7	22	85	86	63	69	78	86	77.8	3
14	61.70	61.42	62.36	59.84	59.25	60.39	60.83	22.1	23.1	27	27.6	25.5	23.5	24.8	29.3	21.9	95	90	72	72	77	87	82.2	------
15	59.85	59.81	61.30	59.02	59.04	60.35	59.90	21.5	20.4	28.6	29.6	26.5	25	25.3	30.7	20.1	95	95	61	60	71	83	77.5	------
16	59.90	60.15	61.39	58.72	58.56	60.11	59.80	23.5	23	29.8	30.7	26.5	25.7	26.5	31.2	22.6	86	91	66	57	76	82	76.3	------
17	59.06	59.70	60.95	57.71	57.78	59.25	59.08	24.6	22.9	30	32.2	27	26.2	27.2	34.2	22.5	87	93	65	61	81	82	78.2	------
18	58.63	58.54	59.57	56.68	57	57.86	58.06	23.8	22.5	30.2	31.5	26.6	25.8	26.7	33.2	22.2	94	95	66	65	90	85	82.5	------
19	57.16	57.18	58.63	56.17	56.85	57.57	57.26	24.5	23.4	30.5	30.5	27	24.5	26.7	32.2	23.1	92	92	63	63	78	82	78.3	1.8
20	56.60	56.87	57.87	55.71	56.19	58.20	56.91	24	24	31.3	33.5	28	26	27.8	34.2	23.6	85	86	68	55	70	78	72.8	------
21	57.70	57.07	58.66	56.24	56.15	57.45	57.21	24.5	24	29.5	31.8	27	25.5	27	34.1	23.5	83	83	64	49	81	88	74.7	------
22	57.20	57.37	58.29	55.60	56.02	57.66	57.02	24.6	24	30.5	33	27.5	24.6	27.4	34.7	23.1	90	82	58	51	70	90	73.5	21.3
23	57.16	57.22	58.42	55.50	56.30	58.25	57.14	24.3	22.6	31	34.6	28.6	25.5	27.8	35.2	22.2	82	90	59	47	66	85	71.5	------
24	57.23	57.54	58.67	56.20	56.55	58.14	57.39	23.7	22.5	30.5	33	28.1	27	27.5	34.4	22.1	93	95	58	49	76	83	75.7	------
25	57.65	58.29	59.62	56.97	56.49	58.01	57.84	24.4	22.5	30	31.1	27.5	27	27.1	32.6	22.1	91	91	67	61	77	83	78.3	------
26	57.76	58.45	59.80	56.36	56.25	57.83	57.74	25.1	23.5	28.6	33.5	28.6	26.3	27.6	35	23	88	83	72	52	66	85	74.3	------
27	56.95	57.69	59.15	56.02	56.38	58.61	57.47	24.2	22.5	31	34.4	28.2	24	27.4	35.2	22	80	90	59	46	72	83	71.7	17.3
28	57.42	58.43	59.57	56.76	57.03	58.90	58.02	23.3	23.5	30.5	34.7	28	27	27.8	35.1	22.5	84	79	55	40	73	80	68.5	------
29	58.45	59.09	60.49	57.99	57.95	59.14	58.85	25.5	24.7	28.6	29.5	26.9	26	26.9	30.2	21.5	84	87	70	67	77	79	77.3	-----
Mean	58.12	58.42	59.72	57.21	57.30	58.73	58.25	23.5	22.2	28.8	30.4	26.6	25.1	26.1	31.6	21.5	87.6	90.3	66.6	60.8	76.7	82.8	77.5	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	68.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Mid-night.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0-10*			*0-10*		
1	N	Calm	NW	NW	NW	Calm	36.8	47.3	84.2	16.6	184.9	8	Ci.	S.-Cu.	3	A.-Cu. SW	Cu.
2	S	SSE	S	NNW	NNW	Calm	58.2	32.4	58.2	12.6	161.4	10	----------	S.-Cu. SW	10	A.-S.	Fr.-N.
3	Calm	Calm	SSE	NW	N	N	5.3	26.8	63.1	20.7	115.9	10	----------	S.-Cu. SW	10	----------	N.
4	N	Calm	wbyN	NW	NNW	NW	15.3	29.2	57.4	34.8	136.7	10	Ci.-S.	Fr.-N. SW	8	Ci.	Fr.-N. SSW
5	Calm	Calm	NW	N	NNW	NW	10.7	27.4	78.3	66.2	182.6	2	Ci.	S.-Cu.	1	----------	Cu.
6	NW	Calm	Calm	NW	NNW	NW	11.8	22.7	69.8	91.1	195.4	0	Ci.	Fr.-Cu.	1	----------	Cu.
7	NW	Calm	Calm	NNW	N	N	27.4	32.4	88.8	76.9	225.5	1	Ci.	Cu.	2	Ci.	Cu.
8	W	SW	Calm	N	N	N	21.9	37.3	83.2	79.9	222.3	1	----------	S.-Cu.	1	----------	Cu.
9	Calm	NE	NE	NNW	NW	NNW	32.4	31.9	104.1	87.1	255.5	4	A.-Cu.	Cu.	1	----------	Cu.
10	N	Calm	Calm	NNW	NNW	SW	25.2	22.3	98.2	50.2	195.9	1	Ci.	S.-Cu.	1	----------	Cu.
11	Calm	S	S	NNW	NNW	NW	9.9	34.9	88.8	48.3	181.9	0	Ci.	----------	6	A.-Cu. E	Cu.
12	S	SSW	SE	SE	ENE	SE	40.4	91.2	93.6	40.8	266	10	A.-S.	Fr.-N.	9	Ci.-S.	Cu.
13	SE	SSE	Calm	NNW	NNW	SSW	8.2	35.9	114.3	76.4	234.8	10	A.-S.	Cu.	3	A.-Cu.	Cu.
14	SW	Calm	Nbyw	NNW	NNW	Calm	41.8	49.1	92.8	35.7	219.4	10	A.-S.	Fr.-Cu.	9	A.-Cu.	S.-Cu.
15	Calm	Calm	SE	NNW	N	Calm	3	21.2	83.5	42.6	150.3	0	----------	Fr.-Cu.	2	----------	Cu.
16	Calm	Calm	Calm	NW	NNW	NW	12.6	28.2	74.5	44.3	159.6	8	A.-Cu.	S.-Cu.	6	Ci.	Cu.
17	Calm	Calm	S	NW	NNW	NW	9.5	26.8	88.3	67.4	192	2	----------	S.-Cu.	9	Ci.-S.	Cu.
18	Calm	Calm	ESE	NNW	NNW	NW	5	27.6	91.1	50.5	174.2	6	Ci.	S.-Cu.	8	Ci.	Cu.
19	N	Calm	E	NNW	Calm	S	18.2	18.8	52.3	19.3	108.6	5	Ci.	S.-Cu.	9	Ci.-Cu.	cu.-N. ESE
20	ESE	SSE	ESE	SbyE	SSE	SE	33.3	40.8	82.4	52.6	209.1	9	Ci.-S.	S.-Cu.	9	A.-Cu.	S.-Cu.
21	SSE	SSE	SSE	NNW	NNW	SW	32.8	44.5	71.6	33.2	182.1	10	A.-S.	S.-Cu. NW	10	A.-Cu.	Cu.
22	Calm	SE	SE	SSE	NE	Calm	26.8	88.2	75.6	28.5	219.1	9	A.-Cu.	S.-Cu.	9	A.-S.	Cu.
23	SE	SE	SE	SSE	NNW	Calm	37.2	51.8	62.8	39.4	191.2	5	Ci.	Cu.	1	----------	Cu.
24	Calm	Calm	SSE	S	NNW	NW	6.1	47.7	41.3	59.3	154.4	5	Ci.	----------	8	Ci.-S.	Cu.
25	Calm	wbyN	SSE	NNW	NNW	NW	14.8	40.2	90.9	59.5	205.4	2	Ci.	S.-Cu.	7	Ci.	Cu.
26	SW	SE	SE	SE	W	W	35.9	42.6	52.9	53.4	184.8	9	Ci.-S.	S.-Cu.	6	Ci.	Cu.
27	S	Calm	SSE	SSW	SSW	S	26.4	53.4	69.8	45.3	194.9	4	----------	S.-Cu.	6	Ci.	Cu.
28	S	SSE	SE	SE	NNW	NWbyN	66.6	87.5	79.5	78.3	311.9	9	Ci.	S.-Cu.	1	Ci.	Cu.
29	N	NNW	NNW	NNW	NW	NNW	34.3	135.5	152.1	141.6	463.5	2	Ci.	Cu.	2	Ci.	Cu.
Mean	------	------	------	------	------	------	24.4	44	80.8	53.5	202.7	5.6	----------	----------	5.4	----------	----------
Total	------	------	------	------	------	------	-----	-----	-----	-----	5,879.3	----	----------	----------	----	----------	----------

DAGUPAN.

[ϕ=16° 03′ N; λ=120° 20′ E; barometer above sea, 2.7 meters; gravity correction not applied, —1.67 mm.]

MARCH, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	mm.
1	58.85	59.41	60.64	57.83	58.20	60.13	59.18	25.3	24.6	30	30.1	27	24	26.8	31.7	22.9	82	86	58	67	70	75	73	
2	59.15	59.21	60.43	57.38	57.80	59.80	58.96	22.1	21.1	29	32.6	27.6	23.2	25.9	33.3	21	81	81	53	42	56	69	63.7	
3	59.47	59.55	60.69	58.23	58.76	60.77	59.58	22	21.6	29.1	31.1	26.5	24.2	25.8	31.7	21.2	76	79	55	52	61	74	66.2	
4	60.46	60.76	62.09	59.47	58.93	60.38	60.35	22	21.6	28.5	29.9	26.6	26	25.8	30.7	21.1	82	89	68	62	74	72	74.5	
5	59.90	60.04	60.89	58.45	57.98	59.65	59.48	23	22.1	28	29.7	26.6	24.6	25.7	30.7	21.6	89	94	71	67	79	88	81.3	
6	58.54	58.83	59.85	56.98	56.98	58.41	58.26	23.1	22.5	31	31.1	27	25.2	26.6	33.4	22.3	85	80	53	53	80	88	73.2	
7	57.03	57.69	59.15	56.47	56.26	57.55	57.36	23.9	22.5	30	31.5	27.5	26.8	27	32.7	22	85	87	64	56	76	88	76	
8	57.45	57.95	59.78	57.43	56.95	59.04	58.10	23.6	22.3	29.5	30.1	27.1	26.1	26.4	31	22	93	93	70	68	76	84	80.7	
9	58.51	59.35	60.77	57.31	57.88	59.11	58.82	23.4	22	30	32.5	27.5	26	26.9	33.7	21.5	92	93	65	56	73	84	77.2	
10	58.30	58.72	60.13	57.12	57.45	58.60	58.39	23.6	22	30.6	32.5	27.8	26.5	27.2	33.2	21.4	78	87	55	52	73	81	71.8	
11	57.87	58.52	59.94	57	56.75	58.89	58.16	25.7	24	28.9	30.5	27.5	24.7	26.9	31.2	23.7	82	91	67	65	73	86	77.3	
12	58.18	59.09	60.67	57.74	57.44	59.70	58.79	24.4	23.5	31.5	31	28	25.5	27.3	32.7	23	78	79	53	64	80	88	73.7	
13	59.35	60.22	61.20	58.74	58.32	60.14	59.66	23.8	22	30	31	28.5	27.3	27.1	31.7	21.7	88	89	65	62	66	80	74.2	
14	59.48	59.32	59.79	57.39	57.48	59.58	58.84	24.4	23	32	32	28	27	27.7	34.4	22.4	87	87	56	57	78	84	74.8	
15	58.46	58.60	58.58	56.18	56.89	59.67	58.06	25.8	24.2	31.7	31	27.9	27.2	28	34.4	23.7	85	85	57	65	79	75	74.3	
16	58.55	58.71	60.22	57.34	57.32	59.94	58.68	24.8	23.7	30.5	30.5	28.6	26	27.4	34.2	23.4	81	85	61	62	73	81	73.8	
17	58.99	59.80	61.15	58.09	57.64	60.43	59.35	25	23.3	31.7	31	28	26.1	27.5	33.4	22.9	76	80	58	62	77	76	71.5	0.8
18	59.56	59.79	60.08	57.28	57.67	60.35	59.12	24.8	22.6	33	32	28.5	25	27.6	35.2	22.4	77	86	50	57	77	83	71.7	1.3
19	59.66	59.42	59.96	57.01	56.92	58.99	58.66	23.9	23.5	32	36	30.6	25.4	28.6	36.4	23	80	79	51	40	56	74	63.3	
20	58.05	59.04	60.09	57.54	57.27	58.72	58.45	24	22	31.5	31	28	27	27.2	32.2	21.9	80	90	59	68	78	83	76.3	
21	58.08	59.10	60.12	57.77	58.10	60.17	58.89	24.5	23	32.8	31.7	28.5	27.4	28	35.1	22.6	87	88	53	62	78	84	75.3	
22	59.43	60.18	61.33	58.87	58.58	60.62	59.84	26.4	23.6	31	30.8	27.6	27	27.7	32	23.5	87	96	64	69	79	83	79.7	
23	59.58	60.20	61.32	59.21	59.43	61.55	60.22	24	23.1	32.8	31	28	24.9	27.3	35.1	22.5	90	90	53	63	77	84	76.2	
24	60.70	61.20	62.50	60.26	60.62	62.25	61.26	24.8	24	32	30.5	28	24.5	27.3	33.6	23.5	74	74	54	66	70	73	68.5	
25	61.40	61.74	62.48	59.08	59.60	61.64	60.99	23.2	23.5	31.5	34.5	28	24.8	27.6	35.1	22.5	79	74	50	43	73	71	65	
26	60.64	61.30	62.18	59.18	59.09	60.70	60.52	23.5	23	31.7	35.6	28	26.1	28	35.8	22.8	73	74	51	44	73	76	65.2	
27	60.35	61.01	62.03	59.56	59.64	61.50	60.68	23.5	22.4	32	31	28.5	25.2	27.1	32.6	22	90	96	54	62	78	74	75.7	
28	60.08	60.95	61.75	59.08	58.83	59.97	60.11	24.7	22.6	31.4	30.5	27.5	27.2	27.3	32.2	22.4	74	85	53	66	77	78	72.2	
29	58.99	59.25	59.73	56.45	57.39	59.33	58.52	24.9	23.2	33	36	28.6	27	27.8	36.9	23	87	93	52	41	80	84	72.8	
30	58.54	58.85	59.52	56.56	56.76	58.50	58.12	24.8	23	32.6	36.6	29	26.1	28.7	37.2	22.5	82	82	52	37	69	72	65.7	
31	57.99	58.44	59.13	56.17	56.50	58.14	57.73	23.5	22.5	32.7	32.6	28.7	27.5	27.9	35.3	22.2	82	86	53	57	72	73	70.5	
Mean	59.08	59.56	60.58	57.84	57.92	59.81	59.13	24.1	22.8	31	31.9	27.9	25.9	27.3	33.5	22.4	82.5	85.7	57.4	57.6	73.7	79.5	72.8	2.1
Total																								

Day.	Wind.										Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	Km.	Km.	Km.	Km.	0–10			0–10		
1	NNW	N	SSE	NNW	NNW	S	76.7	46.4	88.7	58.9	270.7	5	Ci.	S.-Cu.	7	Ci.	Cu.
2	S	S	SSE	SSE	SSE	S	74.6	78.7	90.9	104.9	349.1	3	Ci.	Cu.	3	Ci.	Cu.
3	SSE	SSE	SSE	SSE	SE	S	95.5	113.2	149.4	87.2	445.3	3	Ci.	Cu.	5	A.-Cu.	Cu.
4	S	Calm	NNW	NNW	NNW	N	20.7	60	117.5	80.2	278.4	9	Ci.	S.-Cu.	4	Ci.	Cu.
5	Calm	Calm	N	NW	NW	S	6.4	35.7	93.3	35.4	170.8	9	Ci.-S.	S.-Cu.	9	A.-Cu. SSE	Cu.
6	S	S	SSE	NNW	NNW	E	68.2	54.7	93.9	42.8	259.6	9	A.-Cu. SSW	S.-Cu.	4	Ci.	Cu.
7	SE	SE	N	NNW	NW	NW	39.4	28.2	100	75.9	243.5	2	Ci.	----------	3	Ci.	Cu.
8	Calm	Calm	NWbyN	NNW	NW	NW	7.7	50.1	114.9	89	261.7	1	Ci.	Cu.	1	----------	Cu.
9	Calm	Calm	Calm	N	NNW	S	15.2	24.1	89	43.5	171.8	7	Ci.	Cu.	3	----------	Cu.
10	ESE	SE	SE	NNW	NNW	NW	40.2	55.5	89.3	103.8	288.8	6	Ci.	Cu.	2	Ci.	Cu.
11	NW	Calm	NNW	NNW	NNW	Calm	60.4	33.8	70.8	40.5	205.5	7	Ci.	S.-Cu. NW	1	----------	Cu.
12	SSE	S	SE	NNW	NNW	Calm	79.2	76.6	91.7	30	277.5	4	Ci.	----------	2	Ci.	Cu.
13	S	Calm	WbyN	NNW	NNW	SW	28.8	24.9	102.4	48.9	205	1	Ci.	S.-Cu.	1	Ci.	Cu.
14	S	SE	SSE	NW	NNW	Calm	30.9	48	101.4	53.9	234.2	9	Ci.	Cu.	1	----------	Cu.
15	Calm	SSE	SSE	N	NW	Calm	17.4	53.7	108.3	30	209.4	7	Ci.-S.	S.-Cu.	2	----------	Cu.
16	S	SSE	SSE	NNW	N	SSE	38.3	52.5	72.2	52.6	215.6	1	Ci.	S.-Cu.	7	A.-Cu.	Fr.-N. SSW
17	S	SSE	SSW	NNW	NNW	SSW	42.4	43.5	98.2	57.3	241.4	8	Ci.	Cu.	8	Ci.	Cu.
18	S	E	SSE	N	NW	SSE	68.7	65.4	92.7	72.4	299.2	1	Ci.	S.-Cu.	3	----------	Cu.
19	SSE	SSE	SE	SSE	S	S	70.8	997	84.87	84.3	288.9	8	Ci.	Cu.	5	A.-Cu.	Fr.-N. S
20	S	Calm	SE	NNW	NNW	NW	32	42	109.4	55.5	238.9	1	Ci.	Cu.	2	----------	Cu.
21	S	S	SE	N	NNW	NW	30.3	35.7	103.6	84.2	253.8	1	Ci.	Cu.	3	----------	Cu.
22	Calm	EbyN	W	NW	NNW	NW	32.2	50.7	130.4	72.1	285.4	6	Ci.	S.-Cu.	4	Ci.	Cu.
23	SW	SSE	SSE	NNW	NNW	SSW	26.6	78.3	117.8	67	289.7	5	Ci.	Cu.	5	Ci.	Cu.
24	SSW	SSE	SSE	NNW	NNE	S	96	65.5	84.7	47	293.2	5	A.-Cu.	S.-Cu.	9	A.-Cu. SbyE	Cu.-N.
25	S	SSE	S	SSE	NNW	S	86.1	79.4	64.7	71.6	301.8	10	A.-Cu.	S.-Cu.	7	Ci.	Cu.
26	SSE	S	SSE	SSE	NNW	Calm	92.3	100.1	96	24.6	313	8	A.-Cu. WSW	S.-Cu.	8	Ci.-Cu. WSW	Cu.
27	SE	Calm	S	NNW	N	S	24.6	45.4	87.2	38.8	196	4	Ci.	S.-Cu.	4	Ci.	S.-cf.
28	SSE	SE	SW	NNW	NNW	NNW	46.4	48.1	112.3	105.1	311.9	0	Ci.	S.-Cu.	2	Ci.	Cu.
29	Calm	E	SSE	SEbyS	NNW	Calm	31.2	87.7	95	45.9	259.8	8	Ci.	S.-Cu.	4	Ci.	S.-Cu. E
30	S	SSE	SSE	SSE	NNW	SW	38.6	94.1	77.9	34	244.6	1	Ci.	Cu.	1	----------	Cu.
31	Calm	SSE	SSE	NNW	NNW	NNW	21.2	43.5	103.8	77	245.5	4	Ci.	----------	3	Ci.	Cu.
Mean							46.4	58.5	97.8	60.1	262.9	4.9	----------	----------	4	----------	----------
Total											8,150						

DAGUPAN.

[$\phi = 16° 03'$ N; $\lambda = 120° 20'$ E; barometer above sea, 2.7 meters; gravity correction not applied, —1.67 mm.]

APRIL, 1916.

Day.	Atmospheric pressure, 700 mm. +							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.25	57.24	57.96	55.39	55.88	57.84	56.93	25.1	23	30.5	31	28	27.6	27.5	32.2	22.8	85	90	61	62	74	76	74.7	------
2	56.78	57.17	58.43	56.37	57.78	60.03	57.76	26	23.9	32.9	33.9	28	27.5	28.7	35.6	23.5	82	91	56	59	73	76	72.8	------
3	59.10	59.45	60.13	58.36	58.90	60.32	59.38	27.2	23.1	31.6	32.5	28.5	27.2	28.4	33.7	22.8	73	94	60	59	73	78	72.8	------
4	58.99	59.83	60.67	58.12	58.35	60.42	59.40	25.6	23.5	31.8	32.7	28	27.7	28.2	35.2	23	84	91	60	61	74	76	74.3	------
5	59.58	60.21	61.22	59.10	59.60	61.96	60.23	26.5	24.7	31	34.5	28	23.5	28	34.9	22.8	85	86	61	45	77	93	74.5	16.5
6	60.56	60.72	61.72	59.41	60.20	62.26	60.81	24	23.8	32	31.4	28.5	25.7	27.6	34.4	23.4	83	77	52	57	70	79	69.7	------
7	61.55	62.14	62.82	60.38	61.18	62.58	61.78	24.1	23.4	31	31.9	29	26.3	27.6	33.8	22.9	86	83	57	56	69	70	70.2	------
8	61.58	61.90	62.24	58.77	59.32	61.47	60.88	24.3	23.7	32.5	35.6	29	25.7	28.5	36.6	23.4	78	76	52	38	68	71	63.8	------
9	60.06	60.55	61.27	58.70	59.36	60.52	60.08	24.6	23	33	33.1	30	26.8	28.4	35.1	23	75	83	50	51	65	74	66.3	------
10	59.74	60.22	61.39	58.78	58.93	60.30	59.89	24.6	23.1	31.5	32.5	28.6	28	28	34.3	23	79	85	53	59	75	80	71.8	------
11	59.61	60.19	60.67	57.81	58.64	60.15	59.51	25.7	23.5	33.5	36.7	30	26.5	29.3	37	23	86	90	50	39	71	68	67.3	------
12	59.75	60.20	61.01	58.73	59.07	61.23	60	24.8	24.4	33.5	32	29.6	26	28.4	36.7	23.9	73	75	40	58	70	69	64.2	------
13	60.61	60.51	60.71	58.35	58.88	60.70	59.96	24.5	24.7	33.6	31.6	29	26.5	28.3	37.7	23.5	78	79	44	65	71	71	68	------
14	59.86	59.72	60.74	58.05	58.47	60.04	59.48	25	23	33.6	34.8	28.5	27.8	28.8	37.2	22.5	73	82	47	46	77	82	67.8	------
15	58.85	58.66	58.99	56.66	57.27	59.15	58.26	25.4	24	33.2	34.4	28.7	28	29	36.4	23.6	90	91	53	52	76	81	73.8	------
16	58.52	58.56	59.07	56.41	56.76	58.84	58.03	26.5	23.8	32.8	34.5	29.2	27	29	36.1	23.5	87	88	55	51	75	76	72	------
17	57.29	57.36	57.75	55.33	55.40	57.39	56.75	24.7	23	31.5	33.1	29	27.5	28.1	34.2	22.5	78	87	59	49	71	81	70.8	------
18	55.59	55.58	56.67	54.18	54.55	56.03	55.43	24.6	23.6	31.4	32.5	29	27.9	28.2	33.5	23.4	82	89	66	59	78	81	75.8	------
19	55.25	55.73	57.27	54.87	55.49	56.98	55.93	25	23.6	31.2	33	29.5	27.5	28.3	34.1	23.2	90	93	63	56	71	76	74.8	------
20	56.02	56.37	57.15	54.88	54.72	56.50	55.94	25.2	23	30	31.7	28.4	27.5	27.6	32.5	22.8	86	95	67	64	74	79	77.3	------
21	55.66	55.97	57.19	55.20	55.03	56.50	55.92	27	24.8	30.4	31.3	28	27.5	28.2	32.2	24.6	77	84	64	61	73	73	72	.3
22	55.90	56.56	57.17	55.06	54.97	56.38	56.01	27.1	25	30.9	32.6	29	27.6	28.7	33.2	24.5	76	91	65	59	73	79	73.8	------
23	55.85	55.76	56.23	54.11	54.20	55.98	55.36	26.2	24.5	33	33.6	29	28.2	29.1	35.1	24.3	85	91	58	57	74	80	74.2	------
24	55.35	55.83	56.35	53.97	55.16	57.50	55.69	27.2	25	32.5	34.3	29.5	24.5	28.8	36.2	23.6	83	88	60	60	74	89	75.7	4.1
25	56.12	57.07	57.99	55.13	56.25	57.75	56.72	23.6	23.1	31.5	32.7	28.6	25.5	27.5	33.7	22.5	91	94	66	60	66	82	76.5	------
26	57.37	58.15	58.98	57.27	57.69	59.09	58.09	25	25	31.2	29.7	29	26	27.6	33.7	24.1	83	91	64	70	74	82	77.3	------
27	57.72	58.15	58.74	56.78	56.67	58.80	57.81	24.6	23.5	32.4	32.5	29.8	27.3	28.4	34	23	87	94	58	61	73	70	73.8	------
28	57.76	58.37	58.92	56.72	56.70	58.58	57.84	25	23.7	33.5	32.1	29.3	27.6	28.5	35.2	23.3	83	89	55	60	79	84	75	------
29	57.26	57.90	58.74	56.23	56.68	59.25	57.68	24.5	23.5	32.6	32	29.6	24.6	27.8	37.7	23.2	85	90	56	66	70	92	76.5	2
30	57.76	58.25	59.39	56.71	58.23	59.55	58.32	23.8	23.5	31.5	34.9	27.5	24.5	27.6	35.7	23	95	94	65	52	75	92	78.8	1
Mean	58.11	58.48	59.25	56.86	57.34	59.14	58.20	25.2	23.8	32.1	33	28.9	26.7	28.3	34.9	23.3	82.6	87.7	57.2	56.4	72.8	78.7	72.5	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	23.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	Calm	NW	NNW	NNW	NNW	21.5	43	122	87.7	274.2	6	A.-Cu.	Cu.	3	Ci.	Cu.
2	Calm	Calm	SSE	NW	NNW	NW	30.3	46.2	111	66.8	254.3	3	Ci.	Cu.	2	----------	Cu.
3	NW	Calm	SE	NNW	NNW	NW	32.2	37.8	117.5	125.2	312.7	1	----------	S.-Cu.	3	Ci.	Cu.
4	Calm	Calm	SSE	NNW	NNW	NNW	16.3	43	113.2	76.6	249.1	6	Ci.	S.-Cu.	3	Ci.	Cu.
5	SW	SSE	SSE	SSE	NW	SE	32.2	88	79.9	58.9	259	9	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.
6	S	S	S	NNW	NNW	SSE	83.2	69	62.6	61	275.8	9	A.-Cu. SW	S.-Cu.	8	A.-Cu. WSW	Fr.-N.
7	S	S	SSE	NNW	N	SSE	62	24.7	60.4	44.8	191.9	9	A.-Cu. SE	S.-Cu.	9	A.-Cu.	Fr.-N. ESE
8	SSE	SbyE	SSE	SE	N	S	84.7	99.8	74	45.3	303.8	2	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.
9	SSE	SSE	SSE	NNW	N	S	59.2	47.2	82.4	40.7	229.5	0	Ci.	Cu.	3	Ci.	S.-cf.
10	S	SE	ESE	NNW	NNW	NW	33.8	47.8	92.7	73	247.3	0	----------	----------	1	----------	Cu.
11	S	SSE	SSE	NNE	NNW	SE	23.1	109.1	88	60.2	280.4	1	Ci.	Cu.	6	----------	S.-cf. ENE
12	SE	SE	SE	NNW	N	Calm	56	89.6	88.8	27.4	261.8	0	Ci.	Cu.	4	----------	Cu. SE
13	Calm	SbyE	ESE	NNW	NNW	SSE	24.4	80.2	99.5	46.2	250.3	9	A.-Cu. E	S.-Cu.	8	----------	Fr.-N. SE
14	SSE	SSE	SSE	NNW	NNW	NW	50.7	80.5	114.5	71	316.7	1	Ci.	----------	3	A.-Cu.	S.-cf. SE
15	Calm	S	SSE	NNW	NNW	NW	6.1	68.4	102.2	80.2	256.9	2	Ci.	----------	4	Ci.	Cu.
16	Calm	SSE	SSE	NNW	NW	W	20.4	61	101.6	32	215	9	Ci.-S.	Cu.	9	Ci.-S.	Cu.
17	SE	SE	SE	NNW	NNW	NW	22.7	44.3	93.3	52.3	212.6	10	Ci.-S.	----------	9	Ci.-S.	Cu.
18	S	Calm	NNW	NNW	NNW	NW	15.6	42.6	122.8	70.2	251.2	9	Ci.-S.	----------	4	Ci.	Cu.
19	W	W	SE	NNW	NNW	NW	26.8	45.1	113.3	80.27	265.4	1	A.-Cu.	S.-Cu.	2	----------	Cu.
20	NW	SE	NW	NW	NNW	NW	33.2	43.1	122.6	111	309.9	2	----------	S.-Cu. NNW	1	----------	Cu.
21	NW	NW	NW	NNW	NNW	NW	69.8	45.4	126.1	112.7	354	4	----------	S.-Cu. NNW	1	----------	Cu.
22	NW	NW	NW	NNW	NW	NW	45.1	44.6	114.1	104.4	308.2	5	Ci.	Cu. NNW	2	----------	Cu.
23	NW	W	SSE	NW	NNW	NW	29.8	43.8	125.2	99.6	298.4	0	----------	----------	1	----------	Cu.
24	NW	NW	SSE	NW	N	SW	35.2	38.9	114.5	77.9	266.5	9	Ci.-S.	S.-Cu. N	2	Ci.	Cu.
25	SE	SE	NNE	NNW	EbyN	S	39.6	45.1	95	38.4	218.1	7	----------	S.-Cu. NNE	2	----------	Cu.
26	SSE	Calm	N	WNW	NNW	SE	21.9	39.2	106.2	50.4	217.7	9	----------	S.-Cu.	9	A.-S.	Fr.-N.
27	S	EbyN	SE	NNW	NNW	SE	37.8	47.27	93.17	34.17	212.2	0	Ci.	----------	4	Ci.	Fr.-N.
28	SSE	SSE	SSE	NNW	NNW	SSW	26.4	53.37	127.6	54.7	262	0	----------	Cu.	5	Ci.-S. W	Fr.-N.
29	SE	SE	SSE	NW	NNW	S	31.9	66.6	120.4	58.5	277.4	0	Ci.-Cu.	Cu.	8	Ci.	Fr.-N.
30	SE	SE	SE	NW	S	S	23.1	50.4	73.8	53.7	201	0	Ci.-Cu.	Cu.	4	Ci.	Cu.-N.
Mean	------	------	------	------	------	------	36.5	56.2	101.9	66.5	261.1	4.1	----------	----------	4.6	----------	----------
Total	------	------	------	------	------	------	------	------	------	------	7,833.3	----	----------	----------	----	----------	----------

DAGUPAN.

[ϕ=16° 03′ N; λ=120° 20′ E; barometer above sea, 2.7 meters; gravity correction not applied, —1.67 mm.]

MAY, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.22	58.75	59.78	57.16	57.08	58.53	58.25	23.6	23.2	32.5	34	29.4	27.3	28.3	35.6	22.9	94	95	60	55	68	85	76.2	------
2	57.75	57.47	58.28	55.61	56.07	58.33	57.25	25	23.8	33.5	37.4	30.1	28	29.6	37.8	23.6	92	93	55	37	67	65	68.2	------
3	57.55	57.42	58.46	56.08	55.88	57.67	57.18	25	23.8	31.9	33	29.8	27	28.4	34.3	23.5	79	87	55	55	71	83	71.7	------
4	56.75	56.65	58.30	56.25	56.49	58.72	57.19	26	25.7	33.5	33.5	30.1	27.5	29.4	35.2	25.4	76	72	44	50	64	70	62.7	------
5	56.45	57	58.18	55.76	56.42	58.20	57	25	24.8	33.6	36.2	30.2	27.2	29.5	37.7	24.4	78	73	47	40	68	65	61.8	------
6	57.65	57.58	58.56	56.61	56.24	57.60	57.37	25.3	23.7	31.9	32.4	29.8	28.1	28.5	33.7	23.2	72	81	57	60	71	79	70	------
7	56.48	56.79	57.63	55.90	56.77	58.35	56.99	25.2	23.9	34.1	33.5	30	26.1	28.8	36.2	23.5	83	86	52	56	69	85	71.8	------
8	57.31	57.72	58.51	56.35	56.51	58.80	57.53	25.4	24.9	34	36.5	30.6	27.6	29.8	38.2	24.4	88	88	51	39	61	66	65.5	------
9	58.04	58.54	59.56	57.31	57.55	59.48	58.41	26.2	25.7	34.6	34.6	30.7	28	30	37.7	25.1	71	74	45	53	68	66	62.8	------
10	58.34	58.29	58.66	55.99	56.85	58.36	57.75	26	24.5	34.1	37.7	31	28	30.2	38.7	24	72	81	47	39	65	70	62.3	------
11	56.93	56.92	57.67	55.44	56.21	57.97	56.86	26.3	25.7	32.8	35.8	30.6	27.4	29.8	37.8	24.6	71	72	54	46	61	81	64.2	------
12	57.33	57.52	58.10	56.14	56.74	58.29	57.35	26.5	25.5	31.4	34.8	26	25.4	28.3	37	24.5	87	88	60	52	91	95	78.8	21.6
13	56.95	57.01	57.84	56.33	56.65	58.07	57.14	25.6	25	30	28.5	27	24.5	26.8	33.7	23.8	94	95	75	75	79	82	83.3	------
14	56.80	56.92	57.18	55.47	55.39	57.46	56.54	24	23.6	30.5	31	28.1	25.9	27.2	33.6	23.1	88	94	68	69	72	81	78.7	------
15	56.87	55.92	56.93	54.51	55.74	58.71	56.28	24	23.4	31.5	33.5	27.3	24.1	27.3	36.3	23	91	92	62	55	80	95	79.2	35.3
16	57.70	57.72	58.78	57.12	59.12	60.30	58.46	23.8	23.5	30.1	31	24.5	24.2	26.2	35.2	23	97	97	74	71	95	97	88.5	14
17	59.72	58.96	60.22	57.99	57.98	59.95	59.14	23.6	23.6	31.4	33.1	29.5	27.4	28.1	34.1	23	97	97	68	63	75	85	80.8	1.8
18	58.75	58.58	58.34	56.61	56.44	57.88	57.77	25.1	24.5	33	35.4	30.4	25.9	29.1	36.7	23	86	87	59	48	68	92	73.3	64.8
19	57.11	57.60	58.13	55.77	55.51	57.58	56.95	25	24.5	31.7	35.5	31	28.7	29.4	36.2	23.9	95	94	66	49	68	79	75.2	4.3
20	57.35	57.70	58.34	56.12	56.58	58.94	57.50	24.4	23.9	32	34	30	24.6	28.2	35	23.1	95	92	69	59	77	91	80.5	1.5
21	57.67	57.40	57.52	55.86	57.92	58.15	57.42	23.9	24	31.5	35	24	23.5	27	35.5	22.6	92	95	69	58	91	94	83.2	19.6
22	57.31	57.26	57.68	55.82	57.72	58.12	57.32	23.1	23	31.1	34.4	24.5	24.1	26.7	35.2	22.4	95	96	68	56	85	91	81.8	.5
23	57.22	57.57	58.23	55.93	55.82	57.70	57.08	23.5	23.2	31.5	35	32	25.2	28.4	36	22.5	91	93	65	54	66	92	76.8	16.5
24	56.92	57.51	58.10	56.26	56.08	57.37	57.04	24.6	24	32	36	30.6	27.5	29.1	36.7	23	93	94	60	49	70	84	75	------
25	57.15	57.67	58.42	56.22	56.43	58.43	57.39	26.3	25.3	33	33.9	30	26.2	29.1	35.4	24.9	85	88	57	55	71	93	74.8	2.3
26	57.11	57.37	57.55	55.70	55.57	56.74	56.67	25.6	25	32.6	34	31.1	28.4	29.4	35.4	24.5	93	94	63	58	71	73	75.3	------
27	56.18	56.11	56.64	54.06	54.45	56.20	55.61	26.6	25.4	33.6	34.5	33.4	28.3	30.3	35.7	25	80	87	55	57	53	68	66.7	------
28	55.33	55.57	56.08	54.21	55.05	56.88	55.52	26.5	25.5	33.5	36.5	31.5	27.1	30.1	37.1	24.6	78	84	56	50	66	83	69.5	------
29	55.93	55.55	55.78	54.14	54.99	58.63	55.84	26.2	25.4	32.8	36.2	29.5	24.6	29.1	37.3	22.5	90	92	60	51	75	95	77.2	59.4
30	57.02	57.63	57.80	56.32	56.18	57.79	57.12	23.5	24	29.5	31.1	29.1	28	27.5	32.3	22.5	95	96	78	65	76	74	80.7	------
31	56.90	57.17	57.82	56.32	56.51	58.20	57.15	27.6	25	30.5	32.9	30.5	25.5	28.7	34.1	24.5	75	92	72	63	72	88	77	------
Mean	57.22	57.35	58.03	55.98	56.42	58.17	57.20	25.1	24.4	32.2	34.2	29.4	26.5	28.7	35.9	23.7	86.2	88.7	60.4	54.4	72.1	82.2	74	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	241.6

Day.	Wind.										Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.	
												Amount.	Form and direction.		Amount.	Form and direction.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Mid-night.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	S	SSE	S	NW	NNW	E	21.9	57.6	103.3†	53.1	235.9	1	Ci.	Cu.	4	----------	Cu.-N.
2	Calm	SE	SE	S	NNW	SW	27.4	68.7	75.6	47.2	218.9	0	Ci.	Cu.	6	Ci.	Cu. ENE
3	SE	Calm	SE	NNW	NNW	N	20.4	34.3	85.5	52.6	192.8	10	Ci.-S.	----------	10	Ci.-S.	Cu.
4	S	SbyE	SSE	NNW	NNW	S	88.8	71.3	102	58.4	320.5	10	A.-S.	S.-Cu.	9	Ci.-S.	Cu.
5	S	SSE	SSE	NNW	NNW	SSW	52.9	85.8	86.6	61.2	286.5	0	Ci.	Cu.	1	----------	Cu.
6	S	S	N	NNW	NNW	SSW	34.1	48	106.7	62.2	251	1	Ci.	----------	2	A.-Cu. ENE	Cu.
7	S	SSE	SSE	NNW	W	SSW	38.6	63	105.7	40	247.3	2	Ci.	Cu.	9	Ci.-S.	Cu.
8	SSE	SbyE	SSE	SE	NW	SSE	43.7	84.2	99.3	70	297.2	6	Ci.	Cu.	2	Ci.	Cu. E
9	SE	SE	SE	NNW	N	S	59.5	97.9	100.6	53.1	311.1	0	Ci.	Cu.	1	Ci.	Cu.
10	SE	SSE	SSE	SSE	N	S	44.9	87.9	76.4	40.5	249.7	0	Ci.	----------	7	Ci.	Cu. EbyN
11	SSE	SSE	SSE	SEbyS	S	N	63.1	122.5	121.8	55.8	363.2	10	Ci.-S.	Cu.	5	Ci. WNW	Cu.
12	Calm	SE	SSE	WbyN	NW	Calm	23.5	91.4	86.7	38.3	239.9	10	A.-S.	Fr.-N.	9	Ci.-S.	Cu.-N.
13	Calm	SbyE	SE	W	NE	SW	21.1	56.9	64.1	38.3	180.4	10	A.-S.	S.-Cu.	10	A.-S.	N.
14	S	ESE	S	SSW	SE	SE	34.4	63.4	50.4	41.5	189.7	10	Ci.-S.	S.-Cu.	9	A.-S.	Fr.-N.
15	S	S	SE	NW	ESE	SE	45.6	51.8	66.8	55.3	219.5	8	Ci.-Cu.	S.-Cu.	10	Ci.-S.	Cu.-N.
16	SE	SE	SSE	NNW	S	SE	28.7	66.5	55.8	33.3	184.3	4	A.-Cu.	Cu.	10	A.-S.	Fr.-N. SE
17	SE	SE	SE	NNW	SSW	Calm	27.1	52.8	53.1	22.3	155.3	10	Ci.-S.	Cu.	9	Ci.	Fr.-N. SE
18	SE	SE	SSE	SSE	NNW	NNW	52.1	73.5	85.3	57.4	268.3	0	Ci.	Cu.	2	Ci.	Cu.
19	SSE	SE	SSE	SSE	NNW	NNW	27.9	66.8	72.2	84.7	251.6	1	Ci.	Cu.	2	Ci.	Cu.
20	SSE	S	SSE	NW	WNW	S	32	38	59.3	53.4	182.7	9	----------	S.-Cu. SE	8	Ci.-S.	Cu.
21	SE	Calm	SSE	S	NE	S	34.8	54.4	67.9	34.8	191.9	9	A.-Cu.	S.-Cu.	8	Ci.	Cu.-N.
22	SE	SSE	SE	NW	SSE	S	17.4	29.2	62.3	43.7	152.6	8	A.-Cu.	S.-Cu.	7	A.-Cu. N	Cu.
23	E	SE	SSE	SE	NE	WSW	34.6	51	60.9	43.3	189.8	2	Ci.-Cu. NE	S.-Cu.	2	Ci.	Cu. SE
24	Calm	Calm	SSE	SSW	NNW	N	10	61.4	68.7	63.3	203.4	1	Ci.	Cu.	4	Ci.	Cu.
25	SE	SE	SE	NbyW	N	E	23.3	42.3	70.6	38	174.2	1	A.-Cu.	Cu.	8	Ci.-S. EbyS	Cu.-N.
26	SSE	SE	SE	N	N	SE	19.9	84.1	64.2	48.3	166.5	0	Ci.	Cu.	6	Ci.	Cu.
27	SE	SE	SSE	NNW	SE	S	31.9	39.4	63.1	63.3	197.7	1	Ci.	Cu.	6	Ci.	Cu.
28	SSE	SE	SSE	SSE	NNW	WNW	42.6	83.7	82.4	53.1	261.8	9	Ci.	S.-Cu. E	8	Ci.	Cu.
29	Calm	Calm	SSE	SSE	NNW	S	12.4	72.4	108.6	56	249.4	10	Ci.-S.	Cu.	9	Ci.	Cu.
30	Calm	Calm	SSE	NNW	NNW	NW	6.1	23.5	68.1	63.1	160.8	10	A.-S.	S.-Cu.	9	Ci.-S.	Cu.
1	NNW	WbyN	Calm	NNW	N	S	23.3	21.7	87.7	35.9	168.6	9	Ci.-S.	S.-Cu. E	8	Ci.	Cu.
Mean	------	------	------	------	------	------	33.7	61.1	79.4	50.4	224.6	5.2	----------	----------	6.5	----------	----------
Total	------	------	------	------	------	------	------	------	------	------	6,962.5	----	----------	----------	----	----------	----------

DAGUPAN.

[ϕ=16° 03′ N; λ=120° 20′ E; barometer above sea, 2.7 meters; gravity correction not applied, —1.67 mm.]

JUNE, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.76	56.96	57.77	55.73	56.50	58	57.12	24.6	24.5	32.2	33.1	29	25.5	28.2	35.3	24	93	93	63	63	76	91	79.8	2.8
2	56.67	56.25	57.04	54.88	54.96	56.90	56.12	24.7	24.1	30.4	34.8	30.2	27.3	28.6	35.7	23.8	93	95	72	58	75	84	79.5	------
3	55.70	56.21	57	55.50	55.49	56.48	56.06	26	25.4	33	35	29.7	28.9	29.7	36.1	24.8	91	93	65	58	77	82	77.7	------
4	56.85	56.38	56.78	55.72	55.79	56.63	56.36	26.8	26	32.6	31	30	26.6	28.8	34.2	25.1	89	92	65	66	71	86	78.2	------
5	56.38	56.47	56.44	54.62	55.28	57.09	56.05	26	25.9	33.1	35.2	28.1	27.7	29.3	36.7	25	90	92	62	53	81	89	77.8	------
6	56.39	55.97	55.57	53.85	54.41	55.67	55.31	26.6	26.4	32.6	36.2	30.5	28	30	36.9	25.5	92	92	63	44	71	84	74.3	------
7	55.25	55.50	55.74	53.65	53.88	55.55	54.93	28.2	25.9	32.6	34	29.6	28	29.7	37.2	25.5	81	92	65	56	80	84	76.3	------
8	55	54.86	55.32	53.72	53.51	55.63	54.67	26.8	25.5	31	35.2	30.5	27.6	29.4	36.2	25	86	87	64	49	65	84	72.5	------
9	54.90	54.97	54.58	52.99	53	55.55	54.33	26.4	25.6	32	35.2	33	28.4	30.1	36	25.1	81	83	57	51	55	70	66.2	------
10	54.88	55.09	55.63	53.22	53.94	55.29	54.68	26.2	25.1	31.5	34.5	29.5	25.6	28.7	36.1	25	79	85	62	52	64	94	72.7	3.1
11	53.90	54.55	54.67	52.31	53.25	54.87	53.92	25.4	24.7	30.5	32	25.5	25	27.2	34.3	23.4	90	89	68	62	91	92	82	19.7
12	53.22	52.77	53.51	52.26	52.47	53.70	52.99	24.2	24	27.5	26.5	25	24.8	25.3	28.7	23.5	96	96	84	90	93	93	92	16.3
13	51.97	51.70	53.12	52.48	52.83	54.72	52.80	24.1	24.5	25.7	25.7	25	24	24.8	26.7	23.2	95	94	94	93	95	96	94.5	33.9
14	53.40	53.26	54.67	53.98	53.89	55.37	54.06	23.6	24	27	28.5	27.5	25.1	26	29.6	23	97	96	91	84	84	93	90.8	11.4
15	54.17	54.39	54.31	53.14	53.47	54.88	54.06	24.6	24.5	30	32.4	29.2	26.2	27.8	33.2	24	94	95	78	69	80	94	85	1.3
16	53.86	53.67	54.65	53.26	53.09	55.15	53.95	26	25.7	28	29.6	29	27	27.6	30.3	25.1	95	96	84	77	78	90	86.7	3.1
17	54.05	54.68	55	53.14	53.81	55.80	54.41	25.6	25	30.5	31.2	26	25.4	27.3	34.2	23.7	94	96	78	71	89	88	86	6.4
18	55.42	55.73	56.26	55.38	55.85	56.77	55.90	24	24	29	32.4	27	24.8	26.9	33	23.3	91	95	78	64	87	89	84	8.9
19	56.80	56.54	56.64	55.07	55.30	56.35	56.12	24	24	30.1	33.5	27	26.2	27.5	35.3	23.2	95	95	73	58	89	94	84	9.7
20	56.20	55.91	55.94	54.56	54.71	56.37	55.62	24.4	24.5	29.7	27.2	27	25	26.3	32.7	24	98	96	73	88	90	93	89.7	17.8
21	55.53	55.66	55.94	54.90	55.03	56.67	55.62	24.5	25	30.6	27.5	26	24.6	26.4	32.7	24	94	91	71	84	84	94	86.3	2.5
22	56.19	56.31	57.57	57.01	57.06	57.57	56.95	24.1	24	25	26	24.9	23.7	24.6	26.6	23.2	94	95	94	90	92	95	93.3	6.6
23	57.16	57.14	58.88	56.79	57.69	59.60	57.88	23.5	23.2	29.1	31.8	27.4	25.1	26.7	32.7	22.8	93	94	76	66	81	86	82.7	3
24	58.53	58.19	59.27	57.94	58.37	59.90	58.70	23.2	22.5	31	32.2	29	27.7	27.6	34.1	21.8	91	92	64	61	77	83	78	------
25	58.71	59.55	60.17	58.83	58.30	59.77	59.22	25.4	25	30.6	31.3	29	28	28.2	32.5	24.2	94	95	70	69	74	80	80.3	------
26	58.83	59.10	59.29	57.64	57.47	58.94	58.54	25.5	25.1	31	32	30	27	28.4	33.2	24.6	93	93	71	66	75	85	80.5	------
27	58.26	57.87	58.37	56.53	57.29	58.52	57.81	26.2	25.1	32	31	29	26.1	28.2	34.7	24.6	88	94	69	72	77	90	81.7	1
28	58.05	58.09	58.66	57.23	57	59.10	58.02	25.1	24.9	31.9	32.5	29.3	27	28.4	33.2	24.5	95	96	67	63	75	83	79.8	4.1
29	58.42	59.12	59.49	57.87	57.94	59.06	58.65	24.8	24.6	31.8	31	26.6	25.5	27.4	33.7	23.9	94	94	69	75	87	92	85.2	13.5
30	58.22	58.45	59.01	56.31	56.27	58.09	57.72	24.6	24.5	28.6	34.5	31.1	27	28.4	34.9	23.7	95	95	80	54	65	81	78.3	------
Mean	56.02	56.04	56.58	55.02	55.26	56.80	55.95	25.2	24.8	30.4	31.8	28.4	26.3	27.8	33.6	24.1	91.7	93	72.3	66.9	79.3	88	81.9	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	165.1

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Mid-night.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	SbyE	SSE	NNW	ESE	S	22.7	43	66.8	37.3	169.8	10	Ci.-S.	Cu.	9	Ci.	Fr.-N. SSW
2	SSE	Calm	SSE	SSE	NNW	NNW	26.2	53.3	83.9	81.1	244.5	9	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.
3	SE	SSE	S	NNW	NNW	NW	15	48	93.9	77.2	234.1	9	Ci.-S.	S.-Cu. SE	6	Ci.	Cu. ESE
4	WSW	Calm	S	NW	NNW	S	19.9	23.8	106.5	46.7	196.9	8	Ci.	S.-Cu.	9	A.-S.	Cu.-N.
5	SE	SE	SSE	SE	NW	N	35.6	84.5	85.9	82.4	238.4	4	Ci.	S.-Cu.	8	Ci.-S.	Cu.-N.
6	Calm	Calm	SSE	SSE	NNW	N	7.4	63.1	79.1	82.1	231.7	9	A.-Cu.	Cu. SE	8	Ci.	Cu.-N.
7	N	E	SSE	SE	NNW	NW	20.9	52.8	65.4	53.6	192.7	8	Ci.-S.	Cu.	9	Ci.-S.	Cu.
8	Calm	SE	SSE	SSE	S	N	27.7	80.3	80.5	31.7	220.2	10	A.-S.	Cu.	10	Ci.-S.	Cu.
9	S	SSE	SSE	SSE	SSE	Calm	57.1	108.4	107.3	37.6	310.4	10	A.-S.	Fr.-N.	8	Ci.-S.	Cu.
10	SE	SE	SE	SSE	SSE	NE	34.6	94.6	82.4	30.3	241.9	10	A.-S.	Fr.-N.	10	Ci.-S. SW	Cu.
11	SE	SE	SE	SE	Calm	S	47.5	92	82.1	22.3	243.9	10	A.-S.	S.-Cu.	10	Ci.-S.	Fr.-N. SSE
12	SE	SE	SE	E	SE	SE	50.9	67.4	33.2	52	203.5	10	Ci.	N. SE	10	----------	N. SW
13	SE	SE	SE	SE	SE	SE	74.6	76.1	75.3	62.3	288.3	10	A.-S.	Fr.-N. SSE	10	----------	N.
14	SE	SE	SE	S	S	SE	41.6	56.3	38	53.9	189.8	10	Ci.-S.	Fr.-N. SW	10	----------	N. SW
15	SE	SSE	SE	SSE	W	ESE	61.2	70	41.8	42.4	215.4	10	----------	Fr.-N. SSE	10	A.-Cu.	S.-Cu. SW
16	Calm	ESE	S	NNE	N	Calm	25.9	55	42.1	15.2	138.2	10	Ci.-S.	Fr.-N. WSW	10	Ci.-S.	Fr.-N. SSW
17	S	SE	SE	WNW	EbyS	Calm	31.9	66.6	55.3	47.7	201.5	10	A.-S.	Fr.-N. SW	10	A.-S.	Fr.-N. SW
18	S	SE	SSW	E	S	SE	37.6	62.3	42	29.8	171.7	10	----------	Fr.-N.	10	A.-S.	Fr.-N.
19	SE	SE	SE	S	W	NW	40	67.8	62.3	38.8	208.9	8	Ci.-S.	Cu.	10	A.-Cu.	Fr.-N. SE
20	S	SSE	SE	Calm	S	E	45.7	75.6	44.1	33.5	198.9	10	A.-Cu.	Fr.-N. SSE	10	----------	Fr.-N. WSW
21	SE	SE	SE	W	E	SE	65.5	88.5	55	52.6	261.6	9	Ci.	Fr.-N.	10	A.-S.	Fr.-N. SW
22	SE	SE	SE	SE	SE	SSE	62.6	54.5	50.4	44.9	212.4	10	----------	Fr.-N.	10	----------	N.
23	S	SSE	SSW	SE	WSW	E	51.8	67.8	50.7	50.5	220.8	10	A.-S.	S.-Cu. SW	10	A.-S.	Cu.
24	SW	SE	SSE	NNW	N	NNW	32.4	62	66.8	44.1	205.3	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.
25	Calm	Calm	NNW	NNW	NNW	NW	16.1	19.3	92.7	50.2	178.3	9	Ci.-S.	S.	9	Ci.-S.	Cu.
26	Calm	SE	Calm	NNW	NNW	SW	23.9	37.8	100.8	57.9	220.4	9	Ci.-S. SE	Cu.	9	Ci.-S.	Cu.-N.
27	SE	SE	SE	WNW	NNW	N	27.2	48	106	52.6	233.8	6	A.-Cu.	Cu.	8	Ci.-S. SW	Cu.-N.
28	Calm	E	E	NNW	NNW	SSE	15	32.5	96.6	59.5	203.6	2	Ci.	S. SSE	3	Ci.	Cu.
29	SE	Calm	SW	N	W	Calm	21.1	23.8	59.7	18.7	123.3	8	Ci. ESE	Cu.	10	Ci.-S.	Fr.-N. SSE
30	NE	E	SbyE	SSE	SSE	S	23.1	84.2	82.7	59	249	9	Ci.-S.	Fr.-N.	7	Ci.-S.	Cu.
Mean	-----	-----	-----	-----	-----	-----	35.4	62	71	46.6	215	8.9	----------	----------	9.1	----------	----------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	6,449.2	----	----------	----------	----	----------	----------

DAGUPAN.

[$\phi = 16° 03'$ N; $\lambda = 120° 20'$ E; barometer above sea, 2.7 meters; gravity correction not applied, —1.67 mm.]

JULY, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.27	57.13	57.63	56.23	56.53	58.25	57.17	24.9	24.5	31	32.9	28.3	26	27.9	34.7	23.9	88	87	66	59	80	89	78.2	
2	57.51	57.63	58.38	56.83	56.99	58.11	57.58	25.7	24	30.1	32.6	27.5	25.5	27.6	33.4	23.3	88	94	73	62	81	93	81.8	2.3
3	57.01	57.37	58.15	56.44	56.82	57.53	57.22	24.5	24	31.2	33.5	30.6	27.4	28.5	34.8	23.5	94	95	67	61	68	81	77.7	
4	57	56.66	56.78	56.23	56.49	57.62	56.80	25.7	25	30.6	29.5	28.7	25.5	27.5	32.7	24.3	86	87	68	72	73	86	78.7	
5	57.28	57.47	58.02	56.60	56.68	58.43	57.41	25.4	24.2	32.9	33	31	28	29.1	35.7	23.9	84	91	61	60	65	79	73.3	
6	58.15	58.54	59.48	57.78	58.14	59.28	58.56	25.8	25	32.1	31.1	29.6	27	28.4	33.7	24.6	88	92	66	70	72	84	78.7	
7	58.68	58.96	59.32	57.28	57.53	58.87	58.44	26	25.4	32.2	31	29	26.4	28.3	35.3	25	88	88	62	68	81	86	78.8	
8	58.34	58.12	58.27	56.38	56.77	58.13	57.67	25.7	25.1	32.5	33	29.5	28.5	29	35.3	24.6	89	92	63	60	71	78	75.5	
9	57.40	57.70	57.87	56.19	57.50	58.95	57.60	25.8	24.9	32.2	36.4	28	25	28.7	37.3	24.3	89	92	63	45	70	87	74.3	.8
10	57.74	58.20	59.09	57.28	58.60	59.60	58.42	24.5	24.1	33	33.1	25.6	24.2	27.4	35	23.5	89	91	55	58	86	91	78.3	1.5
11	58.40	57.99	58.79	57.05	58.10	59.16	58.25	23.8	23.8	32.5	33.5	26.9	25.7	27.7	36.2	23	93	92	63	62	86	93	81.5	18
12	58.37	58.40	58.47	57.41	57.42	58.92	58.16	25.3	24.4	32	34	29.5	26.2	28.6	35.7	23.8	91	92	63	59	73	85	77.2	
13	57.65	58.23	59.48	58.02	57.40	58.98	58.29	24.7	24.4	32	33.5	29.4	26.3	28.4	35	23.9	92	91	60	54	71	84	75.3	
14	58.63	57.92	58.68	57.15	56.78	59.41	58.10	25.6	25	32	33	30	25	28.4	35.3	24.3	86	90	61	59	65	90	75.2	15.2
15	58.33	57.52	58.43	57.04	57.95	58.48	57.97	24.3	23.9	29.5	32.5	27.5	25	27.1	33.2	23.1	91	88	75	61	76	92	80.5	
16	53.17	57.97	58.13	56.34	56.44	57.57	57.44	24.3	24.2	31.8	32.1	27.6	26.7	27.8	33.7	23.2	94	93	61	62	80	84	79	1
17	57.09	56.88	57.67	55.99	55.52	57	56.69	24.9	24.5	31.6	33.1	29.2	26.6	28.3	34.7	23.9	93	94	68	63	71	80	78.2	
18	56.52	56.32	57.22	56.32	56.44	58.09	56.82	26	25.8	32.2	32.6	27.9	25.8	28.4	35.2	25.4	82	82	63	62	80	89	76.3	
19	57.26	57.08	57.42	55.45	56.41	57.88	56.92	25.2	23.9	31.5	33	26.1	24.4	27.4	34.6	23.4	88	92	63	64	90	97	82.3	15.5
20	57.48	57.22	57.34	55.54	56.33	57.63	56.92	24.2	24.6	30.5	32	29	27.7	28	32.8	23.9	98	95	74	69	74	80	81.7	
21	57.15	56.91	57.41	55.33	55.78	57.26	56.64	25	24.5	31	32.2	27.9	25.6	27.7	35	24	93	95	72	66	78	91	82.5	7.6
22	55.93	55.69	56.04	53.91	54.42	55.96	55.32	24.5	24.2	31.8	35.5	27.4	25	28.1	36.2	23.8	96	95	66	51	88	92	81.3	
23	54.88	55.01	54.34	53.18	53.67	54.90	54.33	24.5	24	31.5	33.5	29.8	27.6	28.5	35.2	23.9	95	97	66	61	72	84	79.2	1.3
24	54.84	55.07	55.60	54.73	55	56.61	55.31	26.2	24.8	31.1	30.6	29	25	27.8	33.8	24.2	88	95	70	74	77	95	83.2	3
25	55.76	56.06	56.99	55.59	55.95	56.95	56.22	24.5	24.1	29.9	28	26.4	24	26.2	33.1	23.2	95	95	75	88	91	94	89.7	20.6
26	56.35	56.14	56.33	55.26	55.05	56.50	55.94	23.7	23.7	29.5	27.3	27	24.5	26	32.5	23	95	94	77	85	84	95	88.3	7.4
27	55.62	55.33	55.38	54.35	54.49	56.15	55.22	24.3	24	30.5	31.6	27.2	25.4	27.2	32.3	23.5	96	96	72	68	82	93	84.5	2.3
28	55.64	55.65	55.83	54.47	54.47	56.33	55.40	25.2	24.5	30	34.1	27.6	26.5	28	34.9	24.1	93	98	73	58	87	91	83.3	3.6
29	55.92	55.18	56.36	55.53	54.85	56.24	55.68	25.2	24	31	29.7	30.5	27	27.9	34	23.5	93	95	72	79	68	88	82.5	
30	56.12	56.05	56.27	54.64	54.75	56.63	55.74	25.8	25.5	31.5	33.4	28.5	27.3	28.7	34.8	25	93	95	72	58	81	86	80.8	
31	56.20	55.94	56.36	54.65	54.35	56.98	55.75	26.5	25.7	31.6	34.4	30.6	28.2	29.5	36.2	25.5	90	94	69	61	73	88	79.2	
Mean	57.06	56.98	57.47	55.97	56.25	57.69	56.90	25.1	24.5	31.4	32.4	28.5	26.1	28	34.6	24	90.9	92.5	67.1	63.8	77.2	87.9	79.9	
Total																								100.1

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0-10*			*0-10*		
1	S	SE	S	SSE	ENE	Calm	34.4	85.6	74.5	45.3	239.8	9	Ci.-S.	Cu.	8	Ci.-S.	Cu.
2	Calm	SE	SW	NbyW	SE	S	13.9	9.5	30.8	21.5	75.7	10	Ci.-S.	S.-Cu.	9	A.-Cu. E	S.-Cu.
3	SE	SE	Calm	SSE	S	S	26	40.4	65.4	13.4	145.2	4	Ci.	Cu.	6	Ci.-S.	Cu.
4	Calm	S	SSE	SSE	S	S	17.1	88.2	108.3	101.4	315	10	A.-S.	S.-Cu.	10	A.-S.	Fr.-N.
5	S	SE	SSE	SE	SE	SE	81.6	89.8	61.5	31.6	264.5	6	A.-Cu. SSE	S.-Cu.	9	A.-Cu.	cu.-N. SSE
6	S	S	SSE	NW	SE	SE	35.2	39.1	27.7	27.4	129.4	9	A.-Cu.	S.-Cu.	10	A.-S.	cu.-N. SSE
7	SE	SE	SE	N	N	SE	22.8	34.8	95	38.3	190.9	10	A.-Cu.	Fr.-N. SE	6	Ci.-S. E	Cu.-N.
8	Calm	SE	SSE	NNW	N	NNW	19.3	43.3	120.2	62.5	245.3	8	Ci.	Cu.	3	Ci.	Cu.
9	E	SE	SE	SSE	SSW	S	33.8	90.1	92.8	32.5	249.2	4	Ci.-S.	Cu.	7	Ci.	Cu.
10	SE	SSE	SE	NNW	NE	SSE	35.4	54.5	91.4	32.8	214.1	3	A.-Cu.	S.-Cu.	3	Ci.	Cu.-N.
11	SSE	SSE	SSE	NNE	N	Calm	47.8	84.2	73	11.3	216.3	2	Ci.	Cu.	7	Ci.	Cu.-N. SE
12	S	SE	S	S	NE	S	28.4	63.9	75.6	28.4	196.3	8	Ci.	Cu.	7	Ci.-S.	Cu.
13	NE	E	ENE	NNW	E	N	34.8	23.1	59.7	30.4	148	6	Ci.	Cu.	9	Ci.-S.	Cu.
14	Calm	SE	ESE	NNW	N	S	18.8	51	89	70.5	229.3	10	A.-Cu.	Cu.	7	Ci.	Cu.-N. SE
15	S	SE	SE	SE	NNE	Calm	50.7	75.9	72.2	16.3	215.1	10	Ci.-S.	Cu.	9	Ci.-S.	Cu.
16	Calm	Calm	SE	N	N	NE	8.3	24.6	64.4	34	131.3	9	Ci.-S.	Cu.	7	Ci.-S.	Cu.
17	SE	SE	SE	S	S	SSE	27.9	31.7	57.6	74.8	192	9	Ci.-S.	Cu.	10	Ci.-Cu.	S.-Cu.
18	S	SE	SSE	SSE	NE	S	98.4	85.8	70.5	16.3	271	8	Ci.	Cu.	10	Ci.-S.	Fr.-N. SE
19	SE	Calm	SSE	N	SSW	SSW	29.8	52.3	68.6	42.3	193	10	A.-Cu.	S.-Cu.	9	Ci.-S.	Cu.
20	SE	NNW	NNW	NNW	NNW	N	27.4	31.7	94.8	60.6	214.5	9	Ci.-S.	Fr.-N. NNE	4	Ci.-S.	Cu.
21	NE	E	SSW	NNW	NNW	Calm	23	37	115.7	34.9	210.6	9	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.
22	SE	SE	SSE	S	NE	SE	39.1	52.9	58.2	24.9	175.1	1	Ci.	Cu.	4	Ci.	Cu.
23	Calm	SE	SSE	NNW	W	Calm	17.2	72.2	58.4	17.2	165	7	Ci.	Cu.	7	Ci.	Cu.-N.
24	Calm	S	SSE	S	NW	Calm	31.9	40.7	60.7	25.7	159	10	Ci.-S.	Fr.-N.	10	Ci.-S.	Fr.-N. SE
25	Calm	E	S	Calm	SE	Calm	1.6	39.4	39.4	11.9	92.3	9	Ci.-S.	Fr.-N.	10	Ci.	N.
26	Calm	Calm	SE	Calm	N	Calm	8.8	32.7	39.9	13.7	95.1	9	Ci.-Cu.	S. SE	10	----------	N.
27	SSW	SE	SE	NNW	W	Calm	9.7	34.8	63.1	6.4	114	9	A.-Cu. SW	S.-Cu.	9	Ci.-Cu.	Fr.-N.
28	Calm	SSE	Calm	NW	NNW	Calm	11.8	22.2	53.4	32.5	119.9	9	Ci.	S.	3	Ci.	Cu.-N.
29	Calm	SE	SE	SW	Calm	Calm	15.8	40	56.5	14	126.3	2	Ci.	Cu.	10	----------	N.
30	SW	SSW	ESE	NNW	N	Calm	16.9	37	62.6	9.1	125.6	9	Ci.-S. E	S.-Cu.	7	Ci.	Cu.-N.
31	Calm	SE	SE	NNW	WNW	NNE	14.3	34.4	64.4	48	161.1	1	Ci.	Cu.	4	Ci.	Cu.
Mean	------	------	------	------	------	------	28.4	49.8	69.8	33.2	181.3	7.4	----------	----------	7.5	----------	----------
Total	------	------	------	------	------	------	------	------	------	------	5,619.9	----	----------	----------	----	----------	----------

DAGUPAN.

[$\phi = 16° 03'$ N; $\lambda = 120° 20'$ E; barometer above sea, 2.7 meters; gravity correction not applied, —1.67 mm.]

AUGUST, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.92	56.85	57.38	56.15	56.26	58.54	57.02	26.6	25.4	32.5	33	29.6	25	28.7	34.6	22.5	93	94	63	65	77	92	80.7	29.9
2	57.80	57.34	57.75	56.42	56.25	58.03	57.26	25.4	25	31	32.6	29.5	27.5	28.5	33.7	24.1	91	96	74	69	77	87	82.3	------
3	57.69	57.71	58.13	56.18	56.87	58.31	57.48	26.8	26	31	31.8	27.6	26.5	28.3	33	25.5	90	92	69	68	91	90	83.3	3.6
4	57.90	58.37	58.49	57.55	57.80	58.65	58.13	25.7	25.1	30.9	29	26.5	26.3	27.2	32.7	24.5	93	95	71	78	83	86	84.3	13.2
5	57.50	57.25	58	56.30	56.54	58.25	57.31	25	24.7	29.5	31	27	25.5	27.1	32.8	24.4	95	97	78	73	91	90	87.3	17.8
6	57.98	57.60	57.43	55.88	56.39	58.35	57.27	24.5	24.4	26.4	30.5	27.5	25.6	26.5	31.2	23.9	96	95	85	68	80	92	86	6.7
7	57.90	57.37	57.94	56.58	56.78	58.19	57.46	24.5	24.3	30.6	32.5	28.7	25.6	27.7	33.8	23.9	97	97	70	61	74	93	82	8.9
8	57.82	57.81	58.43	56.72	56.52	57.55	57.48	25.5	24.8	29.1	30.5	29.4	26.6	27.6	32.2	24.3	92	95	80	74	74	91	84.3	21.1
9	56.80	56.05	56.40	54.94	55.65	55.97	55.97	25.6	25	28.6	28.5	26.1	25.3	26.5	30.7	24.5	94	96	83	81	86	93	88.8	19.9
10	54.63	53.81	54.82	53.26	52.48	53.65	53.78	24.5	24.4	24.8	26	25	25	25	26.2	23.9	96	97	97	96	97	96	96.5	89.9
11	52.89	52.38	53.25	52.17	52.29	53.92	52.82	25	24.8	25.5	24.5	24.8	24	24.8	25.8	22.9	96	97	95	96	97	96	96.2	125.5
12	52.86	52.45	53.43	52.44	52.27	53.45	52.82	24.4	24.5	28	29.5	27.5	26.5	26.7	31.7	24	95	96	91	84	87	91	90.7	12.2
13	53.02	52.96	53.76	53.50	53.57	55.47	53.71	26.2	25.5	27.6	27.1	26.2	25.6	26.4	28.2	25	91	95	91	93	95	95	93.3	64.5
14	55.93	55.92	56.82	56.10	55.97	58.47	56.54	25.3	25	27.5	29.5	26.6	26.1	26.7	30.9	24.5	97	98	88	79	90	93	90.8	2.9
15	57.67	58.31	59.33	57.32	57.70	59.63	58.33	24.7	24	29.5	32	26.5	25.8	27.1	33.8	23.9	97	97	76	66	91	95	87	16.3
16	58.53	58.07	58.34	56.63	57.02	58.49	57.85	25	25.4	30	27.6	25.7	25.4	26.5	32.7	24	98	97	77	91	89	92	90.7	22.1
17	57.91	57.02	57.40	56.14	56.91	57.77	57.19	24.8	24.5	30.1	26.9	25	25.1	26.1	32.2	23.9	94	95	71	82	88	92	87	13.2
18	56.58	56.56	56.73	55.29	56.32	57.75	56.54	24.6	24.4	28.5	28.8	25.6	24.1	26	30.9	23.7	95	96	80	80	90	95	89.3	20.9
19	56.83	56.51	57.04	56.12	55.94	57.27	56.62	24	24	29.4	27	26.4	25.6	26.1	30.7	23.5	95	95	78	86	89	91	89	12
20	56.48	56.81	57.45	56.29	56.89	58	56.99	24.8	23.9	29.4	28.1	25.5	24.6	26	33.1	23.6	91	89	68	79	91	95	85.5	14.7
21	57.59	57.44	58.55	57.42	57.66	59.33	58	24.6	24	30	26	28.8	27	26.7	32.8	23.4	92	96	71	87	78	84	84.7	4.8
22	59.16	59.11	59.68	57.32	57.88	60.08	58.87	25.6	24.8	31	32.6	28.5	28	28.4	33.2	24.5	91	96	70	65	79	81	80.3	------
23	59.09	58.50	58.23	56.30	56.70	57.90	57.79	26.8	25.6	29.7	31.4	27.5	28	28.2	32	25.3	87	94	73	69	84	85	82	------
24	56.92	56.60	57.28	55.83	56.58	57.94	56.86	26.7	25.1	31.5	32	28.5	27.5	28.6	34.2	24.9	90	94	68	66	80	84	80.3	------
25	57.34	56.68	57.88	56.94	57.58	59.58	57.67	25.7	24.4	30	32.5	27.6	27.3	27.9	33.6	24	89	91	74	63	87	77	80.2	1
26	58.63	58.09	59.36	57.38	57.90	59.30	58.44	25.6	24.9	32	35.2	28.5	27.8	29	36.2	24.5	94	96	64	56	79	82	78.5	------
27	58.22	57.92	58.59	56.88	56.65	58.29	57.76	26	25	30	34.6	29.5	28	28.8	35	24.7	92	95	75	58	71	85	79.3	------
28	57.63	57.57	58.44	56.71	56.45	57.38	57.36	26.3	24.9	32	34	29.5	28.5	29.2	34.7	24.6	90	95	66	58	70	80	76.5	------
29	56.86	56.80	58.05	56.23	56.58	58.15	57.11	25.3	24.3	32.8	33.2	28.6	25.6	28.3	35.2	24	92	93	64	56	80	91	79.3	2.8
30	57.74	57	58.19	56.21	57.41	59.05	57.60	25.5	25	31.7	32	26	26.7	27.8	33.6	24.6	91	94	65	63	87	89	81.5	8.4
31	58.61	58.78	59.20	57.43	58.28	59.93	58.70	24.7	24	31.6	33.5	30	23.6	27.9	34.3	22	96	97	73	61	74	97	83	54.4
Mean	57.08	56.83	57.48	56.02	56.33	57.83	56.93	25.3	24.7	29.7	30.4	27.4	26.1	27.3	32.4	24.1	93.2	95.2	75.7	73.3	84.1	89.7	85.2	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	586.7

Day.	Wind.										Clouds.					
	Direction.						Total movement in 6 hours.					6 a. m.			2 p. m.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.	Total movement in 24 hours.	Amount.	Form and direction. Upper.	Lower.	Amount.	Form and direction. Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	SSE	S	NW	Calm	Calm	15.6	30.9	82.6	22	151.1	10	Ci.-S.	S.-Cu.	3	Ci.	Cu.
2	Calm	Calm	S	NNW	W	NE	.8	20.7	67	47.3	135.8	10	Ci.-S.	Cu.	10	Ci.-S.	Fr.-N. sw
3	S	Calm	N	N	NW	S	19	32.2	89.8	41	182	10	A.-S.	Fr.-N. wbyS	9	Ci.-S.	Cu.
4	SE	SSE	E	SSW	NNW	NNW	24.6	38.4	80	30.3	173.3	10	Ci.-S.	S.-Cu.	10	----------	N.
5	Calm	SE	SE	WSW	NW	W	26.8	42.8	46.4	56	172	10	A.-S.	Fr.-N.	7	Ci.	Fr.-N. W
6	Calm	Calm	SE	NNW	N	S	12.7	28.5	45.3	29.5	116	10	----------	N.	9	Ci.-S.	Cu.
7	SE	SE	SE	N	W	W	19.9	45.1	62	32.2	159.2	10	Ci.-S.	Fr.-N.	10	----------	N. SW
8	S	SbyE	SE	N	W	Calm	27.9	41	66	21.9	156.8	10	A.-Cu.	Fr.-N. WSW	7	Ci.-S.	S.-Cu.
9	Calm	Calm	SE	SSW	SSE	SE	13.5	28.2	78.4	44.5	164.6	10	A.-S.	Fr.-N. WSW	10	----------	Fr.-N. sw
10	SE	SSE	ESE	SE	SE	SE	48.6	49.4	38.6	54.5	191.1	10	----------	N. SW	10	A.-S.	N. SW
11	E	SE	E	ENE	NE	SSE	56.9	75.6	52.9	54.2	239.6	10	----------	N. SSW	10	----------	N. SW
12	SE	SE	SE	SW	SSW	SW	39.7	46.2	92.3	30.4	208.6	10	----------	N. SW	9	Ci.-S.	Fr.-N. sw
13	SW	SW	SE	E	Calm	SE	28.2	24.9	29.5	37.6	120.2	10	A.-S.	N. SW	10	----------	N. SW
14	SE	SSE	SSW	W	NE	NE	63.3	44.1	60	32.5	199.9	10	----------	N. SW	10	Ci.-S.	Cu.-N.
15	SE	SE	SE	SE	NE	E	57.6	64.4	60.6	28.4	211	10	Ci.-S.	Fr.-N. SW	8	Ci.	Fr.-N. sw
16	Calm	SE	E	SE	WSW	W	9.4	36.4	63.4	40.2	149.4	10	Ci.-S.	S.-Cu. SW	10	----------	N. SW
17	NW	S	SE	W	W	W	30.6	40.2	51.5	31.2	153.5	10	A.-S.	S.-Cu. SW	10	A.-S.	N. SW
18	S	SE	SE	WSW	SW	NE	32.5	68.4	43.3	42.3	186.5	10	Ci.-S.	Fr.-N. SW	10	A.-S.	Fr.-N.
19	SE	SE	SE	WNW	NE	SE	40.8	49.3	51	29	170.1	10	A.-S.	Fr.-N.	10	----------	N. SW
20	SE	NE	NE	N	W	S	51	28.2	56.6	27.4	163.2	10	Ci.-S.	S.-Cu.	10	Ci.-S.	N. SW
21	S	SSE	ESE	NW	ENE	N	47	59.3	48.6	29.3	184.2	10	Ci.-S.	Cu.	10	----------	N. SW
22	Calm	SE	SE	N	NNW	NNW	19.3	35.7	72.4	88.7	216.1	5	Ci.	Cu.	6	Ci.-S.	Cu.
23	W	E	N	N	W	WNW	40.5	36.5	81.9	67	225.9	9	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N.
24	Calm	E	SE	WNW	N	N	30.9	30.6	58.1	55	174.6	9	Ci.-S. EbyN	Cu.	10	A.-Cu.	Fr.-N.
25	Calm	SE	SE	E	NNW	N	25.9	72.4	46.2	49.7	194.2	10	Ci.-S.	S.-Cu.	9	A.-S.	Fr.-N.
26	E	EbyS	SE	SW	N	Calm	21.5	64.9	65	37.6	189	9	Ci.	S. EbyS	6	Ci.-S. SE	Cu.-N.
27	N	SE	SE	WSW	N	S	26	52.8	57.9	41.5	178.2	6	Ci.	S.-Cu.	5	Ci.	Cu.
28	Calm	Calm	S	N	NNW	N	15.9	30.8	67.6	69.7	184	8	Ci.-S.	Cu.	7	Ci.-S.	Cu.
29	E	E	SSE	S	NWbyN	S	29.5	52.9	60.4	42.3	185.1	6	Ci.	Cu.	9	Ci.-S.	S.-Cu.
30	SE	SE	SE	SE	N	N	38.1	42.4	80.2	33.8	194.5	9	A.-Cu. SE	S.-Cu.	8	Ci.	Fr.-N.
31	W	SSE	SE	NW	N	S	16.7	30.1	71.9	60.9	179.6	8	Ci.-S.	Cu.	4	Ci.	Cu.
Mean	------	------	------	------	------	------	30	43.3	62.2	42.2	177.7	9.3	----------	----------	8.5	----------	----------
Total	------	------	------	------	------	------	-----	-----	-----	-----	5,509.3	----	----------	----------	----	----------	----------

DAGUPAN.

[ϕ=16° 03′ N; λ=120° 20′ E; barometer above sea, 2.7 meters; gravity correction not applied, —1.67 mm.]

SEPTEMBER, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.89	59.06	60.02	57.71	57.79	59.10	58.76	23.3	23.5	29.5	31.2	28	25.1	26.8	32.7	22.5	97	95	74	68	84	94	85.3	2.5
2	58.12	57.56	57.64	55.83	56.14	56.33	56.94	24.3	24	30.1	32	28	26.6	27.5	33	23.6	96	96	79	60	80	91	83.7	13.2
3	54.96	55.02	54.97	53.60	53.12	55.37	54.51	26	25.5	30	27.5	26.5	23.6	26.5	31	22.5	95	95	74	87	91	97	89.8	105.1
4	53.79	52.91	53.64	52.12	52.91	54.79	53.36	22.5	22.2	26.1	25.6	24.1	23.8	24	27.7	21.8	97	97	91	92	97	97	95.2	115.1
5	54.51	54.39	56.04	54.96	55.44	57.22	55.43	23.7	23.5	24.5	25.1	25	24.1	24.3	25.7	23	96	97	96	95	95	96	95.8	29
6	56.62	56.12	57.35	55.02	55.84	58.02	56.50	23.4	23.5	29.2	32	28.6	26.6	27.2	32.9	23	97	93	76	63	79	83	81.8	------
7	56.82	57.02	58.20	56.18	57.17	59.12	57.42	25.5	25	31.2	33.4	29	26.5	28.4	34.7	24.2	89	91	69	62	81	88	80	------
8	57.86	57.37	58.54	56.62	57.38	58.45	57.70	25	24.5	31	31.2	28.6	25.5	27.6	32.7	24.1	93	95	72	66	79	95	83.3	2.5
9	57.11	57.18	57.66	55.22	56.12	58.16	56.91	24.7	24.5	30	34.1	27	25	27.6	34.7	24.1	95	96	76	64	88	95	85.7	2.8
10	56.85	57.23	57.92	55.47	56.54	57.75	56.96	24.9	24.4	31	34.1	26	25.2	27.6	34.8	24.1	93	96	72	62	85	93	83.5	.8
11	56.85	57.67	58.12	56.26	56.39	59.16	57.41	25.1	25	31	31	27.5	25.5	27.5	33.6	24.4	91	92	72	67	87	91	83.3	10.2
12	58.56	58.94	59.40	57.15	57.89	59.33	58.54	24.4	24.5	30.5	32.8	25.5	25.5	27.2	34.2	24	95	94	73	63	91	93	84.8	2.5
13	58.36	57.67	58.22	56.35	56.67	58.18	57.58	25	24.7	30.4	32.2	28.8	25.7	27.8	33.7	24.4	96	97	74	60	76	89	82	------
14	56.74	56.57	57.26	55.09	55.11	56.34	56.18	25.7	25.5	28.5	29	28	26.5	27.2	30.7	24.6	92	95	81	74	84	93	86.5	1.1
15	55.20	55.10	56.08	54.64	55.83	57.47	55.72	25.6	24.5	29.1	29.6	24.4	24.3	26.2	31.2	23.5	95	95	76	72	91	91	86.7	7.1
16	56.22	56.62	57.41	55.77	56.72	58.59	56.89	24	24	28.5	30.9	26.7	24	26.4	32.1	23.3	93	92	74	69	82	96	84.3	21.1
17	57.13	56.83	56.65	55.95	56.46	57.57	56.76	23.2	23.1	26.5	30.9	28	25.6	26.2	31.3	22.9	97	95	83	62	79	90	84.3	------
18	56.32	55.50	57.16	54.87	55.68	56.90	56.07	24.4	23.6	29.5	31.5	28.5	27.5	27.5	32.2	23.2	95	98	72	59	74	81	79.8	------
19	56.36	55.48	56.58	54.88	55.63	57.20	56.02	26.4	24.2	30.2	31.5	28	27	27.9	33.2	24	85	95	70	65	84	87	81	8.1
20	56.74	56.46	57.42	55.68	56.38	57.14	56.64	25	24.5	30	30.6	28.6	27.9	27.8	32.4	24.1	96	97	71	69	73	83	81.5	------
21	55.73	55.50	56.12	54.63	55.29	56.38	55.61	27.7	27	31	29	25.7	27	27.9	32.1	25.4	84	90	75	85	91	86	85.2	15.3
22	54.49	54.45	54.98	52.43	52.81	54.53	53.95	27.4	26	30.2	30.4	27.8	26.7	28.1	31.6	25	85	95	77	78	88	93	86	2.5
23	53.35	53.13	53.55	50.76	51.91	52.14	52.47	25.7	24.7	30	33.4	25	24.4	27.2	34.1	23.9	94	97	78	65	95	95	87.3	54.7
24	51.33	50.57	51.55	49.77	49.87	50.55	50.61	24.7	24.8	28.9	25.6	25.6	24.8	25.7	32.6	24	93	93	81	94	94	94	91.5	57
25	49.17	50.34	52.13	50.82	51.72	53.14	51.22	24.6	24.3	25.2	25.9	25.2	24.4	24.9	27.2	23.7	93	97	93	92	94	96	94.2	32.2
26	52.90	53.25	54.54	53.01	54.89	56.22	54.14	24	23.7	27.5	29.2	25.1	24.6	25.7	30.6	23.4	96	97	84	76	96	91	90	57.1
27	55.87	56.13	57.57	55.52	55.46	56.82	56.23	24	24	24.6	26	24.8	24	24.6	27.2	23.5	95	95	95	92	92	94	93.8	20.1
28	55.68	55.69	57.07	55.57	55.64	56.72	56.06	23.9	23.7	24	24.2	24.4	24.1	24	24.8	23.3	96	97	97	96	95	98	96.5	47.3
29	55.71	55.53	56.33	54.13	55.10	56.47	55.54	23.8	23.5	27.9	31.1	24.6	24	25.8	31.7	23	97	97	84	64	92	95	88.2	13.2
30	55.27	55.53	57.28	55.49	56.58	58.32	56.41	23.9	23.7	29.5	31.6	27.5	26	27	33.1	23.5	94	94	75	65	84	91	83.8	------
Mean	55.78	55.69	56.58	54.72	55.35	56.78	55.82	24.7	24.3	28.9	30.1	26.7	25.4	26.7	31.6	23.7	93.7	95.1	78.8	72.9	86.7	91.9	86.5	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	620.5

Day.	Wind.										Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	S	SE	NW	NE	S	9.5	32	46.1	40.2	127.8	3	Ci.	Cu.	9	Ci.-S.	Cu.-N.
2	S	ENE	SSW	NW	N	W	19.3	23.8	71.1	45.3	159.5	8	Ci.-S.	Cu.	6	A.-Cu. ENE	Cu.
3	NW	W	W	W	NWbyW	S	30.3	31.2	87.7	69.2	218.4	10	A.-Cu.	Fr.-N.WNW	10	A.-S.	N. NW
4	SE	E	S	SSW	SSW	SE	56.9	53.9	56	49.9	216.7	10	----------	N.	10	----------	N.
5	SE	SE	SE	SE	SE	SE	82.4	91.9	80.5	37.2	292	10	----------	N.	10	----------	N.
6	SE	SEbyS	SE	SE	SE	SE	72.2	111.3	94.4	65.5	343.4	10	Ci.-S.	Fr.-N.	6	Ci.	Cu.
7	SE	SE	SE	SSW	N	S	43.7	57.4	52.5	53.1	206.7	10	Ci.-S.	Cu.	9	Ci.-S.	Cu.
8	SE	SE	SSE	NNW	NNW	ESE	24.6	44.9	99.5	49.4	218.4	8	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu.
9	SE	SE	SE	S	NE	SE	37.5	40.2	67.3	51.7	196.7	9	Ci.	S. SE	6	Ci.	Cu.-N.
10	SSE	SE	SE	N	Calm	SE	53.3	39.9	46.4	30.6	170.2	8	Ci.-S.	Cu.	10	Ci.-S.	Fr.-N. SE
11	E	E	S	N	NNE	SSE	29	31.2	52.5	40.8	153.5	9	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N.
12	SE	SE	SSE	WSW	W	W	43	65	53.9	19.3	181.2	10	Ci.-S.	S.-Cu.	9	Ci.	Fr.-N. SE
13	Calm	W	SE	N	N	S	14.3	30.8	79.9	36.4	161.4	6	Ci.	S. ESE	3	Ci.	Cu.
14	S	SSE	SSE	NW	NW	NW	14.8	28.5	21.5	10.8	75.6	10	A.-S.	Fr.-N.	10	A.-S.	Fr.-N.
15	SSW	SE	SSE	SE	SE	SE	38	93.1	114.6	81.3	327	10	A.-S.	Fr.-N. ESE	10	A.-S.	Cu.-N.
16	SSE	SE	SE	SE	SE	SE	54.7	88.2	73.8	64.6	281.3	10	A.-S.	S.-Cu.	10	A.-S.	Fr.-N.
17	SSE	SE	SSW	NE	N	Calm	75.6	75.9	50.7	47.2	249.4	10	A.-S.	Fr.-N.	10	Ci.-S.	Cu.
18	S	SE	NNE	N	NNW	NNW	27.7	45.6	89.9	67.9	231.1	7	Ci.	S. SSE	4	Ci.	Cu.-N.
19	N	NW	Calm	NNW	N	N	24.7	21.9	70.2	34.4	151.2	3	Ci.	Cu.	9	Ci.-S.	Cu.-N.
20	SSE	SSE	N	NNW	NNW	NNW	23.1	44.6	113.5	69.2	250.4	10	----------	----------	8	Ci.	Cu.-N.
21	NW	NW	NW	WSW	WSW	N	71.6	75.8	89.9	60	297.3	9	Ci.-S.	Cu.-N.	8	Ci.	Fr.-N.NNW
22	W	W	NW	NW	NNW	NW	65.7	75.4	158.2	43.7	343	10	Ci.	N. NW	7	Ci.-S. E	Cu.-N.NW
23	NNW	SE	SE	SW	SE	SE	43.3	52.1	49.4	57.1	201.9	10	A.-S.	Fr.-N.	10	Ci.-S.	Fr.-N. S
24	ESE	SE	S	ENE	ESE	SE	51.8	49.4	47.2	93.3	241.7	10	----------	Fr.-N. SE	10	----------	N.
25	SE	SE	SE	Calm	SE	SE	85.9	70.8	56.3	80.5	293.5	10	----------	N.	10	----------	N.
26	SE	SE	SE	SE	SE	SE	87.7	98.5	90.6	79.1	355.9	10	A.-S.	N. SSW	10	A.-Cu.	Fr.-N. ESE
27	SE	SE	E	SE	ESE	SE	92	76.7	55	49.3	273	10	----------	N. SE	10	----------	N.
28	SE	SE	Calm	SE	Calm	SE	35.4	15.8	21.5	16.6	89.3	10	----------	N.	10	----------	N.
29	SE	Calm	SE	N	NNE	ESE	24.9	23.1	72.4	39.9	160.3	10	A.-S.	Fr.-N.	6	A.-Cu. ENE	Cu.-N.
30	SE	ESE	SE	SE	NW	SE	91.4	93.6	76.1	46.5	307.6	6	Ci.	S.-cf.	6	Ci.	Cu.-N.
Mean	------	------	------	------	------	------	47.5	56.1	71.3	51	225.8	8.9	----------	----------	8.4	----------	----------
Total	------	------	------	------	------	------	-----	-----	-----	-----	6,775.4	----	----------	----------	----	----------	----------

DAGUPAN.

[$\phi = 16° 03'$ N; $\lambda = 120° 20'$ E; barometer above sea, 2.7 meters; gravity correction not applied, —1.67 mm.]

OCTOBER, 1916.

Day.	Atmospheric pressure, 700 mm. +							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.62	57.60	57.97	56.48	57.62	59.27	57.76	25.2	24.6	31.5	34.2	28.5	27.7	28.6	34.7	24	93	97	69	58	80	86	80.5	------
2	58.21	58.10	58.99	56.72	57.49	58.18	57.95	27.4	25.9	31.1	31.5	28.6	26.5	28.5	32.2	25.5	87	93	68	71	80	91	81.7	1.8
3	57.25	57.78	58.65	56.20	57.69	58.70	57.71	25.2	24.6	29.2	31.7	28.1	24.4	27.2	32.3	24.1	95	97	80	66	84	97	86.5	4.1
4	57.68	58.02	59.33	56.92	57.40	58.56	57.98	24.3	24	27	28.5	26.8	25.5	26	29	23.5	96	95	84	78	86	92	88.5	1
5	57.78	57.97	59.15	56.95	57.41	58.52	57.96	24.5	24	25.8	28.1	23.9	24	25	28.9	22.8	92	95	91	79	94	92	90.5	47.1
6	57.33	57.20	57.87	55.66	56.26	57.82	57.02	23	23.4	28	26.4	26	24	25.1	33	22.6	97	94	80	83	87	93	89	8.1
7	56.26	56.88	58.04	56.10	56.43	58.43	57.02	23.6	23	29.2	30.5	28.6	26.9	27	32.7	22.7	96	97	73	68	80	83	82.8	------
8	57.49	57.71	58.50	56.48	56.94	58.11	57.54	25.3	24.7	29.1	31	27.5	26.3	27.3	33.2	24.5	90	94	77	65	87	91	84	------
9	57.29	57.63	58.61	56.93	56.91	58.57	57.66	25.6	24.8	26	27.9	25.5	25.2	25.8	29.1	24.3	92	96	91	81	93	92	90.8	38.9
10	57.38	58.22	59.14	57.18	58.15	59.33	58.23	24.7	23.5	26.7	28.1	25.6	24.5	25.5	28.7	22.5	91	96	82	76	87	91	87.2	3
11	58.43	58.57	59.56	57.08	57.21	58.26	58.18	23.8	23.5	27.6	31	28	26.9	26.8	31.7	23.1	95	97	77	62	71	82	80.7	------
12	57.78	57.98	58.43	56.70	57	58.50	57.73	24.7	23.8	30.5	31.2	28	27.5	27.6	32.4	23.5	95	97	71	64	81	84	82	------
13	57.82	58.04	58.97	56.73	57.52	58.55	57.94	26.1	25.5	31.6	32.1	28.4	27	28.4	34.3	25	91	94	72	68	77	84	81	------
14	57.87	57.90	58.62	56.39	56.74	57.87	57.56	24.8	24	31.7	32.5	27.1	25.6	27.6	34.4	23.9	92	96	65	61	85	83	80.3	1.3
15	57.33	56.40	57.70	55.45	56.23	58.07	56.86	24.8	24	31.5	31.5	28.5	24.6	27.5	33.1	23	87	87	64	65	78	95	79.3	41.9
16	56.23	56.22	56.84	54.78	55.77	56.75	56.10	24.1	24	30.5	27.5	26.5	25.6	26.4	32.7	23.3	97	96	72	84	90	94	88.8	2
17	55.85	56.01	56.94	55.14	55.77	57.61	56.22	25.4	25	27.5	27	25.5	24.1	25.8	28.1	23.7	94	96	90	88	92	95	92.5	10.6
18	56.72	57.22	58.15	55.84	56.47	57.09	56.92	24.1	24	28	29.9	24.1	24.2	25.7	30.7	23.4	95	96	80	75	97	96	89.8	58.2
19	56.07	56.22	56.58	55.18	56.58	56.81	56.24	24.3	25	30.7	33.5	27.4	25.5	27.7	34.4	23.6	93	87	70	62	88	90	81.7	4.6
20	56.12	56.28	57.63	55.20	56.53	58.30	56.68	24.9	24.8	32.4	33.7	28.5	26.1	28.4	34.3	24.2	91	86	60	60	73	81	75.2	------
21	57.65	58.08	58.93	57.50	58.41	58.65	58.20	25.4	24.7	31	31.5	26.1	25	27.3	34.3	24	82	84	65	66	85	88	78.3	.8
22	57.58	57.22	58.45	57.06	56.82	57.68	57.47	24.8	24.5	26	28.5	26.5	25.2	25.9	30.2	23.5	87	87	83	78	86	87	84.7	------
23	56.62	57.42	58.29	56.39	56.80	58.49	57.34	24.1	24	32	31.1	28	25.6	27.5	33.6	23.6	89	91	64	71	86	87	81.3	------
24	57.52	58.35	59.85	57.17	57.83	59.72	58.41	24.9	24.3	31.5	32.4	28.6	27.9	28.3	33.7	24	90	93	63	63	82	82	78.8	------
25	58.46	58.13	59.23	56.97	57.82	60.13	58.46	25.1	24.5	32	34	28.5	26.1	28.4	34.6	24.1	90	91	63	57	70	82	75.5	------
26	59.59	59.98	60.72	57.86	58.79	60.60	59.59	25	24.6	32	33.6	28	25	28	34.2	24.2	87	87	60	56	75	86	75.2	------
27	59.74	59.62	60.23	57.53	57.95	59.07	59.02	23.5	23	32	32.7	28.5	25.6	27.6	33.7	22.9	90	90	60	59	73	87	76.5	------
28	58	57.80	58.96	56.44	57.32	58.60	57.85	24.4	23.4	31.7	30.7	29.5	26.1	27.6	33.3	23	87	89	64	63	68	87	76.3	------
29	58.12	58.38	59.59	57.59	57.90	59.34	58.49	24.6	23	31.5	31.8	28.5	26.4	27.6	33.7	22.6	90	92	59	65	77	89	78.7	------
30	58.60	59.18	59.77	57.59	58.03	58.37	58.59	24.7	23.6	31.9	31.5	29	26.5	27.9	34.3	23.4	89	94	63	65	74	90	79.2	------
31	57.42	57.60	58.04	56	56.35	56.93	57.06	24.6	23.6	31.4	31	27.6	25.5	27.3	32.7	23.2	92	89	63	60	79	87	78.3	------
Mean	57.54	57.73	58.64	56.52	57.17	58.42	57.67	24.7	24.2	30	30.9	27.4	25.7	27.1	32.5	23.6	91.4	92.7	71.7	68.3	82.1	88.5	82.4	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	223.4

Day.	Wind.											Clouds.				
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	SE	SEbyS	SE	SE	NW	NW	47.7	71.1	77.2	72.6	268.6	7	----------	S. SEbyS	3	Ci.	Cu.
2	N	E	NNW	NNW	NNW	Calm	41.5	45.3	112.3	26.6	225.7	8	A.-Cu.	S.-Cu.	8	Ci.-S.	Cu.-N.
3	E	E	Calm	NNW	ENE	SE	38.1	31.4	57.1	48	174.6	10	----------	Fr.-N.	10	Ci.-S.	Cu.-N.
4	SE	SE	SE	SE	Calm	SE	52.9	55.7	47	27.7	183.3	10	----------	Fr.-N. SE	10	Ci.-S.	S.-Cu.
5	SE	SE	SSE	E	SE	SE	29.5	34	50.1	54.7	168.3	10	A.-S.	Fr.-N.	10	A.-S.	Fr.-N. SE
6	SE	S	SSE	SSW	SE	SSE	45.9	61.8	48.8	62.8	219.3	10	A.-S.	Fr.-N.	10	----------	N.
7	SE	SE	SE	SSE	N	N	57.6	61	60.9	38.3	217.8	8	Ci.	S.-Cu.	10	A.-S.	S.-Cu.
8	Calm	Calm	SE	NWbyN	N	N	12.9	32	45.7	17.4	108	10	A.-S.	Fr.-N.	10	A.-S.	S.-Cu.
9	Calm	E	E	W	W	Calm	24.4	33.3	54.9	21.2	133.8	10	A.-S.	Fr.-N.	10	A.-S.	Fr.-N.
10	SW	NNW	Calm	W	NW	N	33.6	20.7	46.4	32.8	133.5	10	----------	N.	10	A.-S.	Fr.-N.
11	Calm	Calm	N	NW	N	NW	17.5	33.2	50.2	34.8	135.7	10	A.-S.	Fr.-N.	9	Ci.-S.	Cu.
12	N	NW	ESE	N	NW	NNW	18.3	29.2	82.7	73.8	204	9	Ci.-S.	----------	7	Ci.-S.	Cu.
13	N	NNW	SE	NNW	NW	NNW	21.7	35.2	69	31.6	157.5	10	----------	Fr.-N.	4	Ci.	Cu.
14	SE	ENE	E	NNW	SE	SSE	19.8	41	44.1	53.4	158.3	7	Ci.	Cu.	7	Ci.	Cu.-N. SE
15	SE	ESE	SE	NNW	N	S	25.1	38.6	65.2	34.9	163.8	8	Ci.-S.	Cu.	2	Ci.	Cu.
16	S	SE	SSE	NNE	Calm	ENE	36.4	37.6	27.6	10.8	112.4	10	A.-S.	S.-Cu.	10	A.-S.	N.
17	ENE	ENE	E	E	SE	SE	22.8	40.2	31.7	79.1	173.8	10	A.-S.	Fr.-N. SE	10	A.-S.	N.
18	SE	S	SE	SSE	E	SE	47.2	69.5	66.5	72.9	256.1	10	Ci.-S.	S.-Cu.	10	A.-S.	Fr.-N.
19	SSE	ESE	SSE	SE	NW	S	95.5	113.7	63.9	35.9	309	9	Ci.-S.	S.-Cu. SSW	9	Ci.-S.	S.-Cu.
20	SSE	SE	SE	SE	SE	SE	64.4	97.7	102.5	72.7	337.3	9	Ci.-S.	Cu.	6	Ci.-Cu.	Cu.
21	SSE	SEbyS	SSE	NNW	Calm	SE	88.7	77.5	47.7	45.7	259.6	9	Ci.-S.	Cu.	8	A.-Cu.	Cu.
22	SSE	SSE	SE	SSE	Calm	SE	105.9	93.5	41.3	18	258.7	10	A.-S.	Fr.-N.	10	A.-S.	Fr.-N.
23	SSE	SE	SE	NNW	N	S	53.3	44.3	50.5	40	188.1	4	A.-Cu.	S.-Cu.	9	Ci.-Cu.	Cu.-N.
24	ESE	E	Calm	NNW	NNW	N	29.2	22	67.6	32	150.8	8	Ci. SSE	S.-Cu.	3	A.-Cu.	Cu.
25	SE	SSE	SE	SE	SSE	SSE	47.8	109.7	131.7	65.2	354.4	2	Ci.	S.-Cu.	2	A.-Cu.	Cu.
26	SSE	SE	SE	SE	SE	Calm	69.5	98.7	101.2	38.6	308	5	Ci.	S.-Cu.	2	Ci.-S.	Cu.
27	E	Calm	ESE	N	N	SW	25.2	33	60.2	19.3	137.7	7	Ci.-S.	Cu.	2	Ci.	Cu.
28	SE	SE	ENE	NWbyN	Calm	S	29.8	54.7	49.4	25.9	159.8	1	Ci.	Cu.	7	Ci.-S.	Cu.
29	SE	SE	SSE	NNW	NNW	W	26.4	24.7	70.8	27.4	149.3	0	Ci.	Cu.	1	Ci.	Cu.
30	S	SSE	SSE	NNW	NNW	SW	24.3	29.5	61.5	31.6	146.9	3	Ci.	S.-Cu.	8	A.-Cu.	Cu.
31	S	SW	ENE	NW	NNW	Calm	35.7	39.4	39.7	25.4	140.2	3	Ci.	S.-Cu.	7	A.-Cu.	S.-Cu. E
Mean	-----	-----	-----	-----	-----	-----	41.6	51.9	62.1	41	196.6	7.6	----------	----------	7.2	----------	----------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	6,094.3	----	----------	----------	----	----------	----------

DAGUPAN.

[ϕ=16° 03′ N; λ=120° 20′ E; barometer above sea, 2.7 meters; gravity correction not applied, —1.67 mm.]

NOVEMBER, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	55.82	56.08	56.49	54.59	55.18	56.64	55.80	24.1	23.5	31	30.2	28.6	26.5	27.3	33.1	23.1	91	90	70	68	76	83	79.7	------
2	55.56	56.20	57.27	54.72	55.89	57.51	56.19	24.6	24	32	32.4	28.5	25.3	27.8	34.8	23.6	88	91	61	60	80	77	76.2	------
3	57.25	57.27	58.22	56.26	57.14	58.54	57.45	23.7	23.7	31.6	32	28.5	26.8	27.7	34.5	23	85	85	59	60	75	83	74.5	------
4	57.92	57.94	58.48	55.66	55.54	57.57	57.18	24	23	31.7	34.5	29	26.6	28.1	35.3	22.6	88	91	64	49	74	87	75.5	------
5	57.12	57.28	58.15	55.28	55.17	56.46	56.58	24.7	23.5	29.9	32.6	28.6	27.5	27.8	33.8	23.1	91	93	69	59	81	78	78.5	------
6	55.88	56.72	57.52	55.15	55.34	56.48	56.18	24.6	23.5	31	32.2	28.1	27.6	27.8	33.1	23.2	92	95	69	57	79	78	78.3	------
7	55.99	56.55	57.58	55.33	55.24	56.68	56.23	24.6	23.3	30.6	30.8	28	27.2	27.4	31.6	23	91	96	70	61	73	74	77.5	------
8	55.88	56.10	57.77	55.69	56.28	57.75	56.58	26	23.1	29.1	32	28	27.2	27.6	33.2	22.9	80	94	73	60	78	80	77.5	------
9	57.06	57.61	58.97	56.80	56.78	58.52	57.62	24	23	31.6	31.1	28.2	26.7	27.4	33.8	23	94	97	65	59	75	87	79.5	2.3
10	57.95	58.28	59.57	56.87	57.18	58.37	58.04	25	24.5	31	32.5	28.1	27.4	28.1	33.7	24	93	94	66	58	77	79	77.8	------
11	57.92	57.82	59.07	57.23	57.38	59.15	58.10	25.3	23.6	30.6	33.2	27.6	24.4	27.4	33.7	23	81	79	55	49	73	80	69.5	------
12	58.76	58.87	60.17	57.70	57.98	59.64	58.85	22.8	21.3	30.8	32	27.6	23.5	26.3	33.2	21	86	92	56	60	73	82	74.8	------
13	59.60	59.79	60.54	58.44	58.52	60.09	59.50	22.8	21.1	31	31	27.5	23.6	26.2	32.7	21	82	89	55	61	74	79	73.3	------
14	59.17	59.47	59.97	57.45	57.75	59.44	58.88	22.2	20.6	29.6	30	26.7	23.9	25.5	31.7	20.1	81	87	51	58	75	86	73	------
15	57.96	57.64	57.74	55.59	55.78	56.65	56.89	22.8	21.9	29.2	31.2	28.2	27.1	26.7	31.6	21.5	90	92	68	64	75	76	77.5	------
16	55.58	55.65	56.59	53.68	54.26	55.45	55.20	24.8	23.5	29	31.1	27.6	26.7	27.1	31.8	23.2	90	95	75	60	84	86	81.7	------
17	55.12	55.58	56.69	54.28	55.25	56.95	55.64	24.9	24.3	29.4	30.5	27.7	27.3	27.4	31.6	23.8	94	97	76	71	82	83	83.8	11.7
18	56.99	57.56	58.39	55.94	56.05	58.01	57.16	25.1	24.3	29	30.6	27.8	26	27.1	31.8	23.9	94	93	78	72	84	91	85.3	.5
19	57.07	57.65	58.68	56.27	57.33	58.55	57.59	24.3	23.6	31.8	31.1	28	25.3	27.4	32.8	23.4	95	94	62	69	82	93	82.5	------
20	57.61	56.70	58.33	55.90	57.01	58.64	57.36	24.6	23.9	31.3	32	24.8	24.4	26.8	33.3	23.5	94	93	68	60	83	91	81.5	------
21	57.72	57.57	58.62	56.78	58.05	59.05	57.96	24.3	23.8	30	29	27	24	26.4	33.9	23.5	93	97	74	72	85	94	85.8	6.1
22	58.02	57.97	59.20	57.08	57.74	59.41	58.24	23.8	23	29.9	30	27.3	24.7	26.4	32.1	22.9	91	96	71	67	85	95	84.2	4.3
23	57.71	57.56	58.38	56.86	57.22	58.33	57.68	24	23.5	27.2	29.5	26.5	24.2	25.8	30.1	23	97	96	85	74	80	90	87	------
24	57.41	58.02	58.98	56.52	56.64	57.91	57.58	24.2	23.5	30	31	28.5	25.5	27.1	34.2	23	87	92	71	65	80	91	81	------
25	57.52	57.46	57.98	55.49	55.74	56.65	56.81	24.2	23.1	30.8	30.7	27.5	25.6	27	32.6	23	95	97	67	63	76	85	80.5	------
26	55.52	55.76	56.45	54	54.53	55.72	55.33	24.1	23	30.5	31.8	28	24.9	27	32.9	22.6	91	95	62	60	80	88	79.3	------
27	55.30	55.92	56.61	54.49	54.64	55.57	55.42	23.5	22.2	29.8	30.5	26	25.3	26.2	31.2	22	91	95	69	67	80	86	81.3	------
28	55.36	55.62	56.51	54.72	55.13	56.05	55.56	24.2	23.9	29.3	31	28	26.9	27.2	32	23.4	90	91	69	65	79	83	79.5	------
29	55.86	56.15	57.69	55.20	56.20	58.18	56.55	25.7	23.8	28	29	26.5	24.1	26.2	30.4	22.6	88	97	68	67	74	82	79.3	------
30	57.68	57.92	59.23	56.90	57.81	58.83	58.06	21.6	20.5	27.2	29.1	25	22.2	24.3	30.1	19.8	86	87	58	58	76	77	73.7	------
Mean	57.01	57.22	58.19	55.90	56.36	57.76	57.07	24.1	23.1	30.1	31.2	27.6	25.6	27	32.7	22.7	89.6	92.7	66.8	62.4	78.3	84.1	79	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	24.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Mid-night.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	SE	SE	SE	NNW	NNW	S	38.3	41.8	71.6	30.8	182.5	1	Ci.	S.-Cu.	6	A.-Cu.	S.-Cu. ESE
2	S	E	SE	NNW	Calm	E	45.7	55	56.1	35.9	192.7	1	----------	S.-Cu.	2	Ci.	Cu.
3	SE	SSE	SE	NW	NNW	Calm	58.1	97.7	76.9	50.9	283.6	1	Ci.	Cu.	2	Ci.-Cu.	Cu.
4	E	E	E	SSE	NNW	SW	42	40.8	51.7	38	172.5	4	Ci.-S.	Cu.	1	----------	Cu.
5	S	Calm	S	NW	N	NW	20.6	28.4	69.5	53.4	171.9	5	Ci.	S.-Cu.	2	Ci.	Cu.
6	NW	NNW	NNW	NNW	NW	NW	36	38.3	73.8	45.6	193.7	10	Ci.-S.	Cu.	6	Ci.-S.	Cu.
7	NW	E	NW	NW	NNW	NNW	19.6	37	114	109.7	280.3	9	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.
8	N	E	ESE	NW	NW	NW	45.9	38	68.7	42.1	194.7	8	Ci.	Cu.	9	Ci.	Cu.
9	SE	SE	SE	NNW	NW	SE	33.8	48.3	76.2	48.9	207.2	8	Ci.-S.	Cu.	9	A.-Cu.	Cu.
10	SSE	SE	SE	NW	N	N	45.9	39.4	58.9	42.3	186.5	9	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu.
11	SE	S	SSE	SSE	N	SE	57.6	74.3	50.4	49.1	231.4	10	Ci.-S.	S.-Cu. NW	6	Ci.-S.	Cu.
12	S	SE	SE	NW	NE	S	39.4	43.1	56	48.3	186.8	5	Ci.	Cu.	3	Ci.	Cu.
13	S	SSE	ESE	NNW	Calm	S	38.8	42	62.2	62	205	1	Ci.	Cu.	2	----------	Cu.
14	SSE	S	E	NNW	Calm	S	45.3	43.5	55.5	18	162.3	0	----------	----------	2	----------	Cu.
15	SE	Calm	NNW	WNW	N	N	16.1	39.1	75.4	55.5	186.1	2	Ci.	S.-Cu.	8	A.-Cu. E	S.-Cu.
16	Calm	Calm	NW	N	NNW	NNW	10.5	40	115.9	67.1	233.5	10	Ci.-S.	S.-Cu.	8	A.-Cu. E	S.-Cu.
17	SE	SE	SE	NNW	NNW	NNW	31.4	35.9	88.2	55.7	211.2	10	----------	S.	2	Ci.	Cu.
18	WSW	EbyN	SE	NNW	NW	SSE	19.8	29	99.5	38.8	187.1	9	A.-Cu.	S.-Cu.	7	A.-Cu.	S.-Cu.
19	SE	SE	SE	NNW	NNW	SW	48.3	38	82.9	25.1	194.3	5	Ci.	S.-Cu.	6	Ci.-S.	Cu.
20	S	SE	SE	NW	SSW	SE	27.9	44.8	64.4	35.9	173	8	Ci.-S.	Cu.	5	Ci.-S.	Cu.
21	E	E	SE	E	NNE	SSE	21.9	40	58.7	33.2	153.8	10	Ci.-S.	S.-Cu.	10	A.-S.	N. SE
22	SE	SE	SE	NW	NNE	Calm	53.1	40.7	67.1	34.9	196.8	9	Ci.-S.	Cu.	9	Ci.-S.	Cu.
23	Calm	E	SSE	SSE	SSE	SSE	15.8	65.5	62.2	39.6	183.1	10	A.-S.	Fr.-N.	10	Ci.-S.	S.-Cu.
24	SSE	SSE	SE	NNW	N	S	41.8	40.7	69.4	30.3	182.2	9	Ci.-S.	S.-Cu.	9	A.-Cu.	Fr.-N. SE
25	SE	E	SE	NE	NE	SE	29.3	44	53.6	28.4	155.3	5	Ci.	S.-Cu.	6	A.-Cu. SW	Cu.
26	Calm	SSE	SE	NW	NW	S	16.4	32.7	51	37.8	137.9	1	Ci.	S.-Cu.	3	A.-Cu.	Cu.
27	SE	Calm	NW	NW	NE	E	16.1	30.4	79.7	18.7	144.9	6	A.-Cu.	Cu.	3	Ci.-Cu.	Cu.
28	E	NE	NW	NW	NNW	NW	26.6	48.1	92.3	44.9	211.9	10	Ci.-S.	S.-Cu.	7	A.-Cu.	Fr.-Cu. W, NW
29	N	Calm	NW	NW	NNW	SE	26.9	37.5	115.3	69.7	249.4	9	----------	S.-Cu.	7	Ci.	Cu.
30	S	SE	SE	NW	NW	SE	46.4	46.1	42.1	65.8	200.4	10	A S.	Cu.	9	Ci.-S.	Cu.
Mean	-----	-----	-----	-----	-----	-----	33.8	44	72	45.2	195	6.5	----------	----------	5.8	----------	----------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	5,851	----	----------	----------	----	----------	----------

DAGUPAN.

[$\phi = 16° 03'$ N; $\lambda = 120° 20'$ E; barometer above sea, 2.7 meters; gravity correction not applied, —1.67 mm.]

DECEMBER, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.44	58.41	59.45	56.71	57.15	57.73	57.98	19.1	17.5	27	28	25.6	23.8	23.5	29	17.1	89	90	57	60	70	79	74.2	------
2	56.43	57.12	58.36	56.12	56.60	57.22	56.98	20.8	19.6	27.5	28.1	25.6	23.5	24.2	29.8	19.4	91	93	70	64	75	90	80.5	------
3	56.22	57.11	58.42	57.35	57.89	59.22	57.70	22.2	22.6	24.7	26.2	25	24.1	24.1	26.6	22	94	90	84	86	91	92	89.5	0.5
4	58.74	58.32	59.06	56.64	57.35	58.21	58.05	22.9	22	30	30.5	27.5	25.5	26.4	31.2	21.6	94	95	69	65	77	91	81.8	------
5	57.54	57.27	58	55.26	56.18	57.27	56.92	23.2	22.5	30.8	34	28	25.2	27.3	35.3	22	96	95	65	50	80	80	77.7	------
6	56.95	57.03	58.09	56	55.94	57.52	56.92	23.4	22	30.4	31.4	27.5	25.1	26.6	32.3	21.6	88	90	62	62	77	83	77	------
7	56.82	56.88	58.31	56.20	56.45	57.91	57.10	23.1	22.6	31	31	27.5	25	26.7	32.2	22.4	91	89	62	62	73	88	77.5	------
8	56.93	57.12	57.73	55.40	55.69	57.24	56.68	23.2	22.5	30	31.4	28.1	28	27.2	32.7	22.4	94	96	71	66	77	88	82	------
9	56.12	56.81	58.24	55.81	56.49	57.77	56.87	25.2	24	31.4	33.6	26.6	25	27.6	34.8	23.5	93	91	63	56	83	88	79	------
10	57.37	57.52	58.83	56.23	57.29	58.12	57.56	23.8	22.5	30.2	31.1	26.2	24.7	26.4	32.2	22.1	90	92	66	64	85	94	81.8	------
11	57.43	57.52	58.35	56.27	56.89	58.42	57.48	23.4	23	30.4	31	27.8	24.7	26.7	32.7	22.5	94	91	65	62	79	86	79.5	------
12	57.68	57.42	58.30	55.77	56.49	58.12	57.30	23.8	22.6	30.6	31	27.6	24.5	26.7	34.3	22.4	87	93	64	65	80	83	78.7	------
13	58.02	57.84	59.30	56.65	57.19	58.27	57.88	22.7	21.5	30.8	31	27.5	24.5	26.3	31.8	21.1	91	92	63	62	78	87	78.8	------
14	57.61	57.68	59.09	56.65	56.69	57.60	57.55	22.8	22	29.9	31.5	27.7	25.8	26.6	32.3	21.6	91	93	65	59	79	81	78	------
15	56.76	56.92	58.23	55.48	56.31	57.35	56.84	23.5	22.2	30.5	31.1	27.6	25.4	26.7	32.8	22	88	95	58	61	80	88	78.3	------
16	56.12	56.42	57.56	54.68	55.44	56.76	56.16	24.2	23.1	28.6	31	28	25.7	26.8	32.2	22.6	85	87	69	62	79	82	77.3	------
17	56.12	56.38	57.29	54.77	55.99	57.01	56.26	24.4	23.5	30.7	30.5	27.6	25.9	27.1	32.7	22.9	86	90	65	68	76	80	77.5	------
18	55.75	56.41	57.12	54.33	55.38	56.70	55.95	24.5	23.3	32	32	28.5	26.5	27.8	34.4	22.9	87	92	63	63	80	76	76.8	------
19	55.53	56.15	57.40	54.82	55.99	57.40	56.22	24.9	24.3	31.1	31.8	28.2	25.4	27.6	33.7	23.5	84	86	65	61	80	93	78.2	------
20	56.57	56.71	57.73	54.86	56.30	57.81	56.66	24.6	23.2	30	34	29	24.9	27.6	34.7	23	93	96	70	55	76	80	78.3	------
21	57.69	58.22	58.82	56.09	56.43	57.58	57.47	24.5	23.4	30.5	31.6	27.6	25.3	27.2	32.9	22.9	81	88	68	65	80	89	78.5	------
22	57.12	57.58	58.02	56.05	56.77	57.70	57.21	24	23.3	27.9	32	25	24	26	32.9	23	90	92	71	60	92	87	82	6.1
23	57.16	57.19	58.11	55.97	56.35	57.34	57.02	23.8	22.1	30	31.2	27.5	26.6	26.9	32.3	21.9	85	92	65	60	77	78	76.2	------
24	56.87	56.93	57.90	55.88	57.16	58.21	57.16	23.6	22.6	29	30.3	24.9	24.2	25.8	32.2	22.2	93	95	70	62	92	91	83.8	23.4
25	57.76	58.24	59.21	57.10	57.70	58.34	58.06	23	22	29	29.5	27.1	25	25.9	30.2	21.5	91	92	70	71	83	91	83	------
26	57.58	57.58	58.25	55.95	56.90	57.62	57.31	23	22.5	29.8	31.7	27.6	24.1	26.4	32.2	22.1	95	96	66	59	79	81	79.3	------
27	57.43	57.44	58.25	56.09	57.03	57.76	57.33	23.1	22.5	29.8	30.5	27.2	24.7	26.3	31.7	22	81	82	63	65	77	74	73.7	------
28	57.33	57.88	58.88	56.38	57.72	58.49	57.78	23.6	22.1	29.9	30	26.6	23.2	25.9	31.4	21.8	76	81	55	60	55	74	66.8	------
29	57.48	56.97	58.25	55.99	57.15	58.38	57.37	22.7	22.9	27	31	25.6	23.2	25.4	31.6	22.3	74	74	63	53	71	83	69.7	------
30	57.99	57.37	58.63	56.75	56.97	57.94	57.61	22.6	22	25	26.4	25.3	24.3	24.3	26.8	21.5	87	90	80	73	77	88	82.5	.5
31	56.84	57.19	58.22	55.17	56.64	58.25	57.05	23.1	22.6	28.5	34	27.5	26.4	27	34.7	22.2	94	95	71	52	76	81	78.2	------
Mean	57.11	57.28	58.30	55.92	56.66	57.78	57.18	23.3	22.4	29.5	30.9	27.1	25	26.4	32.1	22	88.8	90.7	66.4	62.4	78.5	84.7	78.6	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	30.5

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	SE	SE	SE	NW	N	N	36.4	37.8	75.3	38	187.5	2	Ci.	Cu.	1	Ci.	Cu.
2	N	NNE	E	WNW	Calm	NW	23.5	36.2	69.2	18.8	147.7	10	A.-S.	Fr.-N.	10	Ci.-S.	Cu.
3	Calm	E	SSE	SSE	Calm	S	25.4	67.9	40.7	23.5	157.5	10	A.-S.	S.-Cu.	10	A.-S.	Fr.-N.
4	S	Calm	S	NNW	NNW	NW	14.3	37.8	71.6	37.2	160.9	8	Ci.-Cu.	S.-Cu.	2	Ci.	Cu.
5	SE	SE	SE	S	N	SSE	30.1	48	57.7	44.6	180.4	1	Ci.	Cu.	5	----------	Cu. EbyN
6	SE	SE	S	NW	N	N	34.8	40.7	58.5	30.6	164.6	0	Ci.	Cu.	2	----------	Cu.
7	SE	SE	SE	NW	NNW	SW	37.3	43.1	74.5	38.1	193	0	----------	Cu.	1	----------	Cu.
8	SW	S	W	NNW	N	NW	17.7	32.2	67.1	34.6	151.6	4	A.-Cu.	S.-Cu.	2	----------	Cu.
9	SW	SE	SE	SE	NE	SE	39.9	60.4	69.8	37.2	207.3	7	Ci.	S.-Cu.	4	Ci.	Cu.
10	SE	SE	SE	NW	NE	NE	33.8	41.8	65	18.3	158.9	4	Ci.	S.-Cu.	2	Ci.	Cu.
11	NE	ENE	NE	NNW	NNW	SSW	32.4	39	73.7	40.2	185.3	9	A.-Cu.	S.-Cu.	3	Ci.	Cu.
12	SE	SE	SSW	NNW	N	SSE	33	40.4	70.2	29.8	173.4	2	Ci.	S.-Cu.	2	Ci.	Cu.
13	S	SE	ESE	NNW	NNW	SW	34.3	41.3	67.4	30.4	173.4	2	Ci.	Cu.	9	Ci.-Cu.	Cu.
14	Calm	S	WSW	NNW	N	SW	23.5	28.8	65	27.9	145.2	2	Ci.	Cu.	6	Ci.-S.	Cu.
15	Calm	S	SE	NW	NW	S	15	34.6	72.6	42.4	164.6	6	Ci.	S.-Cu.	7	Ci.-S.	Cu.
16	SSE	SE	SSE	NNW	Calm	SE	50.2	36.7	52.8	17.7	157.4	9	Ci.-S.	S.-Cu.	7	A.-Cu. SSE	Cu.
17	SE	SE	SE	Nbyw	Calm	S	14.3	28.7	44.9	38.8	126.7	9	A.-Cu.	S.-Cu.	10	Ci.-S.	S.-Cu.
18	SE	E	SSE	NNW	NNW	SSE	34	63.4	72.4	33	202.8	9	Ci.	S.-Cu.	9	Ci.-S.	S.-cf.
19	SE	SE	E	NNW	NNW	SW	41.8	33.8	71.6	28.2	175.4	9	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.
20	Calm	S	SSE	SSW	Calm	Calm	10.2	55.7	44.1	15.8	125.8	5	Ci.	Cu.	5	Ci.	Cu.
21	SE	SE	SSE	NW	NNW	W	35.6	39.1	74.8	29.2	178.7	9	Ci.-S.	Cu.	7	Ci.	S.-Cu.
22	Calm	SE	SSE	SSE	NW	SE	20.6	68.1	59.5	36.7	184.9	9	Ci.-S.	S.-Cu.	9	A.-Cu.	S.-Cu.
23	SE	SE	SE	NW	N	N	37	41.8	59.8	44.1	182.7	0	Ci.	Cu.	1	Ci.	Cu.
24	Calm	NE	SSE	NW	E	SE	19.8	29.6	35.7	38.6	123.7	3	Ci.	S.-Cu.	9	A.-Cu. E	Fr.-N.
25	S	SE	Calm	NW	NW	NW	52.3	33	81	35.9	202.2	9	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.
26	Calm	NW	Calm	NNW	Calm	SSE	19.9	27.6	60	67.8	175.3	8	Ci.-S.	Cu.	4	A.-Cu.	Cu.
27	SSE	SSE	SE	NW	N	S	57.7	30.9	59.2	36.2	184	1	Ci.	Cu.	9	Ci.-S.	Cu.
28	S	S	SE	ENE	SE	S	53.9	73.4	80.5	114	321.8	2	Ci.	S.-Cu.	10	A.-Cu.	S.-Cu.
29	S	S	SSE	SSE	S	S	72.4	98.7	86.7	76.2	334	10	A.-S.	Fr.-N.	9	Ci.-S.	S.-Cu.
30	SE	SE	SE	SW	N	N	49.3	39.7	33.3	25.1	147.4	10	----------	N.	10	----------	Fr.-N.
31	E	E	SSE	S	N	SSW	33.8	48.3	66	26.4	174.5	10	A.-S.	S.-Cu.	3	Ci.	Cu.
Mean	------	------	------	------	------	------	33.4	44.5	63.9	37.3	179	5.8	----------	----------	6	----------	----------
Total	------	------	------	------	------	------	-----	-----	-----	-----	5,548.6	----	----------	----------	----	----------	----------

BOLINAO.

[$\phi = 16° 24'$ N; $\lambda = 119° 53'$ E; barometer above sea, 9.7 meters; gravity correction not applied, —1.65 mm.]

JANUARY, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.66	57.86	58.59	56.27	57.19	57.64	57.70	23.9	22.7	29.4	31.4	27.4	24.6	26.6	31.5	22.4	97	97	75	69	81	92	85.2	
2	56.15	55.84	57.26	54.69	55.03	55.43	55.73	23.5	25.6	28.6	31	27.1	25	26.8	31.3	23.4	95	90	80	69	87	91	85.3	
3	55.14	55.30	56.69	55.07	55.02	56.51	55.62	24.4	24.9	28.5	30.1	27.1	25.6	26.8	30.7	24.1	95	97	73	71	87	82	84.2	
4	55.98	57.10	59.45	57.16	58.73	60.13	58.09	25.5	25.5	30.1	33.1	29	26.5	28.3	33.5	25.1	80	80	65	55	75	89	74	
5	59.33	59.30	60.31	58.62	59.67	60.16	59.56	24.8	23.2	30.1	31.1	25.4	25.4	26.7	32.5	22.7	92	95	68	66	85	90	82.7	0.5
6	59.21	59.16	60.14	58.90	59.53	59.92	59.48	21.8	24	28.6	31.7	27.1	23	26	32.1	21.8	95	91	64	48	81	91	78.3	
7	59.57	59.57	60.19	58.73	59.47	60.37	59.65	21.5	23.5	28.8	31.5	27.8	27.4	26.8	31.6	21.4	95	91	71	66	79	78	80	.5
8	60.04	60.58	61.71	60.53	60.92	62.39	61.03	25	23.5	29.7	31.1	27.6	25.5	27.1	32.1	22.9	91	93	63	69	87	92	82.5	.5
9	61.97	62.23	63.06	60.95	61.07	62.39	61.94	23.9	23	30	31.6	28.1	25.5	27	32.5	22.9	92	95	67	63	85	92	82.3	
10	61.67	62.23	63.44	61.40	61.57	62.63	62.16	22.5	20.8	29.6	32.1	27.6	26.6	26.5	32.3	20.5	94	96	67	64	80	87	81.3	
11	61.88	62.09	63.12	61.12	61.36	62.13	61.95	22.8	22.9	30	31.5	27.6	27	27	31.7	21.9	93	97	65	63	80	77	79.2	
12	61.12	61.39	62.52	60.66	60.59	61.31	61.26	24.1	23	29.6	31	27.9	27.4	27.2	31.5	22.1	90	91	61	61	79	84	77.7	
13	60.52	60.64	62.01	60.12	59.94	60.99	60.70	24.4	23.5	30	31	27.6	25.2	27	31.5	23	90	86	62	62	77	87	77.3	
14	59.99	59.86	60.71	58.84	58.89	59.39	59.61	23.4	21.4	29.6	31	27.3	27	26.6	31.9	21.1	90	91	64	58	75	81	76.5	
15	58.40	57.98	59.48	57.28	57.67	58.45	58.21	26.1	26	26.4	27	25.1	25	25.9	27.1	24.7	81	81	78	78	82	79	79.8	
16	57.66	58.02	59.71	58.40	58.50	59.77	58.68	24.5	23.6	25.4	26.6	24.6	24	24.8	26.8	23	78	78	68	65	72	75	72.7	
17	59.33	59.59	61.04	59.10	59.41	60.55	59.84	21.8	19	26.9	27.5	24.5	23.4	23.8	28.1	18.5	87	96	49	52	66	72	70.3	
18	60.30	60.49	61.54	59.97	60.48	61.61	60.73	21.3	19.2	26.5	28.2	24.6	22.1	23.6	28.5	18.4	72	73	52	43	56	74	61.7	
19	61.20	61.01	62.43	60.47	60.67	61.41	61.20	20.4	19.3	27.2	29	24.9	21	23.6	29.1	18.7	68	81	53	58	68	83	68.5	
20	60.26	60.46	61.44	59.35	59.59	60.39	60.25	20.3	19.5	28	28.8	25.1	22.1	24	29.1	18.9	83	81	51	48	66	84	68.8	
21	59.38	59.77	60.78	59.18	59.09	59.16	59.56	20.6	21.1	27.1	29	25.2	24.2	24.5	29.8	20.4	85	77	60	57	62	68	68.2	
22	58.73	59.15	60.02	57.57	58.13	58.84	58.74	23.9	21.4	28.9	29.6	26	25	25.8	30.1	20.4	79	84	56	52	65	76	68.7	
23	58.10	58.60	59.43	58.24	59.11	59.76	58.87	24.8	25	28.4	28.8	25.6	26	26.4	29.4	24.4	77	70	72	68	82	87	76	
24	58.99	59.25	60.37	58.33	58.90	60.07	59.32	25.3	25	26	28.5	25.6	25.4	26	29.1	22.7	88	88	81	70	81	76	80.7	
25	59.33	60.30	61.82	59.94	59.71	60.73	60.30	20.5	18.9	27.8	29.5	26.2	22.9	24.3	30	18.5	89	96	65	56	76	88	78.3	
26	60	59.75	61.14	59.34	59.12	60.26	59.94	21.5	21	29.4	30.2	27	24	25.5	30.8	20.7	91	96	72	60	78	91	81.3	
27	59.12	59.43	59.88	57.83	58.19	58.97	58.90	21.6	22.5	30.1	29.4	27.4	25.5	26.1	31.1	21.5	96	97	68	68	84	93	84.3	
28	58.19	58.36	59.03	57.27	57.99	58.66	58.25	23.5	24	29.8	29.6	27	24.9	26.5	32.2	23	93	92	62	71	86	93	82.8	
29	57.73	57.41	58.84	56.86	56.91	58.18	57.66	24.8	24	30.1	30.6	27.5	25	27	32.5	23.6	82	86	59	58	76	80	73.5	.3
30	57.45	58.11	59.62	57.94	57.75	58.67	58.26	24.2	23.1	25	26.1	24.4	23.4	24.4	26.3	22.6	82	86	92	76	86	90	85.3	2.5
31	57.17	57.80	58.73	57.02	57.05	58.04	57.64	23	22	23.5	27	25.6	25	24.4	27.5	21.7	91	96	91	70	81	90	86.5	3.6
Mean	59.12	59.31	60.47	58.62	58.94	59.84	59.38	23.2	22.6	28.4	29.8	26.5	24.9	25.9	30.5	21.8	87.5	88.6	66.9	62.4	77.6	84.3	77.9	
Total																								7.9

Day.	Wind.													Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		Mean force.	6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.		Amount.	Form and direction, Upper.	Form and direction, Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		0–12		0–12		0–12		0–12		0–12	0–12	0–10			0–10		
1	Calm	----	Calm	----	SE	4	NW	4	NNW	3	SSE	1	2	6	A.-Cu.	Cu. NNE	10	ci.-s. SSW	Cu. NNW
2	S	1	N	4	NNE	4	NW	4	SE	1	SSE	2	2.7	10	Ci.-S.	Cu. NNE	10	Ci.-S.	Cu. NNW
3	SSE	1	Calm	----	SE	3	NNE	3	SE	1	SE	5	2.2	10	----------	N.-cf. SE	10	----------	N.-cf. ENE
4	SE	6	SE	5	SE	5	SSE	5	NW	3	ENE	3	4.5	10	ci.-s. SSW	S.-Cu.	6	Ci.	Cu.
5	ESE	1	ESE	1	SE	4	SE	3	ESE	1	SE	4	2.3	4	Ci.-S.	Cu.	10	Ci.	N.-cf. SSE
6	SE	1	SE	2	SE	5	SE	5	S	1	SSE	2	2.7	8	Ci. SW	S.	10	Ci. SSW	Cu.
7	SSE	1	SSE	3	E	4	N	4	N	4	NNE	4	3.3	1	Ci.	Cu.	2	Ci.	Cu.
8	E	3	SE	2	SE	4	N	4	N	4	ESE	1	3	7	Ci.-S. SW	S.-Cu.	4	Ci.	Cu.
9	SE	1	SE	2	ESE	4	N	4	NNE	3	SSE	2	2.7	3	Ci.	Cu.	2	Ci.	Cu.
10	SE	1	SSE	1	ESE	4	N	4	NW	4	N	3	2.8	10	Ci. WSW	Cu.	8	Ci. SSW	Cu.
11	SE	1	SE	1	SE	4	N	4	N	3	N	4	2.8	3	Ci.-S.	Cu.	10	ci.-s. SSW	Cu.
12	SE	2	SE	2	ESE	4	N	4	N	4	NNE	3	3.2	10	Ci.-S.	Cu. WSW	7	Ci. SSW	Cu.
13	SE	2	SE	3	N	4	N	4	N	4	S	3	3.3	10	Ci.-S. SW	Cu.	10	Ci.-S. S	Cu.
14	SSE	2	SSE	2	NW	3	NNW	4	NNE	4	NNE	5	3.3	10	A.-cu.SSW	Cu.	10	Ci.-S. S	Cu.
15	N	6	N	6	N	6	N	7	N	7	N	7	6.5	10	----------	N.-cf.NNE	10	----------	N.-cf. NNE
16	N	7	N	7	N	6	N	6	N	5	N	5	6	10	----------	N.-cf.NNE	6	Ci.-S.	Cu.
17	SE	2	SE	1	ESE	4	N	4	N	4	SE	4	3.2	10	----------	N.-cf. N	3	Ci.	Cu.
18	SE	5	SSE	3	SE	4	E	4	N	4	SSE	2	3.7	8	ci.-s.WSW	Cu.	10	Ci.-S. SW	Cu.
19	SE	4	SE	2	SE	4	N	4	N	4	SE	1	3.2	10	Ci.-S. SW	Cu.	10	Ci. SW	Cu.
20	SE	2	SSE	3	SE	4	ESE	4	N	4	S	2	3.2	10	Ci.-S. SW	Cu.	10	Ci.-S. SW	Cu.
21	SSE	2	SSE	4	ENE	4	NNW	4	N	4	N	4	3.7	10	----------	S.-Cu. N	10	Ci.-S. S	Cu.
22	NNE	3	ENE	2	NNE	3	N	4	N	4	N	4	3.3	10	----------	S.-cu. SSE	5	Ci. SW	Cu.
23	NNW	3	NNW	4	NW	4	NW	4	NW	4	N	4	3.8	10	----------	S.-Cu. S	10	----------	S.-Cu. S
24	N	5	N	5	N	5	N	4	N	4	N	4	4.5	10	----------	N.-cf.NNE	10	A.-Cu. S	Cu.
25	E	1	ESE	1	N	2	NNW	3	N	4	SSE	1	2	10	Ci. SW	Cu.	10	ci.-s. SSW	Cu.
26	SE	1	ESE	1	NNW	4	N	4	NNW	3	SSE	1	2.3	9	Ci.-S.	Fr.-Cu.SE	9	Ci.-S. SW	Cu.
27	SSE	1	SSE	1	NNW	4	N	4	NNW	3	S	1	2.3	10	A.-Cu. E	S.-Cu.	10	A.-Cu.	S.-Cu. S
28	SE	1	SE	1	SE	4	NW	3	NW	3	SSE	1	2.2	10	Ci.-S. SW	S.	10	Ci.-S.	N.-cf.
29	SE	4	SE	2	SE	4	N	4	NNW	4	SE	3	3.5	10	----------	S.-cu.SSW	10	Ci.-S. SW	S.-Cu.
30	SSE	3	SSE	2	NNE	4	NNE	4	N	4	NNE	3	3.3	10	----------	N.	10	----------	N.-cf.
31	SSE	2	SSE	2	SE	4	W	3	NW	4	N	5	3.3	10	----------	N.-cf.	10	----------	N.-cf.NW
Mean	-------	2.4	-------	2.4	-------	4.1	-------	4.1	-------	3.5	-------	3	3.3	8.7	----------	----------	8.5	----------	----------

BOLINAO.

[$\phi = 16°\ 24'$ N; $\lambda = 119°\ 53'$ E; barometer above sea, 9.7 meters; gravity correction not applied, —1.65 mm.]

FEBRUARY, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.44	57.40	58.85	57.06	56.13	57.74	57.44	24.8	24.6	26.9	28	26	25.5	26	28.8	24.3	87	87	75	73	82	92	82.7	0.6
2	56.95	57.07	58.27	57.18	56.85	57.45	57.30	24	23	26.2	24.9	22.9	21.8	23.8	26.5	21.6	91	91	76	98	98	98	91.2	12.5
3	57.01	57.05	58.39	56.95	56.90	57.36	57.28	23.5	24.1	26.4	25.2	25	24.4	24.8	26.6	22.2	96	97	91	98	97	98	96.2	16
4	56.92	57.22	58.49	56.71	56.28	57.45	57.18	23.7	23.4	26.6	28.7	25.6	20.6	24.8	29.3	19.9	97	99	87	73	81	97	89	1.3
5	57.14	57.65	59.10	57	57.54	58.59	57.84	19.3	18.6	27	29	25.4	20	23.2	29.8	18.4	98	99	75	65	77	96	85	------
6	58.19	58.75	59.83	57.66	57.38	57.92	58.27	18.8	18.5	27.1	28.5	25.4	22.6	23.5	29	18.1	98	99	76	73	77	91	85.7	------
7	57.32	57.30	58.46	56.83	56.67	57.22	57.30	19.5	19.2	27.1	28.5	24.6	19.6	23.1	28.6	18.4	98	99	70	66	79	94	84.3	------
8	56.65	57.04	58.87	57.14	57.27	58.83	57.63	18.3	16.6	27	28.8	25.5	22	23	29.1	16.4	99	100	68	60	68	82	79.5	------
9	58.40	59.44	61.04	59.13	59.19	60.47	59.61	23.1	18.5	25.6	28.9	25.5	24.7	24.4	29.1	18.2	86	97	72	65	73	74	77.8	------
10	60.15	60.58	61.82	60.18	59.91	60.85	60.58	24.4	24.2	28.1	29.6	26.1	25.3	26.3	29.9	22.8	80	86	76	70	81	87	80	------
11	60.35	60.79	62.21	60.39	60.06	60.96	60.79	22.1	19.9	28.6	30	26.4	25.9	25.5	30.4	19.4	95	100	71	69	81	92	84.7	5.1
12	60.26	60.48	61.58	59.52	59.93	61.94	60.62	24.5	23.4	28.6	30.5	26.2	23	26	30.7	22.9	95	96	73	65	87	99	85.8	23.1
13	61.04	60.99	62.20	60.51	60.34	62.03	61.18	23.3	23.1	25.9	27.1	24.5	24.4	24.7	27.9	22.4	98	98	85	83	85	85	89	------
14	61.68	61.95	62.54	60.62	59.90	60.48	61.20	24	24	25.6	27.6	25.2	24.9	25.2	28.2	23.1	85	85	82	73	83	90	83	------
15	59.88	59.93	61.46	59.73	59.43	60.47	60.15	21.4	20.4	28.5	29.5	27	25	25.3	29.9	20	97	99	75	72	74	83	83.3	------
16	59.99	60.25	61.66	59.39	59.14	60.33	60.13	21.7	20.9	28.5	29.6	26.6	23.4	25.1	30.5	20.5	96	98	80	72	84	97	87.8	------
17	59.55	59.82	60.92	58.62	58.58	59.58	59.51	23.7	22.8	29	29.6	26.5	26	26.3	31.5	22.3	98	98	74	75	89	94	88	------
18	58.57	58.78	59.61	57.54	57.43	58.03	58.33	23.6	21.4	28.7	29.5	26.6	25	25.8	29.9	21.2	97	99	80	81	90	94	90.2	------
19	57.35	57.56	58.92	56.84	56.99	57.47	57.52	22.8	23.5	28.4	29.5	27.1	24.3	25.9	30.5	21.9	97	98	82	75	84	95	88.5	.8
20	56.91	57.10	58.08	55.93	56.35	58.94	57.22	23.7	23.1	27.6	31.1	29.1	25	26.6	32.1	22.9	97	98	80	63	76	94	84.7	1.3
21	57.59	57.41	58.75	56.89	56.65	57.69	57.50	25.1	23	28	30.6	27	26.4	26.7	31.9	22	94	97	73	59	87	92	83.7	------
22	57.64	57.40	58.37	56.37	56.27	57.84	57.32	24	24.5	29.9	32	28.5	26.5	27.6	33.6	23	97	88	65	61	78	81	78.3	------
23	57.34	57.34	58.52	56.21	56.72	58.20	57.39	26	24.4	30.1	33	28.4	25.8	28	33.6	24.1	84	88	64	48	73	92	74.8	------
24	57.33	57.26	58.71	56.88	56.96	58.33	57.58	24	23.9	30.2	30.5	28	24.5	26.8	32.3	22.5	95	93	65	69	79	92	82.2	------
25	57.79	58.22	59.86	57.73	56.95	58.32	58.14	23.7	23	29	30.5	27	26.5	26.6	31	22.8	97	98	78	75	83	86	86.2	------
26	57.93	58.38	59.67	56.95	56.76	57.90	57.93	26	24.8	29.5	30.8	27.9	24.6	27.3	31.9	23.9	88	95	74	71	82	95	84.2	------
27	57.10	57.72	59.10	56.66	56.77	58.68	57.67	23.6	21.5	29.4	32.6	27.6	25.4	26.7	32.9	21.2	97	99	71	63	79	86	82.5	------
28	57.74	58.41	59.66	57.45	57.53	59.24	58.34	23.9	23.6	30.1	31.1	28	26.6	27.2	31.9	23.1	91	86	59	62	74	83	75.8	------
29	57.91	59.69	61.27	58.63	58.49	59.76	59.46	26.4	26	29.1	30.1	27.1	25.6	27.4	30.9	25.2	86	89	76	66	87	85	81.5	------
Mean	58.31	58.59	59.87	57.88	57.77	58.97	58.57	23.2	22.3	28	29.5	26.4	24.3	25.6	30.3	21.5	93.6	95	74.9	70.3	81.7	90.5	84.3	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	60.7

Day.	Wind.														Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		Mean force.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.			Amount.	Form and direction.		Amount.	Form and direction.	
																Upper.	Lower.		Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–12*	*0–10*			*0–10*		
1	N	5	N	5	N	5	N	5	N	4	Calm	----	4	9	Ci.		Cu. NNE	10	----------	Cu.NNE
2	SE	2	SE	2	SE	4	SW	2	ESE	1	Calm	----	1.8	10	----------		N.-cf. S	10	----------	N.
3	NE	2	NE	2	NNW	3	NW	2	E	1	SE	1	1.8	10	----------		N.-cf. SSW	10	----------	N.
4	S	1	Calm	----	NNW	4	NNW	4	WNW	2	S	1	2	10	----------		N.	3	Ci.-Cu.	Cu.
5	S	1	S	1	W	4	W	4	WNW	3	SSE	1	2.3	3	----------		Cu.	2	----------	Cu.
6	SSE	1	SSE	1	ESE	3	WNW	4	WNW	3	S	1	2.2	2	Ci.		Cu.	2	----------	Fr.-Cu.
7	S	1	SSW	1	NW	3	NW	4	W	4	S	1	2.3	8	Ci.		Cu. NNW	4	Ci.	Cu. NW
8	S	1	Calm	----	NNW	3	NW	4	WNW	4	N	3	2.5	3	Ci.		Cu.	1	----------	Cu.
9	NNW	2	S	1	NNE	3	NNW	4	NNW	4	N	4	3	7	----------		Cu. NNW	2	----------	Fr.-Cu.
10	N	4	N	4	N	4	NNW	4	N	4	N	3	3.8	10	Ci.		Cu. NNE	4	----------	Cu.
11	S	1	Calm	----	NNE	3	N	4	N	4	N	4	2.7	3	Ci.-S.		Cu.	4	A.-Cu.	Cu.
12	SSE	1	SSE	3	ESE	4	SSE	4	N	4	ENE	2	3	10	----------		N.-cf. NE	10	Ci.-S.	N.-cf. SSE
13	E	1	E	1	N	4	N	5	N	6	N	7	4	8	A.-Cu.		Cu. SE	10	A.-Cu.	N.-cf. NNE
14	N	6	N	5	N	5	N	4	N	4	N	4	4.7	10	----------		N.-cf. NNE	9	Ci.-Cu.	Cu. NNE
15	S	1	S	1	NW	3	NNW	3	NNW	4	NNE	3	2.5	1	----------		Cu.	1	----------	Cu.
16	SSE	1	ESE	1	NNW	3	NNW	4	NW	4	S	1	2.3	4	Ci.-S.		Cu. SE	10	ci.-s.wsw	Cu.
17	Calm	----	SSE	1	E	4	N	4	N	4	NNE	2	2.5	10	Ci.-S.		S.-Cu.NE	10	Ci.-S. SSE	Cu.
18	S	1	SSE	1	E	4	NNW	4	NNW	4	SSE	1	2.5	10	Ci.-S. SW		Cu.	10	Ci.-S. SSW	Cu.
19	S	1	Calm	----	N	4	NNW	4	ESE	2	S	1	2	10	----------		N.-cf. N	10	Ci.-Cu.	S.-Cu. SE
20	SSW	1	SE	1	E	3	E	4	W	3	NNE	4	2.7	10	----------		N.-cf. SE	10	A.-Cu.SSW	S.-Cu.
21	NNE	3	SE	1	ESE	4	N	4	N	4	NNE	3	3.2	10	----------		N.-cf. SSE	10	Ci.-S. SW	S.-Cu.
22	ESE	1	ESE	3	SE	5	E	3	NNE	3	SSE	3	3	10	A.-Cu.ESE		S.	10	A.-Cu.	Cu. S
23	SE	4	SE	3	SE	5	N	4	N	4	SSE	1	3.5	10	Ci.-S. SW		S.-Cu.	2	A.-Cu.	Cu.
24	SSE	2	SE	3	SE	4	W	4	WNW	4	SSE	1	3	10	Ci.-S. SW		S.	10	Ci.-S. S	Cu.
25	SSE	1	SSE	1	NE	3	N	4	N	4	N	4	2.8	10	Ci.-S.		Cu. E	10	Ci.	Cu. N
26	N	3	SSE	1	ESE	4	WNW	4	W	4	SE	1	2.8	10	Ci.-S.		Cu. N	10	Ci.-S. S	Cu.
27	SSE	1	SSE	1	SE	4	WNW	4	WSW	4	SSE	2	2.7	10	Ci. SW		S.	8	Ci.-S.	Cu. SSE
28	SE	2	SE	4	SE	5	N	4	N	3	N	4	3.7	10	Ci.		Cu. SSE	2	Ci.	Cu.
29	N	4	N	5	N	5	N	5	N	5	N	6	5	8	----------		Cu. NNE	3	Ci.	Cu.
Mean	------	1.9	------	1.8	------	3.9	------	3.9	------	3.6	------	2.4	2.9	8.1	----------		----------	6.8	----------	----------

BOLINAO.

[$\phi = 16°\ 24'$ N; $\lambda = 119°\ 53'$ E; barometer above sea, 9.7 meters; gravity correction not applied, —1.65 mm.]

MARCH, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.29	59.78	60.86	58.85	58.66	60.03	59.58	25	25	28	29.1	26	25.8	26.5	29.8	24.6	82	82	65	63	79	85	76	------
2	59.21	59.18	60.44	57.94	58.17	60.04	59.16	23	21.4	28.9	30.9	27	23.4	25.8	31.3	20.6	85	92	53	46	70	88	72.3	------
3	59.09	59.35	60.73	57.95	59.14	61.05	59.55	22.2	22.6	28.1	32.3	27.6	23.4	26	32.7	21.1	77	78	57	44	70	85	68.5	------
4	60.72	61.25	62.41	60.34	59.49	61.06	60.88	22.9	22	28.9	29	26.5	25.9	25.9	29.7	21.7	91	96	69	69	76	80	80.2	------
5	60.22	60.29	61.24	59.30	58.62	59.79	59.91	25.6	24	28.9	29.7	26.5	26	26.8	30.5	23.6	82	91	72	63	78	84	78.3	------
6	58.70	58.87	59.95	57.56	57.39	58.33	58.47	23.1	23.4	31	31.9	28	24.1	26.9	32.9	22.6	90	85	53	59	74	91	75.3	------
7	57.58	57.88	59.17	57.36	56.99	57.93	57.82	22.6	22	30.6	31.7	27.6	24.1	26.4	33.9	21.6	96	98	62	61	81	95	82.2	------
8	57.73	58.24	60.22	58.38	57.80	59.38	58.62	25.4	25.5	30.6	31.5	27.6	25.9	27.8	31.9	22.4	92	91	72	68	77	86	81	------
9	58.74	59.29	60.81	57.97	58.44	59.25	59.08	25.2	23.4	30.4	32.7	27.3	26	27.5	33.2	22.9	87	94	69	60	76	87	78.8	------
10	58.55	58.82	60.14	57.83	58.04	59.18	58.76	22	22	28.6	30.6	27.4	26	26.1	31.5	21.3	91	95	78	70	78	87	83.2	------
11	58.19	58.69	60.05	57.73	57.15	58.94	58.46	25	25.4	29.5	31.1	27.6	23.9	27.1	31.5	22.4	88	88	71	65	76	91	79.8	------
12	58.67	58.09	60.64	58.40	58.02	59.79	59.10	21.8	20.1	29.5	31.1	29	23.9	25.9	32.5	19.9	96	98	68	62	74	89	81.2	------
13	60.02	60.31	61.47	59.50	59.03	60.48	60.14	23	21.5	30.1	32.1	28.5	26.9	27	32.3	21.3	88	96	75	60	75	88	80.3	------
14	59.68	59.55	60.05	58	57.93	59.67	59.15	26.1	23.4	31.3	32.1	28.1	26.8	28	33.5	23.1	88	97	63	65	83	84	80	------
15	59.03	58.79	59.08	57.06	57.23	59.68	58.48	25.3	23.3	30.5	32.1	27.5	26.9	27.6	32.5	23	90	97	66	65	80	89	81.2	------
16	58.96	58.71	60.30	57.97	57.92	60.22	59.01	23.4	23.1	30.9	33.6	28.4	26.9	27.7	34.2	22.7	93	97	64	56	76	89	79.2	------
17	59.33	59.55	61.33	58.92	58.23	60.33	59.62	23.6	24	31.7	31.9	28.5	26.5	27.7	32.9	22.1	91	88	65	64	80	80	78	------
18	59.84	59.67	60.37	58.22	58.04	60.37	59.42	25.7	25.6	31.6	32.9	28.9	27.3	28.7	33.9	24.8	88	91	54	53	74	84	74	1.5
19	59.77	59.11	60.08	57.60	57.45	59.10	58.85	24.6	24.6	31.4	34.5	28.1	25.5	28.1	35.2	24.4	79	79	50	32	73	87	66.6	------
20	58.18	59.05	60.40	58.36	57.83	58.99	58.80	24.4	22.9	30.5	31.3	28.6	27	27.4	32.6	22.7	91	93	69	67	73	81	79	------
21	58.43	59.09	60.45	58.65	58.67	60.46	59.29	25	24.1	30.5	33.5	29	27.1	28.2	34	24	91	91	65	57	75	87	77.7	------
22	59.92	60.43	61.95	59.75	59.43	60.97	60.41	26.9	27	29.6	30.4	27.6	27.1	28.1	31.8	26.8	84	81	74	72	76	88	79.2	------
23	59.98	60.36	61.62	60.22	59.96	61.52	60.61	26.6	23.9	31.8	32.1	27.6	25.8	28	33.1	23.8	87	97	62	60	80	88	79	------
24	61.01	61.39	62.76	61.07	60.68	62.39	61.55	24.5	23.6	30.4	31.6	28	26.9	27.5	32.6	23.4	92	86	63	60	73	79	75.5	------
25	61.46	61.74	62.60	59.95	59.91	61.61	61.21	24.5	24.5	29.9	32.5	28.6	26.9	27.8	33.1	23.9	75	74	52	47	71	83	67	------
26	60.80	60.94	62.35	60.21	59.60	61.08	60.83	23.8	24.5	31.6	30.1	27.9	27	27.5	32.5	23.7	77	69	51	66	77	84	70.7	------
27	60.49	60.99	62.13	60.28	60.11	61.77	60.96	26.1	23.5	31.5	31.6	28	26.5	27.9	32.9	23.4	87	88	55	62	82	88	77	------
28	60.59	61.08	62.16	59.90	59.62	60.43	60.63	24.3	23.5	31	31.1	27.5	26.8	27.4	32	23	91	91	65	66	78	84	79.2	------
29	59.51	59.44	59.87	57.61	57.86	59.19	58.91	26.1	24.4	32.4	32.6	29.5	27	28.7	33.4	24.1	88	93	58	61	76	87	77.2	------
30	58.82	58.90	59.72	57.56	57.28	58.67	58.49	25.4	24.9	31.5	33.1	28.9	25.2	28.2	33.9	24.5	91	76	52	56	75	90	73.3	------
31	58.09	58.41	59.42	57.15	56.98	58.48	58.09	23.5	22.1	31.6	33.4	29.6	27.9	28	34.2	21.9	93	95	62	59	71	79	76.5	------
Mean	59.37	59.59	60.80	58.63	58.44	60.04	59.48	24.4	23.6	30.4	31.7	28	26	27.4	32.6	22.9	87.8	89.3	63	59.9	76	86	77	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	1.5

Day.	Wind.														Clouds.						
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		Mean force.	6 a. m.			2 p. m.			
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.		Amount.	Form and direction.		Amount.	Form and direction.		
															Upper.	Lower.		Upper.	Lower.	
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–10*			*0–10*			
1	N	5	N	5	N	5	N	5	N	5	N	3	4.7	9	Ci.	Fr.-Cu.NNE	8	Ci. SW	Cu.	
2	SE	4	SE	2	SE	4	E	4	NW	3	SSE	2	3.2	8	Ci.-S. SW	S.	1	----------	Cu.	
3	SE	5	SE	4	SE	5	SSE	6	W	1	SSE	2	3.8	8	Ci. SW	S.-Cu.	7	Ci. WSW	Cu.	
4	E	1	SSE	1	N	4	N	5	N	5	N	5	3.5	10	Ci.-S. SW	Cu. N	10	ci.-s. SSW	Cu.	
5	N	4	ESE	1	N	4	N	4	N	4	NNE	2	3.2	10	Ci.-S. SW	Cu.	10	ci.-s. WSW	Cu.	
6	SSE	1	SSE	2	SE	4	N	4	NNW	4	SSE	1	2.7	10	Ci.-S. W	S.-Cu.	8	Ci. SW	Cu.	
7	SSE	1	SE	1	ENE	4	NW	4	NNW	3	S	1	2.3	8	Ci. W	S.	7	A.-Cu. SSW	Cu.	
8	N	3	N	3	N	4	NNW	4	NNW	4	N	3	3.5	4	----------	Cu. NNE	1	----------	Cu.	
9	N	3	ESE	1	E	4	N	4	N	4	NNE	3	3.2	10	Ci.-S. SW	Cu.	4	Ci.	Cu.	
10	SE	1	SSE	1	N	3	NNW	4	WNW	3	NNW	3	2.5	10	Ci.-S. SW	S.	1	Ci.	Cu.	
11	N	3	N	4	N	4	NNW	4	NNW	3	SSE	2	3.3	10	Ci.	N.-cf. NNE	3	Ci.	Cu.	
12	SE	1	SE	1	E	4	NNE	4	WNW	3	S	1	2.3	1	Ci.	S.	1	Ci.	Cu.	
13	NNE	2	ESE	1	N	4	NNW	4	N	4	N	4	3.2	7	Ci. SW	Cu.	1	Ci.	Cu.	
14	NNE	3	ESE	1	SE	4	N	4	N	4	NNE	4	3.3	10	Ci.	Cu.	1	Ci.	Cu.	
15	SSE	1	SSE	1	E	4	NNW	4	N	4	NNW	2	2.7	8	Ci.-Cu. NNE	Cu.	1	Ci.	Cu.	
16	SE	1	SE	1	ESE	4	N	4	NNE	4	NNE	2	2.7	3	Ci. SW	Cu.	4	Ci.	Cu.	N
17	SE	1	SE	3	N	4	N	4	N	4	NE	2	3	10	Ci. SW	S.-Cu.	10	Ci. SW	Cu.	
18	SSE	2	SE	2	E	4	N	4	N	3	SSE	3	3	10	----------	S.-Cu. NE	1	Ci.	Cu.	
19	SE	5	SE	5	SSE	5	SE	6	W	4	SSE	2	4.5	10	A.-Cu.	S.-Cu. NE	2	A.-Cu.	Cu.	
20	Calm	----	SSE	1	N	4	N	4	N	4	NNE	2	2.5	8	Ci.	Cu. N	1	Ci.	Cu.	
21	SSE	1	SE	2	E	4	N	4	WNW	3	NNE	4	3	2	Ci.	S.-Cu.	1	Ci.	Cu.	
22	NNE	4	N	4	N	4	N	5	N	5	N	4	4.3	9	Ci.-S.	Cu. NNE	10	Ci.	Cu.	NNE
23	NNE	4	SE	1	ESE	4	N	4	N	4	SSE	3	3.3	10	Ci. SW	Cu.	10	Ci. SW	Cu.	N
24	SSE	2	SE	3	ENE	4	N	4	NNE	4	SSE	3	3.3	10	Ci. SW	Cu.	10	Ci. SW	Cu.	
25	SE	4	SE	4	E	4	N	4	NNW	4	E	3	3.8	10	----------	N.-cf. SSE	4	A.-Cu.	Cu.	
26	SE	4	SE	5	SE	4	WNW	4	WNW	3	N	3	3.8	10	A.-Cu. SSW	S.	10	A.-Cu. SW	Cu.	
27	NNE	3	SE	2	E	4	NNE	4	N	4	E	2	3.2	3	A.-Cu.	Cu.	2	Ci.	Cu.	
28	SE	1	E	2	NNE	4	N	4	N	4	N	4	3.2	4	A.-Cu.	Cu.	8	Ci.	Cu.	N
29	NNE	3	SE	1	SE	4	W	4	WNW	3	SSE	1	2.7	10	Ci. NW	Cu. SSE	8	Ci.-S.	Cu.	SSE
30	SSE	1	SE	4	SE	5	WNW	4	WNW	3	SSE	1	3	3	Ci.	Cu.	1	----------	Cu.	
31	SE	1	SE	1	E	4	NNW	4	W	3	NNE	4	2.8	1	Ci.	Cu.	2	Ci.	Cu.	
Mean	-------	2.4	-------	2.3	-------	4.1	-------	4.2	-------	3.6	-------	2.6	3.2	7.6	----------	----------	4.8	----------	----------	

BOLINAO.

[$\phi = 16°\ 24'$ N; $\lambda = 119°\ 53'$ E; barometer above sea, 9.7 meters; gravity correction not applied, —1.65 mm.]

APRIL, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.46	57.36	58.32	56.37	56.46	58.23	57.37	25.1	23	31.6	32.4	28.5	27.1	28	33.4	22.7	92	97	65	64	75	83	79.3	------
2	57.13	57.31	58.99	57.75	58.24	60.47	58.32	26.5	24.5	31.6	32	28.4	27.1	28.4	33	24.4	84	92	66	64	73	84	77.2	------
3	59.73	59.41	60.38	59.22	59.47	60.94	59.86	25.1	26	31.6	32.9	28.5	27.1	28.5	33.5	22.7	92	84	62	62	78	83	76.8	------
4	59.45	59.74	61	59.27	59.14	60.76	59.89	26.2	26.5	32	32.1	27.6	27	28.6	33	25.9	84	86	64	65	80	87	77.7	------
5	60.02	60.39	61.63	59.97	60.08	62.04	60.69	26.2	26.1	30.2	32.1	28.5	25.9	28.2	32.7	25.5	82	82	64	60	72	82	73.7	------
6	60.52	60.98	61.93	60.06	60.63	62.63	61.12	25.4	23	29.7	31.6	28.5	23.5	27	33.4	22.6	87	91	55	59	75	95	77	9.7
7	61.88	62.13	63.02	61.19	61.20	62.77	62.08	23.7	24.1	30.9	32.1	28.4	26.9	27.7	32.9	23.4	95	88	60	60	77	87	77.8	------
8	62	61.83	62.17	59.74	59.52	61.71	61.16	24.7	25	31.5	34	29.3	27.5	28.7	34.7	24.3	83	76	46	43	68	81	66.2	------
9	60.41	60.43	61.41	59.33	59.35	61	60.32	25.6	25	32.8	33.9	29.3	27.1	29	34.9	24.8	79	80	52	43	71	87	68.7	------
10	60.09	60.32	61.60	59.67	59.52	60.70	60.32	25.4	25.1	31.9	33.6	29.5	28	28.9	33.9	23.9	87	87	55	55	75	80	73.2	------
11	60.01	60.33	61.16	58.81	58.68	60.37	59.89	27.1	25.1	31.9	33.5	30.5	26.9	29.2	34.4	24.8	83	92	60	59	73	79	74.3	------
12	59.96	60.27	61.50	59.54	59.36	61.35	60.33	25.7	25	33.3	33.6	29.5	28	29.2	35.1	24.6	77	76	47	53	71	85	68.2	------
13	60.47	60.52	61.09	59.36	59.16	60.70	60.22	26.1	24.6	33.4	34.1	30	26.5	29.1	35.7	24	87	83	49	57	71	85	72	------
14	60.09	59.78	61.06	59.36	59.08	60.11	59.91	24	24.9	32.3	33.3	29	27.8	28.6	33.7	23.9	91	70	52	62	78	82	72.5	------
15	59.10	58.70	59.42	57.71	57.85	59.46	58.71	25	23.8	32.8	34.3	29.4	27.9	28.9	35.6	23.2	92	95	54	57	75	79	75.3	------
16	58.85	58.58	59.25	57.50	57.22	58.93	58.39	27.3	24.7	32.4	34.4	29.6	26.9	29.2	35.1	24.6	87	94	55	54	79	89	76.3	------
17	57.76	57.56	58.08	56.06	55.98	57.51	57.16	25.5	23.4	32.8	33.1	29.6	27.5	28.6	34	22.9	92	93	56	63	77	86	77.8	------
18	55.85	55.76	56.95	54.90	55.28	56.24	55.83	25.7	24.3	32.9	32.6	29.4	25.6	28.4	33.8	24.1	92	95	61	63	75	90	79.3	------
19	55.38	55.70	57.35	55.85	55.95	57.43	56.28	25	24.4	31.1	32	28.5	24.9	27.6	32.9	24.1	91	94	66	59	73	88	78.5	------
20	56.50	56.56	57.36	55.93	55.51	57	56.48	23.5	22.5	32.1	31.9	28.5	27.3	27.6	32.9	22.1	92	95	60	58	72	76	75.5	------
21	56.27	56.26	57.46	56.06	55.76	57.04	56.48	26.5	25.1	32	31.6	28.5	27.4	28.5	32.8	25.1	80	83	57	59	70	76	70.8	------
22	56.20	56.69	57.48	55.92	55.77	56.97	56.50	26.7	23.6	33	33.4	29.1	28	29	34	23.4	79	90	60	58	74	77	73	------
23	56.04	55.96	56.51	55.16	55	56.42	55.85	27	24.9	33	33.1	29.5	28.1	29.3	34.2	24.6	84	90	59	61	71	79	74	------
24	55.75	56.09	56.65	55.16	55.68	57.76	56.18	26.3	24.6	31.6	32.9	29.1	28.5	28.8	34.2	24.3	86	92	65	58	74	79	75.7	------
25	56.54	57.04	58.13	55.78	56.58	58.02	57.02	26.4	27.9	31.5	33	29.9	28	29.4	33.8	26	84	80	66	62	74	82	74.7	------
26	57.66	58.30	59.28	57.87	58.10	59.12	58.39	25.9	27	32.4	33.6	29.6	28.5	29.5	34.4	24.9	85	84	65	59	71	82	74.3	------
27	58.25	58.14	58.98	57.42	57.23	58.96	58.16	26.4	26	32	34.1	30.5	27.5	29.4	35.1	24.9	89	86	63	58	72	81	74.8	------
28	58.04	58.43	59.35	57.45	57.10	58.81	58.20	25.1	25.5	32.6	33.3	30.4	26.2	28.8	34.2	25	91	80	64	62	73	85	75.8	------
29	57.58	57.81	59	56.99	57.27	59.19	57.97	25.6	25.6	33	34.6	30.9	24.8	29.1	35.6	24.6	90	91	55	54	69	93	75.3	4.8
30	58.08	58.28	59.61	57.44	58.21	59.75	58.56	24.5	25	32.6	34	30.5	27	28.9	34.8	24.4	96	97	57	57	69	83	76.5	------
Mean	58.44	58.56	59.54	57.76	57.81	59.41	58.59	25.6	24.9	32.1	33.1	29.3	27	28.7	34.1	24.2	87.1	87.4	58.7	58.3	73.5	83.5	74.7	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	14.5

Day.	Wind.													Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		Mean force.	6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.		Amount.	Form and direction. Upper.	Lower.	Amount.	Form and direction. Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–10*			*0–10*		
1	SE	1	SSE	1	N	4	NW	4	WNW	3	N	4	2.8	4	Ci.	Cu.	10	Ci. S	Cu. NW
2	NNE	4	ESE	1	N	4	NW	4	NW	4	NNE	3	3.3	8	A.-Cu. SSE	Cu.	2	----------	Cu.
3	SSE	1	N	3	ESE	4	NW	4	NW	4	N	5	3.5	2	Ci.	Cu.	3	Ci.	Cu.
4	NNW	4	N	4	ENE	4	N	4	N	4	N	5	4.2	8	Ci.	Cu. NNE	1	----------	Cu.
5	N	4	N	4	NNE	4	N	4	NW	3	SSE	4	3.8	10	Ci.-S.	Cu. NNE	4	Ci.	Cu.
6	SSE	4	SE	1	SSE	4	WNW	4	NW	4	SSE	4	3.5	10	A.-Cu. S		7	Ci.-Cu. S	Cu.
7	SSE	2	SE	2	ENE	4	N	4	N	4	SSE	1	2.8	10	A.-Cu. SSE	Cu.	8	Ci. WSW	Cu.
8	SE	4	SE	5	SE	5	E	4	NNE	4	NNE	4	4.3	10	A.-Cu. SSE	Cu.	10	Ci.-S. SW	Cu.
9	SSE	4	SSE	3	E	4	E	4	NW	3	E	1	3.2	1	Ci.	Cu.	1	Ci.	Cu.
10	SE	3	SE	3	E	4	NNE	4	NNE	4	N	4	3.7	1	Ci.	Cu.	2	Ci.	Cu.
11	NNE	4	SSE	2	NNW	4	WNW	4	WNW	3	SE	3	3.3	1	Ci.	Cu.	4	A.-Cu. SE	Cu.
12	SSE	4	SSE	4	ESE	4	NNE	4	NNW	4	NE	3	3.8	3	Ci.	Cu.	1	Ci.	Cu.
13	SE	2	SSE	3	E	4	NNW	4	NNW	3	ESE	2	3	4	ci.-Cu. SE	Cu.	4	A.-Cu. E	Cu.
14	SE	1	SSE	4	WNW	4	WNW	4	NW	4	NW	3	3.3	10	Ci.-S. WNW	Cu.	8	Ci.	Fr.-Cu. WNW
15	SE	1	SE	1	E	4	NNW	4	NW	4	N	4	3	10	Ci.-S. SW	Cu.	10	Ci. W	Cu.
16	ESE	1	SSE	1	E	4	NW	4	N	4	S	1	2.5	8	Ci.	Cu. SSE	7	Ci. SW	Cu.
17	SSE	1	SE	2	ENE	4	NW	4	NW	4	S	2	2.8	10	Ci.-S. SW	Cu.	10	Ci.-S. S	Cu. NW
18	SSE	1	SSE	1	NW	3	W	4	W	4	SSW	2	2.5	10	Ci. SW	Cu.	8	Ci. S	Cu.
19	S	3	SSE	2	W	4	W	5	W	4	SSE	2	3.3	4	Ci.	Cu. SW	1	----------	Cu.
20	SSE	1	SSE	1	NW	4	WNW	4	W	4	NW	4	3	4	----------	Cu. NW	1	----------	Cu.
21	NW	3	SW	3	NW	4	W	4	WNW	4	N	4	3.7	4	----------	Cu. NW	1	----------	Cu.
22	N	3	SSE	1	NW	4	NW	4	NW	4	NNW	4	3.3	4	Ci.-Cu.	Cu.	1	----------	Cu.
23	N	2	S	1	E	4	WNW	4	NW	4	N	4	3.2	1	----------	Cu.	1	----------	Cu.
24	SSE	1	SSE	1	NNE	3	W	4	W	4	NNW	3	2.7	7	A.-S.	Cu.	1	----------	Cu.
25	E	2	NNE	4	ENE	4	NNE	4	NNW	4	N	3	3.5	10	A.-Cu.	N.-cf. NE	2	Ci.-Cu.	Cu.
26	ESE	1	N	3	NNW	4	NW	4	NNE	3	E	2	2.8	9	Ci.	Cu. NNE	3	Ci.-Cu.	Cu.-N.
27	Calm	----	SE	2	SE	4	NNW	4	NW	3	S	2	2.5	1	Ci.	Cu.	2	----------	Cu.
28	SSE	1	S	3	WNW	4	NW	4	NW	3	SSE	1	2.7	1	Ci.	Cu.	3	A.-Cu.	Cu.
29	SSE	3	SSE	3	E	4	NW	4	NNW	4	S	1	3.2	2	Ci.	Cu.	2	----------	Cu.-N.
30	S	1	SE	1	E	4	NNW	4	NNW	4	SE	3	2.8	2	A.-Cu.	Cu.	1	----------	Cu.-N.
Mean	-------	2.2	-------	2.3	-------	4	-------	4	-------	3.7	-------	2.9	3.2	5.6	----------	----------	4	----------	----------

BOLINAO.

[$\phi = 16° 24'$ N; $\lambda = 119° 53'$ E; barometer above sea, 9.7 meters; gravity correction not applied, —1.65 mm.]

MAY, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.36	58.60	59.95	57.96	57.70	58.67	58.54	25.7	25.9	32.6	34	30	28.5	29.4	35.1	25.1	87	88	56	57	75	82	74.2	------
2	57.79	57.86	58.26	56.54	56.66	58.51	57.60	25.5	24.9	33	34.4	30.9	29	29.6	35.5	24.4	92	95	51	55	64	78	72.5	0.3
3	57.53	57.42	58.67	56.64	56.53	57.76	57.42	26.5	25.1	33	34	30	28.7	29.6	34.6	24.6	87	92	57	57	71	79	73.8	------
4	56.95	57.08	58.50	57.04	57.12	58.75	57.57	25.7	24.1	33.5	34.7	31	29	29.7	35.7	23.7	84	91	48	52	61	75	68.5	------
5	56.75	57.05	58.26	56.64	56.82	58.42	57.32	26.6	26.1	33.1	35.4	30.6	27.5	29.9	35.9	25.4	83	78	44	40	65	80	65	------
6	57.42	57.85	58.77	57.16	56.87	57.67	57.62	24.9	22.5	33	34.6	30.4	28.8	29	35	21.9	87	89	53	54	65	78	71	------
7	56.57	57.06	57.91	56.74	57.20	58.37	57.31	25.1	25.9	33.9	34.8	30.3	27.5	29.6	35.8	24.9	87	81	49	54	70	84	70.8	------
8	57.44	58.15	58.80	57.28	57.66	59.17	58.08	25.8	26.5	34.5	34.1	31.1	28.3	30	36	25.4	88	87	49	58	72	82	72.7	.5
9	58.37	58.65	59.72	58.13	58.22	59.66	58.79	25.1	26.5	33.9	35.4	31.1	29.1	30.2	36.4	25.1	88	76	48	48	69	78	67.8	------
10	58.56	58.30	59	56.81	57.34	58.75	58.13	26.5	26.1	34.1	37.1	31.4	28	30.5	37.9	25.7	85	79	42	36	63	74	63.2	------
11	57.19	57.13	57.81	56.19	56.71	58.33	57.23	26.4	27.1	33.6	34.2	30	27.1	29.7	37.2	25.8	76	72	48	53	73	86	68	.8
12	57.54	57.52	58.27	56.54	57.62	58.78	57.71	26.9	26.4	32.1	33.6	26.6	27.7	28.9	34.8	26.1	92	94	63	47	77	88	76.8	------
13	57.09	57.02	57.95	57.21	57.35	58.41	57.50	27.1	26.5	30.9	26.1	26.6	24.6	27	31.3	24.1	90	92	69	89	92	95	87.8	8.2
14	56.70	56.61	57.63	55.62	55.58	57.64	56.63	24.3	24.1	26.6	30.6	28.6	26.7	26.8	31.6	23.6	97	97	89	64	75	88	85	2.8
15	56.01	56.07	56.98	55.20	55.87	58.60	56.46	24.3	23.6	31.1	33.1	29.9	25	27.8	33.8	23.4	94	97	67	54	70	95	79.5	6.1
16	57.93	57.66	59.02	57.96	58.73	60.42	58.62	25.1	25.5	31.2	33.5	29.1	26	28.4	33.9	24.9	95	94	66	57	74	95	80.2	5.8
17	59.92	59.08	60.42	58.67	58.33	60.09	59.42	25.6	25.1	31	33.1	31	24.8	28.4	33.6	24.4	88	96	69	59	72	92	79.3	13.5
18	58.93	58.68	58.58	57.50	56.91	58.11	58.12	25.6	25.1	32.5	32.4	30	28.9	29.1	33	24.6	93	92	60	64	74	85	78	------
19	57.43	57.60	58.36	56.60	56.21	58.06	57.38	26.9	26.1	32.5	32.4	30	28.8	29.4	33.7	26	92	95	65	64	75	79	78.3	------
20	57.28	57.64	58.47	56.75	57.01	58.33	57.66	27.4	26	30.4	32.5	29.6	27	28.8	33.6	25.8	86	92	69	64	74	81	77.7	------
21	57.69	57.48	57.65	56.50	57.46	58.43	57.54	26	25.9	32	33	26	24.5	27.9	33.5	23.9	92	92	66	61	85	93	81.5	11.9
22	57.33	57.34	57.86	56.71	57.05	58.63	57.49	25.7	25.3	30.7	32.9	30.4	23.8	28.1	33.5	23.5	98	97	72	64	74	93	83	20.6
23	57.25	57.68	58.25	56.55	56.39	57.90	57.34	25	26	31.1	33	30.6	29	29.1	33.6	23.8	93	90	63	55	65	82	74.7	------
24	57.04	57.58	58.36	57.04	56.77	57.68	57.41	26.6	25.6	32.5	33.3	31.4	29.4	29.8	33.9	25.4	87	88	58	62	65	76	72.7	------
25	57.39	57.97	58.81	57.16	56.99	58.61	57.82	28.7	27.2	32.5	33.6	30.7	28.9	30.3	34.5	27	85	94	63	61	76	83	77	------
26	57.48	57.47	57.92	56.31	55.99	57.70	57.14	27.4	26.6	32.4	32.8	31.5	29.5	30	34	25.6	89	90	66	64	72	86	77.8	3.6
27	56.52	56.32	57.06	54.74	54.71	56.70	56.01	25.5	26	33	34.6	32.4	29.1	30.1	35.4	25.4	93	92	69	65	68	73	76.7	------
28	55.23	55.58	56.31	54.94	55.54	57.62	55.87	27.3	27	32.3	32.6	30.8	24.8	29.1	35.8	24.3	83	77	62	66	70	93	75.2	10.2
29	56.15	55.69	55.99	55.39	55.46	58.06	56.12	25.6	26.6	32	31.5	30	27.4	28.8	32.7	23	93	97	71	73	77	89	83.3	64
30	57.60	57.79	58.08	56.80	56.67	57.95	57.48	23.8	24	27.4	30.6	28.6	25.2	26.6	31.8	23.2	97	99	89	77	79	94	89.2	------
31	57.46	57.49	58.15	56.92	57.07	58.19	57.55	24.5	24.1	31.5	31.9	30.2	26.8	28.2	32.8	23.6	97	98	75	70	74	90	84	------
Mean	57.38	57.47	58.25	56.72	56.86	58.40	57.51	25.9	25.6	32.1	33.2	30	27.4	29	34.4	24.6	89.6	90	61.8	59.5	72.1	84.7	76.3	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	148.3

Day.	Wind.														Clouds.				
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		Mean force.	6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–10*			*0–10*		
1	SE	2	SE	2	ESE	4	NW	4	NNW	4	NNE	3	3.2	2	Ci.	Cu.	4	Ci.	Cu.
2	SE	1	SE	1	ESE	4	NW	4	WNW	4	E	2	2.7	4	Ci.	Cu. SE	4	Ci.	Cu.
3	SSE	2	SSE	2	NNE	3	NNW	4	NW	4	ENE	2	2.8	10	Ci.-S. SSE	Cu.	10	Ci.-S. ESE	Cu.
4	S	2	S	1	SE	4	NNW	4	NNW	4	SE	2	2.8	10	Ci.-S. SE	S.	10	Ci. E	Cu.
5	SE	2	SE	3	SE	5	ENE	4	NW	4	S	2	3.3	1	A.-Cu.	Cu.	1	----------	Cu.
6	S	2	S	2	E	4	NW	4	NNW	4	N	4	3.3	4	Ci.	S.	7	Ci.	Cu.
7	SE	2	SE	3	E	4	NW	4	NW	4	SE	2	3.2	10	Ci. E	Cu.	10	Ci.-S. SE	Cu.
8	SE	2	SE	3	ESE	4	WNW	4	WNW	3	SE	3	3.2	10	Ci.	Cu.	3	Ci.	Cu.
9	SE	2	SE	4	SE	5	N	4	NNW	4	N	4	3.8	1	Ci.	Cu.	3	A.-Cu.	Cu.
10	SE	3	SE	4	SE	5	ENE	4	WNW	3	SE	3	3.7	1	Ci.-S.	Cu.	6	Ci. SSW	Cu.
11	SE	4	SE	4	SE	5	W	4	W	3	ENE	2	3.7	10	Ci.-S.WNW	Cu.	10	Ci.	Cu. SSE
12	ESE	1	SE	2	SSE	5	SSE	5	SSE	4	SE	2	3.2	10	----------	N.-cf.	10	A.-Cu.	Cu. S
13	SE	2	SE	2	SSE	4	S	4	E	1	SSE	4	2.8	10	----------	Cu.-N.	10	----------	Cu.-N.
14	SE	3	SE	3	SSW	4	SSW	4	SE	2	SSE	2	3	10	Ci.-Cu. ENE	Cu.-N.	10	A.-Cu. W	Cu. SSW
15	SE	1	SE	1	E	4	ENE	4	W	3	SE	4	2.8	9	A.-Cu. S	Cu.-N.	10	Ci.-S. NW	Cu.
16	SE	3	ESE	4	E	4	NNE	4	SSE	3	ENE	2	3.3	10	A.-Cu. S	Cu.	6	A.-Cu.	Cu.-N.
17	ESE	2	SE	2	E	4	N	4	NNW	3	SSW	2	2.8	10	Ci.-S. NE	Cu.	10	Ci. NE	Cu.
18	S	1	SE	3	E	4	W	4	W	4	ENE	2	3	1	Ci.	Cu.	3	A.-Cu.	Cu.
19	SE	1	SE	2	E	4	W	4	W	4	W	3	3	4	Ci.-Cu.	Cu. SE	8	----------	Cu. SSE
20	SSE	2	SE	2	S	4	W	4	W	4	SE	4	3.3	6	A.-Cu.	Cu.	10	Ci.-S.	Cu. S
21	SE	2	SE	2	E	4	W	4	S	2	E	2	2.7	10	Ci.-S.	Cu.-N.	4	Ci.-S.	Cu.-N.
22	Calm	----	SSE	1	E	4	N	4	N	4	SSW	3	2.7	10	----------	N.-cf. NNE	10	A.-Cu. E	Cu.
23	SSE	2	SE	3	E	4	E	4	NW	4	NNE	3	3.3	9	A.-Cu.	S.-Cu. NE	10	Ci. E	Cu.
24	SSE	2	SE	4	S	4	WNW	4	NNW	3	N	3	3.3	4	Ci. ENE	Cu.	4	Ci.	Cu.
25	N	3	E	2	S	4	NNW	4	NNW	4	E	4	3.5	2	A.-Cu.	Cu.	3	----------	Cu.-N.
26	SE	1	ESE	2	E	4	N	4	N	4	N	4	3.2	2	Ci.-Cu.	Cu.	6	Ci. ENE	Cu.
27	SSE	2	SSE	2	E	4	N	4	N	4	SSE	4	3.3	5	Ci.	Cu.	10	Ci. N	Cu.
28	SE	2	SSE	4	SE	5	W	4	W	4	SSE	2	3.5	10	Ci.-Cu.NNE	Cu.	10	Ci.	Cu. SSE
29	SE	2	ESE	1	SE	4	W	4	WSW	4	ENE	4	3.2	10	Ci.-S.	N.-cf. SE	10	Ci.	Cu. W
30	S	1	S	1	S	4	WNW	4	W	3	SSE	1	2.3	10	----------	Cu.-N.	10	Ci.-S. NW	Cu.
31	S	1	S	1	N	4	NW	4	W	3	S	2	2.5	10	Ci. NE	S.-Cu.	10	Ci. ENE	Cu.
Mean	-------	1.9	-------	2.4	-------	4.2	-------	4	-------	3.5	-------	2.8	3.1	6.9	----------	----------	7.5	----------	----------

BOLINAO.

[$\phi = 16°\ 24'$ N; $\lambda = 119°\ 53'$ E; barometer above sea, 9.7 meters; gravity correction not applied, —1.65 mm.]

JUNE, 1916.

Day.	Atmospheric pressure, 700 mm. +							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P. ct.*	*mm.*
1	57.71	57.26	57.76	56.62	56.82	58.02	57.36	25.6	25.6	30.4	32.5	28.5	26	28.1	32.9	25	95	95	77	68	82	89	84.3	------
2	56.59	56.33	56.90	55.44	55.73	57.45	56.41	25.8	25.4	30.4	31.5	29	25	27.8	32.4	24.9	90	91	73	70	83	95	83.7	28.7
3	55.81	56.28	57.13	56.65	56.15	57.07	56.52	24.8	25	31.1	31.8	30.1	26.9	28.3	32.8	24.4	97	98	81	75	77	94	87	4.1
4	56.88	56.35	57.22	56.41	56.35	56.82	56.67	26.4	26	31	32.9	30	27.3	28.9	33.1	25.2	95	97	75	72	78	92	84.8	------
5	56.34	56.54	56.83	55.56	55.62	57.25	56.36	27	26.9	31.3	30.4	28.9	25.9	28.4	32	25.8	94	94	76	78	85	95	87	2.8
6	56.57	56.04	55.90	54.60	55.16	56.32	55.76	26.1	25.9	30.9	32.3	29.3	26.9	28.6	32.6	25.4	94	94	76	70	82	94	85	7.1
7	55.52	55.60	55.74	54.19	54.58	56.22	55.31	26.6	26.1	30.9	33	28.5	24.4	28.2	33.5	24.2	95	98	88?	70	89	96	89.3	70.1
8	55.34	55.18	55.29	54.22	54.31	56.03	55.06	25.7	25.1	29	30	28.7	25	27.2	31.4	24.7	97	98	83	78	85	95	89.3	11.9
9	55.03	54.98	54.62	53.72	54.16	56.50	54.84	25	25.1	30	32.6	29.6	25.3	27.9	32.9	24.7	97	97	74	69	81	95	85.5	5.6
10	55.41	55.23	55.68	54.11	53.92	55.37	54.95	25	25.1	29.1	31.1	29	25.1	27.4	32.2	24.9	97	98	78	79	82	92	87.7	.3
11	54.58	54.51	54.77	53.07	53.23	54.69	54.14	24.9	25.4	29.6	30	26.4	25.1	26.9	31.9	24.4	96	97	81	74	89	98	89.2	5.3
12	53.12	52.47	53.64	52.56	52.58	53.42	52.96	24.6	24.9	25.5	27.1	24	24.7	25.1	27.3	23.8	97	97	98	92	98	97	96.5	31
13	51.97	51.62	52.71	52.61	52.47	53.93	52.55	24.7	24.6	25.5	24.4	24.8	24.6	24.8	25.9	23.9	97	98	97	97	98	97	97.3	43.4
14	52.93	53.03	54.13	53.66	53.90	55.14	53.80	24.4	24.6	26.5	28.5	26.5	25.1	25.9	28.9	24.1	97	97	91	88	88	95	92.7	4.1
15	54.22	54.06	54.40	53.52	53.69	54.96	54.14	25.1	24.8	26.1	29.6	27	26	26.4	30.1	24.6	97	99	99	84	95	98	95.3	15.8
16	53.89	53.81	54.62	53.46	53.38	55.35	54.08	25.6	25.5	28.5	30.9	29	26	27.6	31.3	25.3	98	98	83	77	82	94	88.7	2.3
17	54.44	54.50	54.99	53.87	53.90	56.50	54.72	25.7	25.1	28.4	31.1	27.1	24.5	27	31.3	23.4	92	97	85	78	95	98	90.8	93.5
18	55.60	54.90	56.28	55.92	55.91	56.73	55.89	23	24.6	29.1	29.1	28.4	25.5	26.4	30.3	23	99	97	82	88	88	97	91.8	11.7
19	56.44	56.45	56.77	56.15	55.51	56.45	56.30	25.3	24.6	30.4	28.6	27.6	26	27.1	32.1	24	95	95	78	86	92	97	90.5	4.6
20	56.13	55.80	55.99	54.68	54.94	56.14	55.61	24.7	24	29.1	30.5	27	24.8	26.7	30.8	23.4	97	97	78	73	84	95	87.3	6.1
21	55.25	55.46	55.88	55.01	54.97	56.23	55.47	24.6	23.6	29.1	28.6	27	25.6	26.4	30.4	23.5	92	97	81	78	74	87	84.8	3.5
22	55.89	55.95	57.40	56.95	57.02	57.65	56.81	24	24.6	24.6	24	24	22.5	24	25.1	22.4	97	97	95	93	95	96	95.5	16.5
23	57.10	56.92	58.83	57.47	58.04	59.69	58.01	23.9	24	25.8	28.7	27.7	25.6	26	29	23.6	93	90	85	80	83	92	87.2	------
24	58.44	58.20	59.55	58.65	58.83	60.23	58.99	23.9	23	30.1	29.8	28.5	25	26.7	31.6	22.9	93	94	71	74	82	92	84.3	------
25	59.26	59.70	60.50	59.50	59.06	59.94	59.66	23.8	24.8	29	31.1	29	25.5	27.2	31.7	23.6	94	95	83	71	75	90	84.7	.3
26	58.93	59.18	59.61	58.22	58	59.46	58.90	25.6	24.6	29.2	31	30	26.5	27.8	31.3	24.4	93	95	82	69	73	89	83.5	------
27	58.44	58.01	58.62	57.50	57.70	58.80	58.18	26.4	25.6	27.6	28.9	28.4	26.1	27.2	30.2	25.1	93	93	87	85	83	92	88.8	10
28	58.18	58.19	58.91	57.87	57.31	59.20	58.28	25.5	25.4	29.2	31.4	30	26.3	28	31.7	24.9	92	93	79	73	73	90	83.3	------
29	58.77	59.09	59.68	58.45	58.10	59.36	58.91	26.4	25.8	29.4	31.6	29	24.5	27.8	32.6	23.8	91	93	82	74	81	92	85.5	10.9
30	58.33	58.36	58.97	56.77	56.53	58.14	57.85	24.4	24.6	29.6	32.4	30.6	27.9	28.2	33.1	24	95	97	75	68	69	79	80.5	------
Mean	56.10	56	56.64	55.58	55.60	56.97	56.15	25.2	25	28.9	30.1	28.1	25.5	27.1	31.1	24.2	95	95.9	82.4	77.7	84	93.4	88.1	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	389.6

Day.	Wind.														Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		Mean force.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.			Amount.	Form and direction. Upper.	Lower.	Amount.	Form and direction. Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–10*	*0–10*			*0–10*		
1	SSE	2	SSE	2	N	3	NNW	4	ESE	4	SSE	2	2.8	10	Ci.-S. NNE	Cu.	10	Ci.-Cu.	Cu.-N.	
2	SSE	2	SSE	2	SE	4	WSW	4	SW	3	SSE	1	2.7	10	Ci. NNE	Cu.	10	Ci.-S.	Cu.-N.	
3	SSE	1	SSE	1	ESE	4	WSW	4	WNW	3	SSE	1	2.3	10	Ci.-S.	N.-cf. S	10	Ci.	Cu. WSW	
4	SE	1	E	1	NW	4	NW	3	N	4	S	1	2.3	10	----------	Cu.-N.	10	Ci.-S.	Cu.-N.	
5	S	1	SE	2	S	4	WSW	4	S	2	SSE	1	2.3	10	Ci.-S. NNW	Cu.	10	Ci.-S.	Cu.-N.	
6	SE	1	SE	2	ESE	3	W	4	WSW	3	NE	4	2.8	10	----------	Cu.-N.	10	Ci.	Cu.-N.	
7	SSE	1	Calm	----	NNW	4	W	4	WSW	1	S	1	1.8	10	A.-Cu.	N.-cf. NE	6	Ci.	Cu. SE	
8	NE	2	Calm	----	SSE	3	WSW	4	SE	2	SSW	2	2.2	10	----------	Cu.-N.	10	Ci.-S.	Cu. SE	
9	S	1	S	2	SE	4	W	4	WSW	4	S	1	2.7	10	----------	Cu.-N.	10	Ci.	Cu. SSE	
10	SSE	1	SE	1	SE	4	W	4	SW	3	SE	3	2.7	10	----------	N.-cf.	10	Ci.-S.	Cu.-N. SSE	
11	SE	2	SE	2	ESE	4	SE	4	S	4	SSE	3	3.2	10	----------	N.-cf. SSE	10	Ci.-S.	N.-cf. S	
12	SSE	3	SSE	4	SE	2	S	3	SE	3	SE	4	3.2	10	Ci.-S.	Cu.-N.	10	----------	N.	
13	SSE	4	SSE	4	SSE	4	SSE	4	SSE	4	SSE	5	4.2	10	----------	N.-cf. S	10	----------	N.	
14	SSE	4	SE	4	SSE	4	SSE	5	SSE	5	SE	3	4.2	10	----------	N.-cf. SSE	10	----------	N.-cf. S	
15	SE	2	SSE	3	SSE	2	SSE	5	S	3	SSE	3	3	10	----------	N.	10	A.-Cu.	Cu. S	
16	SSE	3	SE	3	S	4	S	5	S	4	S	2	3.5	10	----------	N.-cf. SSE	10	Ci.-S.	N.-cf. SSW	
17	SSE	2	SSE	2	SSE	4	S	5	SSE	4	SSE	4	3.5	10	----------	N.-cf. S	10	A.-Cu.	N.-cf. SSW	
18	SSE	2	SSE	4	SSE	4	S	4	SSE	3	E	1	3	10	----------	N.-cf.	10	----------	Cu.-N.	
19	SE	2	SE	2	S	4	SSW	4	WSW	3	SSE	2	2.8	10	Ci.-S. NE	Cu.	10	----------	Cu.-N.	
20	SSE	3	SSE	4	S	5	S	5	S	4	S	5	4.3	8	A.-Cu. SE	Cu.	10	A.-Cu.	N.-cf. SSW	
21	S	4	S	3	S	4	S	5	S	5	S	4	4.2	10	----------	N.-cf.	10	A.-Cu.	Cu. SSW	
22	SE	3	SE	3	SE	3	SSE	4	SSE	4	SSE	3	3.3	10	----------	N.	10	----------	N.	
23	SE	3	SE	3	SE	2	SSE	3	SSE	2	SE	2	2.5	10	----------	N.-cf.	10	----------	N.-cf.	
24	SE	2	SE	2	SSE	3	W	4	W	3	SSE	2	2.7	10	Ci.-S. NE	S.-Cu.	10	Ci.-S. E	Cu.	
25	SSE	1	SSE	1	W	2	WNW	4	NW	4	SSE	1	2.2	10	Ci. E	Cu.	10	Ci.	Cu.-N.	
26	Calm	----	S	1	WNW	3	W	4	WNW	4	S	2	2.3	10	A.-Cu. SE	Cu.	4	Ci.	Cu. WNW	
27	S	1	S	3	WSW	2	SW	4	SSW	2	SSE	3	2.5	10	Ci.-S.	Cu.-N.	10	----------	Cu.-N.	
28	SSE	2	SSE	2	W	3	W	4	NW	4	SSE	2	2.8	3	Ci.-Cu.	Cu.	4	A.-Cu.	Cu. W	
29	SSE	3	SSE	2	N	3	N	4	N	4	S	2	3	5	Ci.	Cu.	10	A.-Cu. E	Cu.-N.	
30	SSE	1	SE	1	SSE	4	E	4	ENE	4	SSE	4	3	10	A.-Cu. E	Cu.-N.	10	Ci.-S.	Cu. SE	
Mean	-------	2	-------	2.2	-------	3.4	-------	4.1	-------	3.4	-------	2.5	2.9	9.5	----------	----------	9.5	----------	----------	

BOLINAO.

[$\phi = 16°\ 24'$ N; $\lambda = 119°\ 53'$ E; barometer above sea, 9.7 meters; gravity correction not applied, —1.65 mm.]

JULY, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.37	57.29	57.71	56.70	57.17	58.79	57.50	26	24.5	30.4	31.4	26.2	24	27.1	33.3	23.5	88	92	72	70	92	93	84.5	31.7
2	57.85	57.65	58.64	57.87	57.32	58.20	57.92	23.9	24.2	29	28.9	28.7	26.5	26.9	31.2	23.5	95	96	82	79	84	92	88	2.0
3	57.23	57.48	58.26	57.02	57.08	57.73	57.46	24.7	25.2	31.2	31.5	29.9	27	28.2	33	24.4	93	90	71	68	77	88	81.2	------
4	56.80	56.78	56.88	56.10	56.21	57.80	56.76	25.8	25.2	31.6	28.5	28.1	26.5	27.6	32	24.9	89	90	66	75	82	78	80	------
5	57.35	57.28	58.11	57.25	57.08	58.63	57.62	25.8	25.6	30.5	31.2	28.2	27	28	32.3	25.1	84	87	65	66	73	81	76	------
6	58.22	58.61	60.02	58.42	58.43	59.52	58.87	25.8	25.1	25.4	30.6	28.6	26	26.9	31.8	24	88	92	90	69	82	89	85	3.6
7	59.02	59.31	59.61	58.13	57.98	59.06	58.85	25.6	25	30.9	32.4	29.4	27.1	28.4	32.9	24.9	92	93	73	74	75	89	82.7	41.9
8	58.99	58.44	58.52	57.45	57.43	58.53	58.23	25.1	23.8	30.6	30	30.3	26.6	27.7	31.7	23.1	92	95	78	73	74	86	83	------
9	57.66	57.66	58.05	57.16	57.68	58.88	57.85	25.5	25.4	31.5	31	29.1	26.5	28.2	32.3	24.6	90	93	70	72	78	89	82	------
10	58.29	58.24	59.31	58.21	58.67	59.92	58.77	25.1	25.1	30.6	32.4	31	25.6	28.3	33	24.1	92	92	69	65	69	92	79.8	13.7
11	58.35	58.31	59.22	57.88	58.22	59.34	58.55	25.1	25.2	30.7	32.3	27.6	25.5	27.7	33	24.6	93	95	75	69	88	88	84.7	5.6
12	58.38	58.48	58.92	57.80	57.80	59.09	58.41	25.1	25.6	31.4	33	29.2	26.2	28.4	33.8	24.4	92	92	71	59	77	85	79.3	------
13	58.17	58.39	59.66	58.50	57.82	59.06	58.60	25.5	25.6	32.4	33.6	31.6	26.6	29.2	34.5	24.5	91	91	65	64	63	88	77	------
14	58.90	57.91	59	57.70	57.48	59.53	58.42	26.1	25.2	31.1	33.2	30.9	27	28.9	34.1	24.9	92	90	69	65	69	83	78	------
15	58.43	57.69	58.73	57.57	58.26	58.65	58.22	25.3	24.6	29.6	31.1	28.5	25.1	27.4	31.5	24.5	91	91	74	72	78	92	83	------
16	58.16	58.14	58.26	56.90	56.80	58.32	57.76	25	24	31.4	32.6	30.5	26.6	28.4	33.2	23.6	94	95	67	69	72	83	80	------
17	57.74	57.12	57.85	56.30	55.32	57.02	56.89	26.2	25.1	32	33.1	30.6	27	29	33.6	24.7	90	95	70	66	69	78	78	------
18	56.64	56.48	57.27	56.59	56.83	58.45	57.04	25.2	25.6	31.5	31.5	25.5	25.5	27.5	33.5	24.1	90	87	66	70	90	92	82.5	13.5
19	57.33	57.22	57.57	56.32	56.58	58.14	57.19	25	24.3	29.6	31.6	31	23.6	27.5	32.6	23.4	93	95	72	66	67	91	80.7	51.1
20	57.79	57.49	57.51	56.05	56.86	57.98	57.28	24.8	24.2	30	30.9	28.9	25.8	27.4	31.9	24.1	94	96	75	70	74	92	83.5	6.1
21	57.05	56.71	57.64	55.94	55.96	57.50	56.80	25.7	25	28	31.4	27.4	25.4	27.2	31.6	24.3	94	93	85	72	89	95	88	18.8
22	55.88	55.70	56.16	54.72	54.81	55.99	55.54	24.8	24.7	31.2	31.2	28.2	26.6	27.8	32.6	24.4	95	94	72	75	88	92	86	.8
23	54.90	54.76	54.67	53.67	54.01	55.18	54.53	25.6	25.6	31.5	32.9	28.6	26.5	28.4	33.5	25.5	93	95	72	67	85	92	84	------
24	54.91	55.03	55.67	55.15	55.60	56.50	55.48	25.9	25.1	30.2	31.9	28.2	25.6	27.8	32.8	24.9	92	92	77	69	83	88	83.5	2.5
25	55.53	56.04	57.22	56.08	56.27	57.03	56.36	25.1	24.6	28.1	31.5	26	24.5	26.6	31.9	24	91	92	83	70	92	95	87.2	47.5
26	56.14	56.05	56.52	55.67	55.53	56.54	56.08	24.3	24.6	29.4	28.5	26	24.6	26.2	30.7	24	97	95	76	79	89	92	88	24.6
27	55.60	55.30	55.46	54.91	54.82	56.15	55.37	24	23.4	29.3	30.6	28.6	25.6	26.9	31	23.1	95	97	81	76	80	92	86.8	7.6
28	55.53	55.69	55.97	55.18	54.83	56.40	55.60	25	24.6	29	31.3	29.6	26.2	27.6	32.1	24.1	93	95	79	68	72	87	82.3	------
29	55.70	55.38	56.28	55.25	55.40	56.54	55.76	25.9	25	30.1	31.7	29	26.4	28	32.6	24.9	87	90	77	74	78	92	83	14
30	56.06	56.05	56.45	55.47	55.10	57.21	56.06	25.4	25	30.7	31.3	29.1	26.9	28.1	31.9	24.6	92	92	72	77	83	90	84.3	4.3
31	56.75	56.21	56.53	55.28	55.13	57.32	56.20	26.3	25.3	32.1	29.6	29.6	27	28.3	32.7	25.1	92	94	70	78	78	92	84	.8
Mean	57.18	57.06	57.67	56.56	56.59	57.90	57.16	25.3	24.9	30.4	31.4	28.8	26	27.8	32.5	24.3	91.7	92.8	73.7	70.5	79	88.9	82.8	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	290.1

Day.	Wind.														Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		Mean force.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.			Amount.	Form and direction. Upper.	Lower.	Amount.	Form and direction. Upper.	Lower.
		0-12		*0-12*		*0-12*		*0-12*		*0-12*		*0-12*	*0-12*	*0-10*				*0-10*		
1	SE	2	SE	2	SE	4	W	4	E	3	W	3	3	10	A.-Cu. SSE	Cu.		10	Ci.-S.	Cu. SE
2	SE	2	SE	2	SW	3	WSW	4	SE	2	SSE	1	2.3	10	A.-Cu. NE	Cu.		10	A.-Cu. E	Cu.-N.
3	SE	2	SE	3	ENE	4	E	4	E	3	SE	1	2.8	3	Ci.-Cu.	Cu.		10	Ci.-S. NE	Cu.
4	SSE	2	SSE	2	SE	4	SSE	5	SSE	4	SSE	5	3.7	10	Ci.-Cu. EbyS	Cu.		10	----------	N.
5	SSE	4	SSE	5	S	4	SSE	5	S	4	SSE	3	4.2	7	Ci. E	S.-Cu.		9	Ci.-Cu. SSW	Cu. SSE
6	SE	2	SSE	2	S	2	S	3	S	2	SE	2	2.2	10	Ci.-Cu. ENE	Cu.		10	----------	Cu.-N.
7	S	1	SSE	1	E	4	NNW	4	N	3	SSE	2	2.5	10	A.-Cu. E	Cu. SSE		6	----------	Cu.-N.
8	SSW	4	SSE	2	WNW	4	WNW	4	NW	4	S	1	3.2	10	----------	Cu.-N.		8	Ci.-Cu. SSE	Cu.-N.
9	SSE	2	SSE	2	SSE	4	W	4	NW	3	SSE	4	3.2	7	Ci. SW	Cu.		10	Ci.	Cu. SSE
10	SSE	2	SSE	2	E	4	N	4	N	4	NW	4	3.3	4	A.-Cu.	Cu.		5	Ci.	Cu.
11	SSE	2	SSE	2	E	4	NW	4	W	2	SSE	2	2.7	10	Ci. NE	Cu.		2	Ci.	Cu.
12	SSE	2	SSE	3	SE	3	E	4	NNE	4	SSE	3	3.2	10	Ci.-S.NNW	Cu.		10	A.-Cu. SE	Cu.-N.
13	S	1	SSE	2	E	4	NW	3	N	4	S	1	2.5	10	Ci. S	Cu.		4	Ci.-S.	Cu.
14	Calm	----	SSE	3	E	4	SE	3	N	4	S	6	3.3	9	Ci.	S.-Cu.		8	Ci.	Cu. SSE
15	S	3	S	3	SSE	4	W	4	SE	3	SE	1	3	10	----------	Cu.-N.		10	Ci.-S.	N.-cf.
16	S	1	SSE	1	E	3	NNW	3	N	4	NW	4	2.7	10	Ci.-S. W	S.-Cu.		2	Ci.	Cu.
17	SSE	1	SSE	1	ESE	4	E	4	NNW	4	SE	4	3	10	Ci.-S.	N.-cf. NNE		10	Ci.-S. S	Cu.
18	SSE	2	S	3	SE	4	E	4	S	1	S	1	2.5	10	Ci.-Cu. E	Cu.		10	----------	Cu.-N.
19	SSE	2	SE	2	SE	4	W	4	W	2	S	2	2.7	10	ci.-S.NNW	S.-Cu.		10	Ci.-S.	Cu. S
20	S	1	S	1	NW	3	WNW	4	NW	4	S	1	2.3	10	Ci.-S.	Cu.-N.		9	Ci.-S. NE	Cu.-N.
21	NNE	2	SSE	2	NNE	2	W	4	WNW	3	S	4	2.8	9	Ci.-Cu. E	Cu.		10	Ci. ESE	cu. WNW
22	SSE	3	SE	4	SE	4	WSW	4	SSW	1	SSE	1	2.8	4	Ci.	Cu. SSE		9	Ci.	cu. WSW
23	SE	3	SE	4	SSE	4	S	4	S	1	S	1	2.8	10	Ci.-Cu. NNE	Cu.-N.		5	Ci.	Cu. SSW
24	SSE	3	SSE	4	S	4	SSW	4	W	4	SSE	4	3.8	10	----------	Cu.-N.		10	Ci.-S.	Cu. SW
25	SSE	4	SSE	4	SSE	4	SW	4	WSW	3	S	2	3.5	10	ci.-Cu. SW	N.-cf. S		10	Ci.-Cu.	Cu. SW
26	SSE	2	SE	2	S	4	WSW	4	WNW	4	SSE	2	3	10	A.-Cu. SW	Cu.		10	----------	N.-cf. WSW
27	SE	2	SE	1	SSE	3	WNW	4	SW	3	SSW	1	2.3	10	----------	N.-cf.		10	Ci.-S. E	Cu. SW
28	SSE	1	SSW	1	NNE	3	WNW	4	WSW	3	S	1	2.2	10	Ci.-S.	Cu. W		3	Ci.-S.	Cu.
29	SSE	2	SE	3	SE	3	SW	4	S	4	S	1	2.8	7	Ci.-S. E	Cu.		10	A.-Cu.	Cu. SW
30	SSE	3	SSE	2	SE	3	W	4	SSW	2	SSE	2	2.7	10	Ci.-S. E	Cu.		8	Ci.	Cu.-N.
31	SE	2	SE	2	SE	4	WNW	4	W	4	SSE	1	2.8	10	ci.-S. ENE	Cu.		10	Ci.	N.-cf. S
Mean	-------	2.1	-------	2.4	-------	3.6	-------	3.9	-------	3.1	-------	2.3	2.9	9	----------	----------		8.3	----------	----------

BOLINAO.

[$\phi = 16° 24'$ N; $\lambda = 119° 53'$ E; barometer above sea, 9.7 meters; gravity correction not applied, —1.65 mm.]

AUGUST, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.99	57.05	57.57	57.30	57.15	58.35	57.40	26.1	25.7	32	26.2	28.2	26	27.4	32.6	25.4	94	95	75	85	88	92	88.2	21.6
2	58.16	57.63	57.70	56.80	56.85	58.50	57.61	25.1	25	30.2	31.1	28.2	25.8	27.6	31.7	24.5	93	93	77	76	83	93	85.8	24.7
3	58.16	57.98	58.43	56.85	57.23	58.83	57.91	25.7	25	29.1	31.3	28.6	26.2	27.6	31.6	24.6	95	95	82	71	82	87	85.3	------
4	58.20	58.23	58.73	57.97	58.05	59.18	58.39	25.7	25.2	31.2	28.2	26.1	25.6	27	31.6	25	91	92	71	85	92	95	87.7	6.3
5	57.55	57.50	57.87	56.71	56.79	58.34	57.46	25	24.2	29.9	29	25	24.2	26.2	30.9	23.8	87	94	76	86	92	95	88.3	72.3
6	57.65	57.52	57.29	56.18	56.55	57.99	57.20	23.6	23.6	26.3	30.2	25.1	24.6	25.6	30.4	23.3	96	96	90	74	94	95	90.8	42.9
7	57.66	57.47	57.93	56.85	57.24	58.29	57.57	23.4	23.7	28.7	29.6	24.6	24.9	25.8	30	23	97	96	81	78	91	93	89.3	22.1
8	57.30	57.40	58.43	56.82	56.77	57.70	57.40	24.7	24.7	28.9	31.2	27.5	25.8	27.1	31.3	24.4	95	96	86	72	84	90	87.2	8.2
9	56.51	55.99	56.12	55.30	55.25	56.05	55.87	25.2	25	29.2	27.2	27.2	26.8	26.8	29.7	24.8	93	95	82	87	90	92	89.8	16.3
10	53.98	53.31	54.29	53.25	51.89	53.08	53.30	27	26.9	26.1	25.1	26.9	27.1	26.5	27.5	24.8	91	92	94	92	94	92	92.5	34.8
11	52.38	51.94	53.33	52.11	51.77	53.20	52.46	27	26.6	24.6	24.6	25.5	26.1	25.7	27.8	23.6	92	92	96	96	96	95	94.5	107.7
12	52.36	52.19	53.09	52.42	52.22	53.39	52.61	25.6	26.5	28.7	29.5	28.1	27.3	27.6	29.7	25	96	95	86	81	85	89	88.7	14
13	52.67	52.79	53.65	53.49	53.46	55.26	53.55	26.6	26.1	28.6	27.6	27.1	25.6	26.9	30.2	24.9	94	96	88	92	92	93	92.5	18.6
14	55.16	55.06	56.55	56.17	56.19	58.28	56.24	25.7	25.1	26.6	28.9	26.6	25	26.3	29.1	25	93	96	92	79	90	95	90.8	3.5
15	57.29	58	59.52	57.90	57.62	59.46	58.30	24.3	24.8	26.6	29.9	28.9	25.8	26.7	31	23.6	95	94	89	80	80	92	88.3	23.9
16	58.48	58.32	58.22	57.45	57	58.64	58.02	24.9	24.7	30.1	27.7	25.5	24.5	26.2	32	24.1	93	95	75	84	92	96	89.2	30
17	57.35	57.06	57.55	55.83	56.50	57.71	57	24.4	24.1	25.5	28.5	24.1	24.1	25.1	28.8	23.9	96	96	89	78	95	95	91.5	30.4
18	56.21	56.36	56.46	55.29	56.26	57.16	56.29	24.4	24.6	28.6	27	25.8	24.3	25.8	30.1	24	95	94	88	89	92	96	92.3	22.6
19	56.71	56.55	56.89	56.11	55.94	57.30	56.58	24.6	24.2	28.6	28	26.6	24.2	26	29.8	24.1	96	96	89	85	87	92	90.8	90.2
20	56.45	56.97	57.54	57.08	56.69	57.81	57.09	24.6	23.6	26.6	24.5	24.5	23.9	24.6	27.6	22.4	94	97	92	92	92	96	93.8	32.7
21	57.37	57.30	58.54	57.40	58.03	59.71	58.06	23.2	23.1	29.1	30.9	26.6	25.5	26.4	31.1	22.6	96	96	83	71	84	90	86.7	------
22	59.40	59.16	59.88	58.03	58.35	60.58	59.23	24.8	24.1	30.7	31.1	28.8	25.6	27.5	31.5	23.7	92	94	73	72	80	92	83.8	.5
23	59.43	58.69	58.62	57.15	57.01	58.34	58.21	24.6	24.6	29.4	30.6	28.5	25.9	27.3	32	24.4	95	95	79	77	82	92	86.7	------
24	57.09	56.80	57.47	56.52	56.92	58.40	57.20	24.6	24.1	29.9	30.2	27.9	25.7	27.1	31.4	23.8	93	95	77	80	80	92	86.2	2
25	57.38	56.76	57.91	57.58	57.86	59.99	57.91	24.8	24.4	31	30.2	28.4	25.4	27.4	32	24	93	92	72	78	86	92	85.5	2.5
26	58.96	58.29	59.62	58.17	58.37	59.66	58.84	24.8	23.6	30.9	32.1	28.8	27.1	27.9	32.8	23.5	93	95	78	72	79	87	84	------
27	58.39	58.22	59	57.60	57.32	58.52	58.18	27.1	25.3	30.2	32.2	29.2	28	28.7	32.8	25	87	93	82	69	77	82	81.7	------
28	57.90	57.73	58.65	57.42	57.02	57.83	57.76	25	24.5	31.9	32.6	29.8	28.5	28.7	33.2	24	91	93	72	69	75	85	80.8	------
29	56.90	56.92	58.30	57.40	56.90	58.23	57.44	27.9	24.9	31.9	28.5	29.2	27.5	28.3	33.7	24.8	86	93	67	72	76	86	80	------
30	57.65	57.25	58.20	57.48	57.93	59.39	57.98	25.5	25.5	31.2	26	25.3	24.9	26.4	31.9	24.2	92	93	71	85	93	93	87.8	9.7
31	58.40	58.71	59.41	58.08	58.96	59.83	58.90	24.5	24.1	30.7	32	29.1	25.5	27.6	32.2	23.9	94	95	77	70	82	90	84.7	------
Mean	56.97	56.81	57.51	56.47	56.52	57.90	57.03	25.2	24.8	29.1	29.1	27.2	25.7	26.8	30.9	24.1	93.2	94.5	81.6	79.9	86.6	91.7	87.9	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	637.5

Day.	Wind.														Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		Mean force.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.			Amount.	Form and direction.		Amount.	Form and direction.	
																Upper.	Lower.		Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–10*				*0–10*		
1	SE	1	SE	2	ESE	4	S	3	S	2	S	3	2.5	10	Ci. SE	Cu.	10	----------	Cu.-N.	
2	S	2	SSE	3	WSW	3	SW	4	SSW	3	S	2	2.8	10	Ci.-S. ENE	Cu.	10	A.-Cu.	Cu. SW	
3	S	2	SSE	2	WNW	3	SW	4	SSW	3	S	3	2.8	10	----------	Cu.-N.	10	Ci.-S.	Cu. WSW	
4	S	3	SSW	3	SSW	4	SW	3	ENE	2	SSE	2	2.8	10	Ci.-S.	Cu. SW	10	----------	N.	
5	SSE	2	SSE	4	SSE	4	S	2	SW	3	SSW	3	3	10	----------	N.-cf.	10	----------	N.-cf. WSW	
6	S	3	SSE	4	SSE	4	SSW	5	W	4	SSE	4	4	10	----------	N.	10	----------	N.-cf. SW	
7	SSE	3	SSE	4	SSE	4	SW	4	SSE	4	SSE	4	3.8	10	----------	N.-cf.	10	----------	N.-cf. WSW	
8	SSE	4	SSE	4	SSW	4	SSW	5	SSW	3	SSW	2	3.7	10	A.-Cu. SE	N.-cf.	10	Ci.-S.	Cu. SW	
9	SSW	3	SSE	4	SSW	5	SSW	4	SSW	3	SSW	3	3.7	10	----------	N.-cf.	10	----------	N.-cf.	
10	SSW	3	SSW	3	S	3	SW	6	SSW	4	SSW	4	3.8	10	----------	N.	10	----------	N.	
11	SSW	4	SSW	4	SW	4	ESE	4	S	3	SSW	3	3.7	10	----------	N.-cf. SW	10	----------	Cu.-N.	
12	SSW	4	S	4	SSW	5	SSW	5	SSW	5	SSW	5	4.7	10	----------	Cu.-N.	10	Ci.-S.	N.-cf. SW	
13	SSW	4	S	4	SSW	5	SSW	4	SSW	4	SSE	4	4.2	10	----------	Cu.-N.	10	----------	Cu.-N.	
14	SSE	4	SSE	4	SSE	5	S	4	S	3	SSE	4	4	10	----------	N.	10	Ci.-S.	Cu. SW	
15	SSE	3	SSE	4	SSW	4	S	4	S	3	SSE	4	3.7	10	A.-Cu.	N.-cf. SSW	10	Ci.	N.-cf. SW	
16	SSE	3	SSE	4	SSE	4	SSW	4	SSE	4	SSE	3	3.7	10	----------	N.	10	----------	N.	
17	SSE	3	SSE	4	S	2	S	4	S	4	SSE	4	3.5	10	----------	N.-cf.	10	----------	N.-cf.	
18	SSE	4	SSE	4	SSE	4	SW	7	S	4	S	4	4.5	10	Ci.-S.	Cu. SW	10	----------	N.	
19	S	4	SSE	3	SSE	3	SSW	4	SSW	4	SSE	5	3.8	10	----------	N.-cf.	10	----------	N.	
20	SSW	4	SSE	4	NNE	4	SW	5	S	3	SSE	4	4	10	----------	N.	10	----------	N.	
21	SSE	4	SSE	4	SSE	4	S	5	S	2	SSE	3	3.7	10	----------	N.-cf.	10	Ci.-S.	Cu. SSW	
22	SSE	2	SSE	2	SSW	3	WSW	4	SW	2	S	2	2.5	7	Ci.-S.	Cu.	10	Ci.-S. NE	Cu.	
23	SSE	2	SSE	2	W	3	W	4	WNW	4	S	1	2.7	10	ci.-S. ENE	Cu.-N.	10	Ci.-Cu.	Cu. WNW	
24	S	2	SSE	2	WNW	4	W	4	WSW	3	S	1	2.7	7	Ci. NE	Cu.	10	Ci.	Cu.-N.	
25	S	1	SSE	2	SSE	4	NE	3	S	2	SSE	1	2.2	10	Ci.-S. E	Cu.-N.	10	A.-Cu.	N.-cf. SW	
26	SSE	2	SSE	2	ESE	4	N	4	N	4	NNE	3	3.2	10	Ci. ESE	Cu.	8	Ci.	Cu.-N.	
27	NNE	3	ESE	1	E	4	N	4	N	4	NNE	4	3.3	9	Ci.-S.	Cu. NE	6	Ci.-Cu. E	Cu.	
28	SSE	1	SSE	2	NE	4	WNW	4	N	4	N	4	3.2	10	Ci.-S. SE	Cu.	10	Ci.-S.	Cu. NW	
29	NNE	3	SE	2	E	4	SW	4	NNW	4	ESE	2	3.2	9	Ci. E	Fr.-Cu.	10	Ci.	Cu.-N.	
30	SSE	2	SSE	3	W	3	SW	4	S	1	SSE	2	2.5	10	A.-Cu. E	Cu.	10	Ci.	Cu.-N.	
31	SSE	2	SE	2	ESE	4	W	4	SW	3	SSE	2	2.8	10	Ci.-S. NE	Cu.	8	Ci.	Cu. S	
Mean	------	2.8	------	3.1	------	3.8	------	4.2	------	3.3	------	3.1	3.4	9.7	----------	----------	9.7	----------	----------	

BOLINAO.

[$\phi = 16° 24'$ N; $\lambda = 119° 53'$ E; barometer above sea, 9.7 meters; gravity correction not applied, —1.65 mm.]

SEPTEMBER, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.93	59.15	60.02	58.15	58.16	59.25	58.95	24.5	24.1	31	31.2	28.7	26.4	27.6	33.3	23.8	93	95	73	73	78	92	84	------
2	58.18	57.76	57.90	56.42	56.45	56.79	57.25	25.4	24.9	32.1	31.9	29.5	26.5	28.4	33.3	24.7	92	92	72	69	79	91	82.5	------
3	55.76	55.23	55.18	53.87	53.51	54.68	54.70	25.4	24.6	28.5	27	25.1	25.5	26	28.7	24.4	92	95	86	89	92	93	91.2	157.2
4	53.32	52.92	53.19	52.02	52.84	54.03	53.05	24.3	24.2	27.9	27	25.5	24.1	25.5	28.1	24	97	98	91	92	93	96	94.5	56.2
5	53.53	53.63	55.46	54.68	55.41	57.30	55	23.8	24.2	24	24.9	23.4	23	23.9	25.3	23	97	98	96	96	97	98	97	229.4
6	56.28	55.68	57.25	55.41	56.03	58.13	56.46	23.1	23.2	27.1	29.9	27.4	26.1	26.1	31.1	22.1	97	96	87	77	82	89	88	.3
7	56.65	56.99	58.15	56.61	57.33	59.17	57.48	25	24.6	31.1	32.9	28.5	26.6	28.1	33.3	24.6	92	92	71	61	85	92	82.2	------
8	57.73	57.49	58.76	57.65	57.42	58.54	57.93	25.8	24.4	30.6	32.1	28.6	27.4	28.2	32.8	24.3	88	96	74	72	80	84	82.3	1.3
9	57.37	57.07	57.81	56.10	56.37	57.90	57.10	26.3	25	30.5	30	28.4	26.8	27.8	32.3	25	90	97	78	80	85	89	86.5	.3
10	57.13	57.39	58.20	56.10	56.94	58.01	57.30	25.6	24.1	31	32.4	26.6	25	27.4	33.3	24.1	90	96	72	68	87	93	84.3	2.8
11	57.34	57.49	58.20	56.82	56.61	58.93	57.56	24.2	24.5	30.9	32.4	29.1	27	28	33.4	24.1	96	96	73	66	78	89	83	6.9
12	58.43	58.99	59.56	57.76	58.20	59.51	58.74	24.7	24.5	30	30.5	25.6	25	26.7	32.7	24.3	92	93	73	69	88	92	84.5	.8
13	58.81	57.99	58.42	57.10	56.94	58.24	57.92	24.8	24.6	30.5	31.6	28.6	23.4	27.2	31.8	23.2	93	95	74	68	78	91	83.2	67.3
14	57.35	56.87	57.42	55.72	55.82	56.43	56.52	23.1	23.6	29.5	29.6	27.6	25.2	26.4	30.6	22.9	95	96	81	81	89	94	89.3	------
15	56.44	54.89	55.84	54.91	55.25	57.12	55.58	25	25.2	28.5	29.2	25.7	24.6	26.4	30.6	24.6	95	95	79	80	87	87	87.2	------
16	56.20	56.50	57.18	56.28	56.83	58.54	56.92	24.5	24.6	29.4	28.6	26.1	24.6	26.3	31.8	24.4	87	87	72	78	87	93	84	3.3
17	57	56.51	56.78	56.46	56.54	57.89	56.86	24.2	24.1	27.6	30	26.6	23.6	26	30.8	23.3	91	92	80	73	87	91	85.7	3.1
18	56.52	55.71	57.31	55.72	56.02	57.11	56.40	23.7	22.5	30.3	31.6	27.6	24.6	26.7	32.8	22.4	95	96	77	67	81	92	84.7	------
19	56.48	55.90	56.60	55.58	56.15	57.37	56.35	24.1	23.5	30	31.2	28.1	25.2	27	32.3	23.3	95	96	78	75	88	91	87.2	1.5
20	56.89	56.69	57.65	56.27	56.46	57.70	56.94	25	24.5	30	31.6	28.5	25.2	27.5	32.8	24.3	92	93	78	69	85	92	84.8	------
21	56.50	55.93	56.50	55.25	55.40	56.63	56.04	24.8	24.7	31.1	32	29.4	26.6	28.1	32.5	24.4	95	96	79	70	78	92	85	6.9
22	55.14	54.85	55.47	53.79	53.47	55	54.62	25.7	25.8	28	29.6	26.6	27.1	27.1	30.7	25	95	95	89	79	92	89	89.8	23.8
23	53.59	52.93	53.69	51.30	51.04	52.16	52.45	26.5	26.6	30.2	32.1	27.4	25.3	28	32.8	25.2	90	92	81	71	89	93	86	6.1
24	51.28	50.96	51.63	49.95	49.86	50.36	50.68	25.1	24.7	28.1	26.6	25.1	25.3	25.8	28.8	24.5	95	96	89	89	94	94	92.8	84.1
25	49.53	49.55	51.73	50.62	51.23	52.86	50.92	24.9	24	24.3	24.6	24.1	24.3	24.4	25.4	23.6	87	96	97	95	97	96	94.7	123.9
26	52.06	52.83	54.10	53.33	54.42	55.76	53.75	24.2	24	27	26.7	23.6	24.7	25	29.2	23.5	95	96	85	90	95	95	92.7	44.9
27	55.01	55.51	57.21	55.48	55.45	56.46	55.85	24.6	24.4	25	25.1	24.9	24.4	24.7	27.3	24	95	97	97	92	94	96	95.2	36.6
28	55.77	56.02	56.72	55.87	55.74	56.76	56.15	24	24.1	24	24.4	24.1	24	24.1	24.6	23.4	97	97	97	97	97	97	97	41.6
29	55.52	55.75	56.25	54.64	54.87	56.26	55.55	23.6	22.7	28.4	30.5	26.2	24.2	25.9	31.6	22.5	97	97	82	76	91	94	89.5	1.8
30	54.99	55.47	57.24	56.48	56.79	58.53	56.58	24.1	24.5	28.9	27	26.1	25.6	26	31.5	23.6	94	92	79	85	87	91	88	3.1
Mean	55.82	55.69	56.58	55.21	55.44	56.78	55.92	24.7	24.3	28.8	29.5	26.8	25.2	26.5	30.8	23.9	93.3	94.9	81.3	78.2	87.3	92.2	87.9	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	902.2

Day.	Wind.														Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		Mean force.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.			Amount.	Form and direction.		Amount.	Form and direction.	
																Upper.	Lower.		Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*		*0–10*			*0–10*		
1	SE	1	SE	1	NNE	3	NW	4	N	4	SSE	1	2.3		10	Ci.-Cu. N	Cu.	10	Ci.-S.	Cu. NNW
2	SE	2	SE	2	N	3	N	3	WSW	3	SSE	1	2.3		10	Ci.-S. E	Cu.	10	A.-Cu. E	Cu.
3	SSE	2	SSE	2	SW	4	SW	4	W	4	W	4	3.3		10	Ci.-S.	Cu. WNW	10	----------	N.-cf.
4	SW	3	SSW	2	SW	4	WSW	4	SSE	2	SSE	5	3.3		10	----------	Cu.-N.	10	----------	N.
5	SSE	5	SSE	5	SSE	5	SSE	4	S	4	S	7	5		10	----------	N.-cf.	10	----------	N.
6	SSE	5	SE	5	SE	4	SE	4	SSE	4	SSE	4	4.3		10	A.-Cu. SW	Cu. S	10	A.-Cu.	N.-cf. SSE
7	SSE	3	SE	2	SSE	4	SSE	4	Calm	----	S	1	2.3		10	Ci.-S. NE	Cu.	10	Ci.-S.	Cu. SSE
8	SSE	3	SE	1	NNW	3	NW	4	NW	4	N	3	3		10	A.-Cu. NE	S.	10	Ci.	Cu. NW
9	SSE	2	S	1	SE	3	NW	3	E	1	SSE	4	2.3		10	Ci.	Cu.-N.	9	A.-Cu.	Cu.-N.
10	SSE	4	SE	1	SE	4	NNW	4	SE	2	S	1	2.7		10	Ci. SW	Cu.	10	Ci.-S. SE	Cu.
11	S	1	SSE	1	ESE	4	N	4	NNE	3	SSE	2	2.5		10	Ci. E	Cu.	10	Ci.	Cu.-N.
12	SSE	2	SSE	2	SSE	4	SW	4	SSE	3	SE	2	2.8		10	Ci. NE	Cu.-N.	10	A.-Cu. SSE	Cu.-N.
13	SE	2	SE	2	NE	3	NNW	4	NW	4	S	2	2.8		10	ci.-cu. NE	Cu.	2	A.-Cu.	Cu.
14	S	1	S	1	SE	3	NNW	2	SSW	1	S	1	1.5		10	----------	Cu.-N.	10	----------	N.-cf.
15	S	1	SE	2	SSE	4	S	4	SSE	4	SSE	5	3.3		10	A.-Cu.	N.-cf. SE	10	A.-Cu.	N.-cf.
16	SSE	5	SE	3	SSE	4	S	4	SSW	2	SSE	5	3.8		10	Ci.-S.	Cu. SSE	10	----------	N.
17	SSE	5	SSE	5	SE	4	NW	4	S	1	S	3	3.7		10	----------	N.-cf.	10	----------	N.-cf.
18	Calm	----	SSE	1	NNW	3	N	4	W	1	S	1	1.7		10	Ci. NNW	Cu.	10	A.-Cu. W	Cu.
19	S	1	S	1	NE	3	E	3	SW	1	SSE	2	1.8		10	Ci.-S. N	Cu.	10	Ci.	N.-cf. S
20	SSE	3	SE	2	NE	3	WNW	4	WSW	1	SE	2	2.5		2	Ci.-Cu.	Cu.	8	A.-Cu. WNW	Cu.
21	SSE	1	SSE	1	WNW	4	WNW	4	W	3	SSE	1	2.3		10	Ci.	Cu. WNW	10	Ci.	Cu. WNW
22	Calm	----	SSE	1	N	4	NNW	4	WNW	3	NNW	4	2.7		10	Ci.-S.	N.-cf. NW	10	----------	Cu.-N.
23	N	4	N	4	NNW	2	NW	3	S	2	SSE	3	3		10	Ci.-Cu.	Cu. NNE	10	Ci.-S.	Cu.
24	SSE	1	SSE	1	SE	2	SW	2	SSE	3	SSE	4	2.2		10	----------	N.-cf. SSE	10	----------	N.
25	SSE	4	SSE	4	SSW	3	SSE	4	SSE	4	SSE	5	4		10	----------	N.	10	----------	N.
26	SSE	5	SSE	5	SE	5	SSE	4	S	4	SSE	5	4.7		10	----------	N.-cf.	10	----------	N.
27	SSE	5	SSE	4	SE	4	SE	4	SSE	4	SSE	4	4.2		10	----------	N.	10	----------	N.
28	SSE	3	SSE	3	S	2	SSE	2	S	2	SSE	2	2.3		10	----------	N.	10	----------	N.
29	SSE	1	SSE	1	ESE	3	N	4	SE	1	SSE	4	2.3		10	Ci.-Cu. ENE	Cu.	5	Ci.-Cu. E	Cu.
30	SE	4	SE	4	SE	4	SSW	3	SSE	3	S	2	3.3		10	A.-Cu.	Cu. SE	10	----------	N.
Mean	------	2.6	------	2.3	------	3.5	------	3.6	------	2.6	------	3	2.9		9.7	----------	----------	9.5	----------	----------

BOLINAO.

[$\phi = 16° 24'$ N; $\lambda = 119° 53'$ E; barometer above sea, 9.7 meters; gravity correction not applied, —1.65 mm.]

OCTOBER, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58	57.31	58.08	57.35	57.98	59.74	58.16	24.9	24.4	30.2	31.6	28.5	25.1	27.4	32	24.1	92	95	74	70	79	92	83.7	
2	58.62	58.31	59.33	57.35	57.73	58.78	58.35	25.4	25.1	31.5	31.6	28.6	27.9	28.4	32.5	24.5	93	93	72	72	80	84	82.3	
3	57.38	57.72	58.83	56.80	57.69	58.32	57.79	27.1	26.6	29.2	32.1	28.4	25.5	28.2	32.9	25.2	85	89	84	69	79	88	82.3	11.9
4	57.52	57.99	59.27	57.11	57.65	58.51	58.01	24.9	24.5	28.4	29.6	26.5	25.5	26.6	30.8	24.3	92	95	82	78	89	93	88.2	10.2
5	58.15	57.95	59.08	57.20	57.29	58.30	58	25	24	27.4	25	24.6	24.1	25	29.6	23.6	93	96	86	92	95	97	93.2	90.9
6	57.16	57.21	57.79	56.33	56.37	57.41	57.04	23.9	23.5	28.6	24.8	24.2	24.1	24.8	30.8	23.4	95	96	80	93	91	92	91.2	38.4
7	56.11	56.82	58.12	56.52	56.90	58.69	57.19	22.9	23.6	28.6	30	26.6	24.4	26	30.9	22.6	93	94	76	73	90	93	86.5	.5
8	57.90	57.75	58.56	57.05	57.17	58.20	57.77	24.3	24.1	30	32.1	27.9	25.9	27.4	32.6	24	95	97	75	70	84	92	85.5	
9	57.38	57.64	58.48	57.53	57.24	58.96	57.87	25.3	24.9	28.8	26.5	26.1	25.6	26.2	29.3	24.6	93	93	80	87	94	95	90.3	41.1
10	57.88	58.02	59	57.50	58.05	59.31	58.29	25	24.4	24.2	24.6	24.2	23.6	24.3	25.6	23.4	96	97	97	92	91	93	94.3	46.4
11	58.53	58.83	59.61	57.42	57.69	58.76	58.47	23.1	23.7	28	31.2	26.6	25.1	26.3	31.6	22.9	95	96	85	66	79	92	85.5	10.4
12	57.79	58.20	58.77	57.28	57.44	58.98	58.08	24.6	23.6	30.6	31.6	27.6	27	27.5	32.1	23.3	94	96	72	72	82	84	83.3	
13	58.13	58.24	59.21	57.71	57.73	58.78	58.30	26.8	26.7	30.6	31.5	28	26.7	28.4	32.1	25.3	86	88	76	72	82	89	82.2	
14	58.05	57.84	58.96	57	56.94	58.15	57.82	24.9	24.4	30.9	32.1	28.1	26	27.7	33.2	24.1	92	92	71	69	83	92	83.2	
15	57.23	56.64	57.99	56.27	56.39	58.10	57.10	25	24.1	29.7	31.6	28.6	26.6	27.6	32.9	24.1	85	93	79	68	76	92	82.2	
16	56.18	56.09	57.04	55.03	55.82	56.96	56.19	25.3	24.8	30.6	32.1	27.1	25.5	27.6	32.6	24.6	92	93	76	66	84	89	83.3	
17	55.94	55.84	56.88	55.51	55.70	57.11	56.16	24.9	24.7	29.6	24.2	24.5	24.4	25.4	30	24.1	86	92	81	94	93	94	90	19.6
18	56.41	56.86	58.08	56.20	56.38	57	56.82	24.4	24.4	28.2	30	25.6	25	26.3	30.1	24	95	95	83	78	92	92	89.2	
19	55.87	56.27	56.76	55.78	56.57	57.23	56.41	25.3	25.2	29.4	30.9	26.2	25.4	27.1	31.1	24.6	88	87	75	77	94	93	85.7	12.4
20	56.14	56.37	57.76	55.78	56.83	58.29	56.86	24.5	24.7	30.4	32.1	28.6	26.5	27.8	33.4	24	93	92	77	69	75	86	82	
21	57.46	57.94	59.42	57.88	58.57	59.08	58.39	25	24.6	31.2	31.6	28.1	25.6	27.7	33	24.3	88	88	68	72	86	90	82	.8
22	58.14	57.49	58.84	57.38	57.19	57.88	57.82	25	25	28.2	28.6	27.1	25.5	26.6	29.1	24.1	88	88	77	78	87	90	84.7	
23	56.75	57.42	58.46	56.85	57.03	58.71	57.54	23.6	22.6	31	32	27.6	25.8	27.1	32.2	22.4	91	93	67	70	77	88	81	
24	57.54	58.42	59.98	57.56	58.18	60.01	58.62	24.9	24.9	31	32.1	28.9	26.8	28.1	32.9	24.6	90	90	71	69	80	91	81.8	
25	58.41	58.38	59.17	57.30	58.03	60.12	58.57	25.1	25.1	31.6	33.6	29.1	27	28.6	34.7	24.8	93	93	66	59	74	80	77.5	
26	59.71	60.12	60.87	58.57	58.97	60.79	59.84	25.7	25.2	31.6	33.2	28.3	24.9	28.2	33.7	24.9	85	87	63	60	70	86	75.2	
27	59.62	59.65	60.38	58.40	58.11	59.20	59.23	24.8	24.2	31.2	32	28.6	25.2	27.7	32.6	23.4	88	90	68	66	75	88	79.2	
28	58.08	57.82	59.25	56.82	57.56	58.77	58.05	24	23	31.4	33	29	25.2	27.6	33.4	22.5	91	91	67	61	75	92	79.5	
29	58.26	58.39	59.77	58.33	58.23	59.34	58.72	24.9	25.1	31.2	32.4	28.7	26.4	28.1	33.2	24.8	88	88	62	64	78	86	76.8	
30	58.95	59.16	59.98	58.20	58.17	58.59	58.84	24.6	23.1	31.9	32.6	29.1	25.7	27.8	33.1	22.9	92	95	65	63	76	90	80.2	
31	57.84	57.86	58.46	56.47	56.56	57.07	57.38	24	23.1	31	31.6	28.1	28	27.6	32.5	22.8	91	95	63	65	79	85	79.7	
Mean	57.65	57.78	58.78	57.05	57.38	58.55	57.86	24.8	24.4	29.9	30.6	27.4	25.7	27.1	31.8	23.9	90.9	92.5	74.8	72.7	82.7	89.9	83.9	
Total																								282.6

Day.	Wind.														Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		Mean force.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.			Amount.	Form and direction.		Amount.	Form and direction.	
																Upper.	Lower.		Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–10*				*0–10*		
1	SSE	3	SE	3	SSE	4	W	4	SW	1	S	1	2.7	1	Ci.		Cu.	2	Ci.	Cu.
2	SSE	1	ESE	1	N	4	NNW	4	NNW	4	NNW	4	3	10	Ci.		Cu. NNE	10	Ci.	Cu. NNW
3	NNW	3	NNW	2	N	3	N	4	NNE	4	SSE	2	3	10	A.-Cu. NE		Cu.	10	Ci.	Cu.-N.
4	SSE	3	SE	2	SE	4	WNW	4	N	4	SE	2	3.2	10	----------		N.-cf.	10	Ci.-S.	N.-cf.
5	E	3	SE	1	S	3	SE	4	SE	3	SE	4	3	10	----------		N.-cf.	10	----------	N.
6	SE	4	SE	3	SE	4	SSW	3	SSE	2	SSE	4	3.3	10	----------		N.-cf. SSE	10	----------	N.
7	SSE	4	SE	3	ESE	4	ENE	4	SSE	1	SSE	1	2.8	8	Ci.-S. ENE		Cu.	10	Ci.-S.	N.-cf. SSE
8	S	1	S	1	N	4	NNW	4	N	3	S	2	2.5	10	----------		N.-cf.	10	A.-Cu.	Cu. NNW
9	S	2	S	3	SW	3	WNW	4	SSW	1	S	1	2.3	10	----------		N.-cf.	10	----------	N.
10	S	1	S	2	S	2	SW	4	SSW	3	SSE	4	2.7	10	----------		N.	10	----------	N.-cf. SW
11	SSE	3	WNW	4	E	3	N	3	NW	3	ESE	1	2.8	10	----------		N.	10	A.-Cu. S	Cu.
12	SSE	1	SSE	1	NNE	4	N	4	N	4	N	4	3	10	Ci.-S. NE		Cu.	10	Ci.-S. NE	Cu.
13	NNE	4	NNE	4	NNE	4	N	4	N	4	NNE	2	3.7	10	Ci. NE		Cu.	10	Ci.	Cu. NNE
14	SE	2	SE	3	SE	4	N	3	E	2	SE	2	2.7	10	Ci. NE		Cu.	10	Ci.-S.	Cu.
15	SE	2	ESE	2	N	3	NNW	4	NW	4	SE	2	2.8	10	Ci. SSW		Cu.	2	Ci.	Cu.
16	SE	2	SE	4	SE	4	E	3	SE	3	SSE	2	3	10	Ci.-S. WNW		Cu.	10	A.-Cu. E	Cu.-N.
17	SSE	2	SSE	3	SSE	4	S	4	SSE	3	SSE	4	3.3	10	----------		N.-cf.	10	----------	N.
18	SE	4	SE	4	SE	4	SSW	4	SE	4	SE	5	4.2	10	A.-Cu. W		Cu.	10	----------	N.-cf.
19	SE	5	SE	5	SE	4	SSE	1	SE	2	SSE	1	3	10	Ci.-Cu. SW		N.-cf.	10	----------	N.-cf. SSE
20	SE	2	SE	3	ESE	4	ENE	4	NE	4	SE	3	3.3	10	Ci.-S. NE		Cu.	10	Ci.-S. NW	Cu.
21	SE	4	SE	4	ESE	4	N	4	ESE	1	SE	3	3.3	10	Ci. NE		Cu.	10	Ci. NE	Cu.
22	SE	4	SE	5	SE	4	SE	4	SE	2	SSE	2	3.5	10	----------		N.-cf.	10	----------	N.-cf.
23	SSE	1	S	1	ESE	4	N	4	NE	4	SE	2	2.7	10	Ci.-S. ESE		S.	10	A.-Cu.	N.-cf. ENE
24	SE	3	SE	4	ESE	4	NNW	4	NNE	4	SSE	1	3.3	10	Ci.-S. SE		Cu.	9	Ci.	Cu.
25	SE	3	SE	3	SE	5	SE	5	SE	4	SE	4	4	4	Ci.		Cu.	2	Ci.-Cu.	Cu.
26	SE	4	SE	4	SE	4	NNE	4	SE	4	SSE	2	3.7	6	Ci.-Cu. E		Cu.	2	Ci.-Cu.	Cu.
27	SE	2	SE	2	ESE	3	NNW	4	N	4	SSE	1	2.7	10	Ci. SE		Cu.	7	Ci.	Cu.
28	SE	1	SE	2	SE	4	NNW	4	NNW	3	SE	1	2.5	1	Ci.-S.		Cu.	6	Ci.-S. E	Cu.
29	SE	4	SE	4	SE	4	N	4	N	4	SW	2	3.7	1	Ci.		Cu.	1	----------	Cu.
30	SSE	1	S	1	NNE	4	NNW	3	N	4	S	1	2.3	2	Ci.		Cu.	7	ci.-cu. ENE	Cu.
31	SE	1	ESE	1	ENE	4	NNW	4	S	1	NNE	3	2.3	1	Ci.		Cu.	7	Ci.-Cu. E	Cu.
Mean		2.6		2.7		3.8		3.8		3		2.4	3	8.2				8.2		

BOLINAO.

[$\phi = 16°\ 24'$ N; $\lambda = 119°\ 53'$ E; barometer above sea, 9.7 meters; gravity correction not applied, —1.65 mm.]

NOVEMBER, 1916.

Day.	Atmospheric pressure, 700 mm. +							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	mm.
1	56.21	56.19	56.81	55.08	55.56	56.75	56.10	25.2	24.2	31.9	32.1	28.6	25.6	27.9	32.4	24	88	90	64	68	76	88	78.2	------
2	55.93	56.29	57.26	55.53	55.94	57.76	56.45	24	23.2	31	32.4	28.6	25.9	27.5	33.3	23.1	91	94	62	58	73	85	77.2	------
3	57.21	57.41	58.65	56.87	57.32	59.07	57.76	23.5	24.3	31.4	32.6	28.6	28.1	28.1	33.3	22.3	83	83	63	58	71	77	72.5	------
4	58.10	58.38	58.61	56.45	56.11	57.74	57.55	26.2	24	30.6	32	28.6	26.1	27.9	32.5	23.8	90	93	73	66	75	87	80.7	------
5	57.19	57.29	58.30	55.90	55.72	56.68	56.85	24.3	25	31.6	32	28.4	27.6	28.2	32.5	24	91	93	66	66	76	81	78.8	------
6	56.13	56.58	57.87	55.88	55.73	56.89	56.51	24.3	24.3	30.6	31.6	28	27.9	27.8	32.2	23.6	91	95	73	63	73	74	78.2	------
7	56.24	56.79	58.07	55.96	55.93	57.14	56.69	27.2	27.1	30.2	31.2	27.9	27.2	28.5	31.4	26.9	80	80	65	60	72	73	71.7	------
8	56.04	56.15	57.92	56.43	56.68	57.99	56.87	27	26.7	31.6	31.9	28.2	27.6	28.8	32.3	25.7	75	80	68	66	83	81	75.5	------
9	57.31	57.77	59.35	57.50	57.32	58.62	57.98	24.7	24.5	31	32	28.4	28.1	28.1	32.9	24	95	95	67	66	76	84	80.5	2.8
10	58.20	58.48	59.71	57.60	57.61	58.42	58.34	25.4	25.1	30.7	31.1	27.9	27.6	28	31.8	25	92	92	69	66	74	77	78.3	------
11	57.87	57.98	59.37	57.80	57.78	59.26	58.34	26.7	25	30.8	31.5	27.2	25.7	27.8	31.7	24.5	80	84	56	55	73	88	72.7	------
12	58.75	58.98	60.41	58.46	58.34	59.91	59.14	23.8	22.7	30.6	31	28.1	25.3	26.9	31.7	22.4	88	87	62	62	71	82	75.3	------
13	59.62	59.90	60.87	59.33	58.85	60.09	59.78	22.9	21.2	30.4	31.5	27.9	26.1	26.7	31.9	20.9	86	91	60	56	71	82	74.3	------
14	59.11	59.53	60.16	58.08	58.23	59.43	59.09	23.3	22.5	30.6	31.1	27.9	27	27.1	31.6	21.4	84	86	59	60	73	77	73.2	------
15	58.30	58.08	58.17	56.38	56.55	57.40	57.48	27	26.6	29.5	29.6	27.2	27	27.8	30.1	26.4	77	76	68	67	77	75	73.3	------
16	56.08	56.40	57.30	54.75	54.98	56.31	55.97	26.4	26.2	28.2	28.2	26.4	26.2	26.9	29.1	25.9	79	82	74	76	81	84	79.3	------
17	55.78	56.03	57.05	55.19	55.75	57.22	56.17	26	26.2	29.1	29.2	26.9	26.7	27.4	30.1	25.8	84	84	71	74	83	86	80.3	------
18	57.08	57.70	59.03	56.53	56.88	58.19	57.56	26.7	26.7	28.5	30	27.5	26.9	27.7	30.5	25.8	86	86	78	74	84	90	83	------
19	57.46	57.74	58.92	57.01	57.53	58.50	57.86	25.4	24.1	30.6	32	28.1	25.8	27.7	32.5	23.9	92	93	72	66	80	90	82.2	------
20	57.49	57.10	58.61	56.66	57.12	58.36	57.56	24.6	24.1	29.9	31.6	27.7	25.5	27.2	32.5	23.9	90	95	73	71	82	88	83.2	------
21	57.88	57.73	58.78	57.58	57.81	59.34	58.19	25.5	25	29.4	27	25.6	24.8	26.2	30.6	24.6	88	97	75	87	87	93	87.8	2.5
22	58.04	58.15	59.60	57.80	58.03	59.78	58.56	24.6	24.3	30.7	31.6	28.2	26	27.6	31.8	24.1	92	93	67	62	83	92	81.5	.5
23	57.78	57.70	58.79	57.11	57.45	58.49	57.89	24.9	24.4	28.2	30.6	26.7	25	26.6	31.3	28.7	95	96	80	81	89	87	88	4.8
24	57.75	58.25	59.08	57.27	57.14	58.18	57.94	23.4	24.5	31	29.2	27.6	27.4	27.2	31.7	22.2	95	92	65	70	84	80	81	------
25	57.30	57.39	58.41	55.86	56.03	57.06	57.01	25	24.4	30.6	31.6	27.7	24.3	27.3	32.3	23.8	90	93	72	66	82	91	82.3	------
26	55.93	55.97	56.77	54.57	54.83	55.81	55.65	23.5	24.2	29.5	31.1	28.4	25.4	27	31.9	23	95	95	71	62	76	88	81.2	------
27	55.44	56.05	57	55.13	55.24	56.28	55.86	24.1	23.6	30.1	30.5	27.9	27.6	27.3	30.7	22.1	93	93	71	68	79	80	80.7	------
28	56.64	56.07	57.24	55.39	55.57	56.86	56.13	27.4	26.9	28.9	28.9	26.7	26.3	27.5	29.5	25.8	81	81	75	72	77	79	77.5	------
29	56.26	56.69	58.34	56.15	56.99	58.50	57.16	25.7	25.4	27.4	28	25.6	25.1	26.2	28.3	25	80	80	70	68	75	73	74.3	------
30	57.66	58.15	59.49	57.53	57.95	59.16	58.32	24.9	24.5	26.5	27.1	24.7	24.6	25.4	28	22.9	72	70	62	65	72	72	68.8	------
Mean	57.19	57.43	58.53	56.59	56.77	58.04	57.43	25.1	24.7	30	30.7	27.6	26.3	27.4	31.4	24	86.8	88.3	68.4	66.5	77.6	82.8	78.4	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	10.6

Day.	Wind.														Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		Mean force.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.			Amount.	Form and direction. Upper.	Lower.	Amount.	Form and direction. Upper.	Lower.
		0–12		0–12		0–12		0–12		0–12		0–12	0–12		0–10			0–10		
1	SE	2	SE	3	N	4	NW	4	N	4	SE	1	3		3	A.-Cu.	Cu.	1	A.-Cu.	Cu.
2	SE	1	SE	1	SE	4	ESE	4	N	4	SSE	2	2.7		1	A.-Cu.	Cu.	1	A.-Cu.	Cu.
3	SE	4	SE	4	SE	4	E	4	N	4	N	4	4		1	Ci.	Cu.	1	A.-Cu.	Cu.
4	SSE	1	SSE	1	E	4	N	4	N	4	S	1	2.5		4	Ci.	Cu. NNE	1	Ci.	Cu.
5	S	1	SE	2	SE	3	NW	4	N	4	N	3	2.8		10	Ci.	Cu. NE	9	Ci.	Fr.-Cu. NW
6	SSE	1	SSE	1	NNW	4	NW	4	N	4	N	4	3		10	Ci. SE	Cu.	9	Ci. SE	Cu.
7	N	4	N	4	N	4	N	4	N	5	N	5	4.3		10	Ci.	Cu. NNE	10	Ci.	Fr.-Cu.NNE
8	N	5	N	4	N	4	NNW	4	N	4	N	3	4		10	Ci. SE	Cu.	10	Ci.	Cu.NNW
9	S	1	SE	1	SE	4	NW	4	N	4	N	4	3		10	Ci. SE	Cu.	10	Ci. E	Cu.
10	SSE	2	SE	3	SSE	3	N	3	N	4	N	4	3.2		10	Ci.-S. NNE	Cu. SSE	10	A.-Cu.SSW	Cu.
11	N	4	SSE	2	E	4	ENE	4	N	4	S	1	3.2		10	Ci.-S.	Cu. S	10	Ci. E	Cu.
12	SE	2	SE	3	ESE	4	N	4	N	4	SSE	4	3.5		6	Ci.	Cu.	7	Ci. NE	Cu.
13	SE	2	SE	2	NW	4	N	4	N	4	SSE	4	3.3		2	Ci.-Cu. ENE	Cu.	1	----------	Fr.-Cu.
14	SE	3	SE	3	N	4	N	4	N	4	NNE	3	3.5		1	----------	Fr.-Cu.	1	----------	Fr.-Cu.
15	N	5	N	5	N	6	N	6	N	6	N	7	5.8		10	Ci.	Cu. NNE	6	Ci.-Cu.	Fr.-Cu.NNE
16	N	6	NNE	6	NNE	6	NNE	7	NNE	7	NNE	7	6.5		10	Ci.-S.	Cu. NNE	10	Ci.	Cu. NNE
17	NNE	5	N	5	NNE	5	NNE	5	NNE	5	N	5	5		10	----------	N.-cf. NNE	8	Ci.	Cu. NNE
18	N	5	N	4	N	4	N	4	N	4	SE	1	3.7		10	A.-Cu.	Cu. NNE	10	Ci.-Cu.	Cu. NNE
19	SE	1	SE	2	SE	4	NW	4	N	4	S	1	2.7		2	A.-Cu.	Cu.	4	A.-Cu.	Cu. NW
20	SE	3	ESE	1	ENE	3	NW	4	SE	2	SE	3	2.7		7	Ci. SW	Cu.	10	Ci.	Cu. NW
21	NNE	3	Calm	----	NW	3	SW	3	SE	2	SE	2	2.2		10	Ci.-S.	Cu. NNE	10	Ci.-S.	Cu.-N.
22	SE	3	SE	2	ESE	3	NW	4	NNW	4	SE	4	3.3		10	Ci. NNE	Cu.	10	Ci.-S. E	Cu.
23	SE	2	SE	2	ESE	3	SSE	4	SE	1	SE	3	2.5		10	----------	N.-cf.	10	A.-Cu.	N.-cf.
24	SE	1	SE	2	SE	4	ENE	3	NE	3	N	4	2.8		10	A.-Cu. SE	Cu.	10	A.-Cu.	N.-cf.
25	S	1	S	2	NNE	3	N	4	NE	3	S	1	2.3		10	A.-Cu. NW	Cu.	8	Ci.-Cu. W	Cu.
26	SE	1	SE	1	N	4	NNW	4	NNW	4	SE	3	2.8		9	Ci.-Cu.	Cu. NE	1	Ci.	Cu.
27	SE	1	SE	2	N	4	N	5	N	6	N	6	4		4	Ci.	Fr.-Cu.NNE	10	Ci.	Cu. NNE
28	N	6	N	7	N	7	N	7	N	7	N	7	6.8		10	A.-Cu.	Cu. NNE	4	Ci.	Cu. NNE
29	N	7	N	7	N	7	N	7	N	7	N	6	6.8		8	Ci.	Cu. NNE	3	Ci.-S.	Cu. NNE
30	N	6	N	5	N	5	N	5	N	5	N	5	5.2		10	A.-Cu. SE	Cu.	10	Ci.-S.	Cu. NNE
Mean	------	3	------	2.9	------	4.2	------	4.4	------	4.2	------	3.6	3.7		7.6	----------	----------	6.8	----------	----------

BOLINAO.

[$\phi = 16° 24'$ N; $\lambda = 119° 53'$ E; barometer above sea, 9.7 meters; gravity correction not applied, −1.65 mm.]

DECEMBER, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.21	58.53	59.61	57.39	57.64	58.01	58.23	24.1	23.6	26.6	28.1	25.2	24.6	25.4	28.5	23.5	71	69	57	58	76	75	67.7	------
2	57.31	57.51	58.73	56.75	56.88	57.39	57.43	24.6	24.6	26.6	28	26	26	26	28.6	24.4	77	77	71	69	78	81	75.5	------
3	56.39	57.19	58.61	57.96	58.19	59.50	57.97	25.6	25.6	27.4	26.2	25.2	24.1	25.7	27.6	23.9	83	83	74	84	90	91	84.2	0.3
4	58.59	58.55	59.23	57.33	57.80	58.43	58.32	23.7	23.4	30.1	30.3	27.5	26.2	26.9	31.5	23	91	94	66	66	82	90	81.5	------
5	57.56	57.42	58.27	56.14	56.52	57.64	57.26	23.4	22.6	30.2	31.5	27.6	24.2	26.6	31.8	22.2	95	96	75	65	81	91	83.8	------
6	57.01	57.17	58.18	56.46	56.38	57.69	57.15	23.3	22.5	30.6	31.5	27.6	24.6	26.7	31.8	21.9	91	91	64	58	73	87	77.3	------
7	57.21	57.11	58.58	56.86	57	57.94	57.45	23.3	24.1	30.5	31.1	27.8	27.9	27.4	31.9	22.9	90	91	64	63	77	85	78.3	------
8	57.25	57.33	58.13	56.12	56.23	57.59	57.11	25.2	24	30.1	31.6	27.9	27	27.6	32.1	23.9	92	91	68	68	83	84	81	2.5
9	56.40	56.87	58.41	56.37	56.73	58.19	57.16	26.6	25.7	30.3	32	28.1	26.1	28.1	32.9	25.3	87	95	68	61	82	91	80.7	------
10	57.71	57.89	59.07	57.02	57.64	58.45	57.96	24.4	24.2	30.7	32	27.6	25.3	27.4	32.3	23.8	91	93	69	66	81	89	81.5	------
11	57.68	57.61	58.53	56.97	57.26	58.48	57.76	23.7	23.1	30.6	31.7	28.1	27.4	27.4	32.3	22.8	91	94	63	65	79	84	79.3	.3
12	57.97	57.79	58.47	56.62	56.63	58.34	57.64	25.2	23.4	30.6	31.2	28	26.7	27.5	32.5	23.1	90	93	65	64	79	89	80	------
13	58.09	58.16	59.47	57.47	57.48	58.51	58.20	23.8	21.3	30.5	30.9	28.5	24.6	26.6	31.7	21	91	93	68	64	76	87	79.8	------
14	57.80	57.86	59.08	57.23	57.18	58.03	57.86	23.7	22.7	30.9	31.5	28.1	27.2	27.4	32.1	22.1	90	92	64	63	80	82	78.5	------
15	56.95	57.15	58.52	56.12	56.54	57.28	57.09	24.3	23	31.2	31.6	28.1	27.5	27.6	32.4	22.5	88	93	67	63	82	84	79.5	------
16	56.35	56.50	57.89	55.37	55.59	57.05	56.46	24.6	23.1	31	30.1	28.1	25.6	27.1	32	22.9	92	95	63	68	79	88	80.8	------
17	56.33	56.50	57.57	55.61	56.33	57.28	56.60	24.6	23.6	30	31.8	28.2	26.6	27.5	32.5	23.6	90	91	71	67	82	89	81.7	.3
18	55.98	56.30	57.46	55.25	55.62	56.94	56.26	24.3	24.1	30.9	32.1	28.1	27.3	27.8	32.8	23.6	90	91	64	65	82	87	79.8	------
19	55.81	56.39	57.73	55.51	56.42	57.54	56.57	25.3	24.5	30.5	32.5	28.6	27.7	28.2	33.1	23.6	90	90	72	66	80	84	80.3	1.3
20	56.93	56.89	57.82	55.58	56.47	58.10	56.96	24.1	24	30.2	32.5	28.5	26.1	27.6	32.9	23.5	94	95	71	61	82	89	82	------
21	57.96	58.14	59.08	56.98	56.89	58.10	57.86	24.2	24.1	29.8	31.2	27.9	27	27.4	31.8	22.6	91	91	69	64	77	87	79.8	------
22	57.29	57.29	58.09	56.45	56.97	58	57.35	24.1	23.3	29.5	32	28.4	26.1	27.2	32.5	23.1	91	95	66	57	79	85	78.8	------
23	57.23	57.26	58.39	56.67	56.74	57.65	57.32	24.7	23.7	30.5	31.1	28	26	27.3	32	23.5	88	86	64	64	76	85	77.2	------
24	57.20	57.12	58.03	56.52	57.36	58.58	57.47	23.4	23.1	29.9	31.5	27.9	25	26.8	31.7	22.3	91	95	75	66	78	92	82.8	.3
25	58.20	58.55	59.45	57.76	57.94	58.55	58.41	22.8	21	29.5	31.6	27.7	27.2	26.6	31.8	20.7	93	95	71	65	79	83	81	------
26	57.81	57.83	58.51	56.72	57.12	57.85	57.64	24.6	23.7	31.2	30.7	28	25.7	27.3	31.9	23.5	90	95	66	65	74	84	79	------
27	57.60	57.68	58.35	56.79	57.25	57.84	57.58	22.3	21.6	29.1	31.2	27.9	27.2	26.6	31.8	20.8	88	92	71	64	77	75	77.8	------
28	57.54	57.97	59.09	57.05	57.69	58.44	57.96	24	23.6	30.2	31	27.4	25	26.9	31.8	23.3	87	78	55	51	64	68	67.2	------
29	57.42	57.43	58.21	56.63	57.29	58.64	57.60	24.2	23.1	28.1	29.2	26.1	25	26	29.6	22.6	74	75	60	60	72	76	69.5	------
30	57.50	57.40	58.66	57.29	57.28	58.19	57.72	24.1	23.6	24.6	25.9	25.5	25.9	24.9	26.5	23	79	83	88	85	84	78	82.8	3.1
31	57.09	57.39	58.45	56.11	56.93	58.38	57.39	25.9	25	28.2	30.6	27.7	24.3	27	31	23.3	81	88	80	65	77	90	80.2	------
Mean	57.30	57.44	58.51	56.62	56.97	58.02	57.48	24.3	23.5	29.7	30.8	27.6	26	27	31.5	23	88	89.7	68	64.8	78.7	84.8	79	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	8.1

Day.	Wind.														Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		Mean force.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.			Amount.	Form and direction.		Amount.	Form and direction.	
																Upper.	Lower.		Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–12*	*0–10*			*0–10*		
1	N	5	NNE	5	N	5	N	5	N	6	N	6	5.3	7	Ci.-S. SSE	Cu.	8	Ci.		Cu. NNE
2	N	6	N	6	N	5	N	5	N	5	N	5	5.3	10	Ci.-S.	Cu. NNE	10	Ci.-S.		Cu. NNE
3	N	5	NNE	4	SSE	4	ESE	2	SSE	1	SE	1	2.8	10	----------	N.-cf. NE	10	----------		N.-cf.
4	SSE	2	SE	1	N	4	N	4	N	4	ESE	1	2.7	10	Ci.	Cu. NNE	10	Ci. E		Cu.
5	SE	1	SE	1	E	4	NNW	4	NNW	4	SE	1	2.5	1	Ci.	Cu.	2	A.-Cu.		Cu.
6	SE	2	SE	2	ESE	4	N	4	NNW	3	S	2	2.8	1	Ci.	Cu.	1	Ci.-Cu.		Cu.
7	SE	2	SE	3	E	4	N	4	NNW	4	N	4	3.5	1	Ci.	Cu.	1	----------		Cu.
8	SE	1	E	2	N	4	N	4	N	5	N	5	3.5	10	Ci.-Cu.	Cu. NE	7	Ci.-Cu.		Cu. NNE
9	N	4	E	1	ESE	4	ESE	4	NE	3	ESE	2	3	7	Ci.-Cu. E	Cu.	10	Ci.		Cu. SSE
10	SSE	2	SSE	2	NNE	4	NW	4	N	4	S	1	2.8	10	Ci. SE	Cu.	6	Ci.-S.		Cu.
11	SSE	1	SSE	1	E	4	NNE	4	N	4	NE	3	2.8	10	Ci. SSE	Cu.	5	A.-Cu.SSE		Cu.
12	SSE	3	SE	2	ESE	4	N	4	N	4	E	2	3.2	8	Ci.-Cu.	Cu. NNE	1	Ci.-Cu.		Cu.
13	S	1	E	1	NNE	4	N	4	NW	4	S	2	2.7	10	Ci. NW	Cu.	10	Ci.-Cu.NW		Cu.
14	SSE	2	SSE	2	NW	3	N	4	NW	4	NE	2	2.8	10	Ci. NW	Cu.	10	Ci. SE		Cu.
15	SSE	1	SSE	1	E	4	NNW	4	N	4	N	4	3	10	Ci.	Cu. NNE	10	Ci.-S. SW		Cu.
16	SSE	1	SE	1	NNW	4	NNW	3	NNE	3	SE	1	2.2	10	A.-Cu. SE	Cu.	10	Ci.-Cu. S		Cu.
17	SE	2	SE	2	NNE	3	NNW	4	N	4	SE	2	2.8	10	Ci.-S. SW	Cu.	10	Ci.		Cu.
18	SE	2	SE	3	SE	4	N	4	NNE	4	NE	3	3.3	10	Ci.-Cu. SE	Cu.	10	Ci.-S. SW		Cu.
19	SE	1	SE	2	E	4	N	4	N	4	N	4	3.2	7	Ci. SW	Cu.	6	Ci.-Cu.		Cu. NNE
20	SE	1	SE	1	SE	4	ESE	4	N	4	SE	1	2.5	8	Ci.-Cu. SE	Cu.	10	Ci. S		Cu.
21	SSE	2	SSE	3	SE	4	NNW	4	N	4	SE	1	3	10	Ci.-S. S	Cu.	10	Ci.-S. S		Cu.
22	SE	1	SE	2	SSE	4	NW	4	SE	1	SE	2	2.3	6	A.-Cu.ENE	Cu.	10	A.-Cu.SSE		Cu.
23	SE	2	SE	4	E	4	N	4	NNW	4	SE	2	3.3	2	Ci.-Cu.	Cu.	1	Ci.-Cu.		Cu.
24	SE	1	SE	1	NNE	3	NW	4	SSE	3	SE	1	2.2	9	Ci.	Fr.-Cu. NNE	10	Ci.-S.SSW		Cu.
25	SE	1	SE	1	NNE	4	NNW	4	NW	4	NNE	4	3	10	Ci.-S.	Cu. SE	10	Ci.-S.		Fr.-Cu.NNW
26	SE	3	SE	1	NNE	4	N	4	N	4	SE	4	3.3	10	Ci.-Cu. S	Cu.	8	Ci.		Fr.-Cu.NNE
27	SE	2	SE	2	NNW	4	N	4	N	4	NNE	4	3.3	8	Ci.-S. SW	Cu.	10	Ci.-S. SW		Cu.
28	SE	2	SE	4	SE	4	ESE	4	SE	4	SE	5	3.8	7	Ci.-Cu.SSE	Cu.	10	Ci.-S. SW		Cu.
29	SE	4	SE	3	SE	4	SE	4	SE	4	SE	4	3.8	10	----------	N.-cf.	10	----------		N.-cf.
30	SE	4	SE	3	SSE	2	SSE	2	N	4	N	4	3.2	10	----------	N.-cf.	10	----------		N.
31	NNE	3	ESE	2	SE	3	N	4	NNW	3	SE	1	2.7	10	A.-Cu.	N.-cf. S	3	Ci.-S.		Cu.
Mean	-------	2.3	-------	2.2	-------	3.9	-------	3.9	-------	3.8	-------	2.7	3.1	8.1	----------	----------	7.7	----------	----------	----------

BAGUIO.[a]

[ϕ=16° 25′ N; λ=120° 36′ E; barometer above sea, 1,512.5 meters; gravity correction not applied, —1.65 mm.]

JANUARY, 1916.

Day.	Atmospheric pressure, 600 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	mm.
1	36.78	36.30	37.13	35.03	35.68	36.07	36.16	16.1	16.2	20.8	18.7	17.1	15.8	17.4	24	15.3	89	85	67	98	94	100	88.8	
2	34.97	34.61	35.71	33.47	34.10	34.39	34.54	16.1	16.6	19.7	20.2	18.3	17.5	18.1	21.3	15.4	100	87	76	66	77	82	81.3	0.5
3	33.92	34.24	35.02	34	34.07	35.19	34.41	17.2	16.6	18.7	20.5	17.6	17.5	18	22.7	16.4	84	93	82	76	89	86	85	.8
4	34.81	35.93	37.81	36.31	37.13	38	36.66	16.5	16.5	19	20.2	17.6	16.3	17.7	23.6	15.5	94	94	81	78	94	100	90.2	4.8
5	37.14	37.12	38.18	36.99	37.73	38.09	37.54	15.6	16.2	21.2	18.9	17.1	15.5	17.4	22.6	15	100	92	69	87	92	98	89.7	2.6
6	36.85	37.01	38.15	37.12	37.77	37.95	37.48	15.2	15.5	19.6	22.7	17	16.1	17.7	23.8	14.7	86	74	35	51	92	92	71.7	
7	37.52	37.50	38.13	37	37.66	38.14	37.66	16.3	16.6	22.7	19.6	18.1	16.9	18.4	24.4	15	83	73	60	89	99	99	83.8	
8	37.51	38.19	39.40	38.23	39.03	39.68	38.67	16.4	15.9	21.5	21.7	18.3	15.6	18.2	24.3	15.3	98	88	64	80	95	100	87.5	1.6
9	39.43	39.77	40.53	38.93	39.26	39.96	39.65	15.8	16.5	23.4	21.9	18	16.4	18.7	24.2	15.1	90	62	55	80	90	94	78.5	
10	39.16	39.61	40.87	39.03	39.20	39.98	39.64	16.7	16.5	21.6	21.2	17.6	16	18.3	23.6	15.3	86	62	69	77	83	79	76	
11	39.43	39.59	40.56	38.89	39.15	39.71	39.56	15.9	15.9	21.9	22	17.1	16	18.1	23.7	14.5	77	74	51	69	75	77	70.5	
12	38.75	38.80	39.88	38.06	38.39	38.79	38.79	15.3	15	21.5	21.5	17.4	16.4	17.8	23.6	14.1	76	76	54	78	74	78	72.7	
13	37.88	37.87	39.30	37.89	37.89	38.57	38.23	14.7	14.7	19.8	21.1	16.6	14.7	16.9	23.2	13.6	86	78	52	48	75	85	70.7	
14	37.74	37.41	38.51	36.61	36.68	37.25	37.37	14.5	14.9	20.9	19.8	17	15.7	17.1	22.5	13.4	79	66	53	83	93	79	75.5	
15	36.15	35.65	36.58	34.90	35.15	35.80	35.70	16.3	16	19.8	18.9	17	15.4	17.2	21.8	14.2	69	72	60	88	89	90	78	
16	34.85	34.60	36.09	34.98	35.18	36.13	35.30	14	13	18.9	17.2	13.5	11.3	14.6	20.4	10.4	91	91	63	85	78	82	81.7	
17	35.48	35.53	36.92	35.25	35.76	36.86	35.97	10.2	10.3	15.4	15.5	12	10.7	12.4	19.2	9.7	80	60	52	81	76	78	71.2	
18	36.36	36.26	37.31	36.04	36.64	37.71	36.72	9.2	9.9	16.4	18.3	13.2	11.8	13.1	20.2	8.6	86	66	54	71	92	89	76.3	
19	37.35	37.17	38.34	36.85	37.12	37.57	37.40	11	10.2	16.9	18	13.9	11.5	13.6	19.1	10.1	85	76	60	72	70	88	75.2	
20	36.62	36.66	37.60	35.90	36.23	36.58	36.61	10.6	11	17.7	17.1	14	12	13.7	19.3	10.1	92	83	60	78	91	95	83.2	
21	35.84	36.09	37.11	35.75	35.74	35.34	35.93	10.9	9.9	15.9	17.2	13.6	12.1	13.3	18.8	9.7	95	80	62	76	90	94	82.8	
22	35.31	35.66	37.05	35.19	35.78	36.16	35.86	11.8	12.3	19.8	21.8	17.9	15.8	16.6	23.3	11.5	95	82	55	63	81	95	78.5	
23	35.28	35.67	36.58	35.48	36.42	37.22	36.11	14.6	14.2	18.8	16.7	15.5	15.6	15.9	21.1	13.2	100	94	78	96	98	96	93.7	
24	36.50	36.55	37.45	35.72	36.30	37.35	36.64	15.7	15.2	19	21	16	13.8	16.8	23.2	13.2	92	96	66	54	74	90	78.7	
25	35.59	37.19	38.84	37.26	37.24	37.94	37.51	12.9	13	17.9	21.6	16.9	14.2	16.1	23.6	12.6	91	83	62	72	74	90	78.7	
26	37.35	37.05	38.51	37.04	37.13	38.07	37.53	13.1	13.5	22	18.9	17.6	15.9	16.8	23.7	12.7	99	91	55	84	73	87	81.5	
27	37.12	37.16	37.76	36.05	36.68	36.98	36.96	15.3	16.4	20.4	24.2	17	16.3	18.3	26.1	14.5	95	83	63	68	92	85	81	.3
28	36.29	36.50	37.19	35.61	36.29	36.61	36.42	15.8	15	21.1	21.1	17.4	16.1	17.8	24.6	15	85	82	61	81	89	92	81.7	.3
29	35.84	35.57	36.64	35.04	35.20	35.80	35.68	14.9	14	20.2	23.1	17	15.6	17.5	24.3	13.8	91	82	39	65	80	78	72.5	
30	35.40	34.70	36.74	35.03	35.01	35.93	35.64	14.5	13.3	13.2	15.5	14.8	14.8	14.4	16.1	12.4	77	78	85	68	76	78	77	3.4
31	34.91	35.03	36.09	34.49	34.42	35.30	35.04	14.1	13.4	15.4	15	14.9	14.8	14.6	16.4	12.2	88	99	80	92	96	87	90.3	8.9
Mean	36.62	36.71	37.81	36.27	36.65	37.26	36.88	14.4	14.3	19.4	19.7	16.4	15	16.5	22.2	13.3	88.4	80.7	62	75.9	85.2	88.5	80.1	
Total																								23.2

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	Km.	Km.	Km.	Km.	0–10			0–10		
1	E	E	E	W	S	NE	45.3	91.4	68.4	64.9	270	1		S.-Cu.	10		Cu.-N.
2	NE	E	ESE	E	E	E	55.3	61.5	80	133.8	330.6	10		S.-Cu.	9	Ci.-S.	Cu.-N.
3	E	E	E	SE	E	E	88.2	141.6	120.7	256.4	606.9	10		N.	10	Ci.-S.	cu.-N. ESE
4	SE	SE	ESE	SE	SE	SE	177	155	86.4	117.3	535.7	10		Cu.-N.	9	A.-Cu.SSE	Cu.-N. SE
5	E	E	SE	E	E	SE	181.8	202.4	66.5	129.3	580	2		Cu.-N.	9	Ci.-S.	N.
6	E	ESE	E	SW	SE	E	158.8	144	58.5	85	446.3	0	Ci.	Cu.	2	Ci.	Cu.
7	E	E	SE	WSW	NW	E	73.2	89.1	50.1	50.7	263.1	0		S.-Cu.	10		Cu.-N.
8	E	E	ESE	SW	S	NE	83.4	105.1	72.9	81.8	343.2	0	Ci.	S.-Cu.	9		Cu.-N.SW
9	E	E	SE	SW	S	E	78.9	79.1	71.9	51.8	281.7	0	Ci.	Cu.	9		Cu.-N.
10	N	SE	WSW	SW	S	SE	22	67.1	81.5	78.1	248.7	0	Ci.	Cu.	9		Cu.-N.SW
11	SE	SE	SE	WNW	SW	SE	57.6	89.9	58.7	52	258.2	0		Cu.-N.	3	Ci.-S.	Cu.
12	E	SE	SE	W	SE	SE	42.6	75.1	64.7	75.3	257.7	0	Ci.	Cu.	4	Ci.-S.	Cu. SSW
13	E	E	E	N	SE	E	93.2	123.3	81.5	121.2	424.2	2		S.-Cu.	4	Ci.-S.	Cu.
14	E	SE	ESE	W	SE	E	60.4	75.6	68.6	89.8	294.4	8		S.-Cu.	9		Cu.-N.
15	W	N	W	W	SE	E	30	37.5	37	109.6	214.1	10		Cu.-N.	10	Ci.-S.	Cu.-N. E
16	E	SE	E	W	ESE	E	105.2	92.5	89.6	120.1	407.4	7		Cu.-N.	10		cu.-N. SSW
17	E	SE	ESE	W	ESE	SE	116.4	87.7	84	105.4	393.5	7		S.-Cu.	10		Cu.-N.
18	SE	SE	ESE	W	W	SE	79.2	94.3	82.4	50.1	306	6		S.-Cu.	6	Ci.-S.	Cu. SSE
19	NE	SE	E	SW	SE	E	54.4	98.2	81.1	144.5	378.2	0	Ci.	Cu.	8	Ci.	Cu.-N. S
20	E	SE	SE	SW	SW	E	125.8	81.5	80.7	44.1	332.1	7	Ci.-S.	S.-Cu.	10		Cu.-N.
21	SE	SE	E	WSW	SE	E	73.4	46.2	73.5	121.7	314.8	6		S.-Cu.	8	Ci.-S.	Cu. E
22	E	E	SE	WSW	S	SE	110.7	93.9	70	94.3	368.9	4	Ci.-S.	S.-Cu.	2	Ci.-S. SSE	Cu.
23	E	E	WSW	W	NE	NE	96.6	47.7	75.9	74.6	294.8	0	Ci.	Cu.	10		Cu.-N.
24	S	E	ESE	SE	ESE	SE	50.5	88.5	97.9	141.9	378.8	7	Ci.-S.	S.-Cu. SE	4	Ci.	Cu. E
25	SE	E	ESE	WSW	ESE	E	137.4	121.7	55.2	123.9	438.2	1		S.-Cu.	5	Ci.-S.	Cu. SE
26	E	E	ESE	W	SE	SE	112.3	93.1	75.9	45.7	327	0	Ci.	S.-Cu.	10		
27	E	SE	E	SW	E	E	59	125	57.4	122.9	364.3	7		Cu.-N.	9	A.-Cu.	Cu.-N.
28	E	E	E	SW	SE	SE	68.4	79.4	66.2	96.4	310.4	4	Ci.-S.	S.-Cu.	9		Cu.-N.
29	E	ESE	ESE	NW	E	SE	114.9	119.3	60.4	132.6	427.2	1	Ci.	S.-Cu.	7	A.-Cu.	Cu. S
30	SE	E	ESE	SE	E	E	152.3	177	141.6	104.6	575.5	10		N.	10	Ci.-S.	Fr.-N. SSE
31	N	NE	NW	SE	W	NW	111.5	90.6	51.5	68.6	322.2	10		N.	10		N.
Mean							91	90.2	74.5	99.6	364.3	4.2			7.9		
Total											11,294.1						

[a] The barometric readings of this station are not reduced to sea level.

BAGUIO.

[$\phi = 16°\ 25'$ N; $\lambda = 120°\ 36'$ E; barometer above sea, 1,512.5 meters; gravity correction not applied, −1.65 mm.]

FEBRUARY, 1916.

Day.	Atmospheric pressure, 600 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	34.69	34.57	35.85	34.34	34.02	35.28	34.79	14.5	13.8	20.5	21.8	17.4	15.8	17.3	22.4	13.2	86	84	62	71	85	89	79.5	------
2	34.71	34.91	36.12	34.55	34.71	35.44	35.07	14.9	15	18	17.5	16	16.4	16.3	20	14.5	94	90	75	90	94	90	88.8	8
3	34.86	34.93	36.19	34.50	34.96	35.48	35.15	15.8	15.6	17.6	17	15.7	15.6	16.2	18.6	15.1	96	97	92	94	99	98	96	18
4	34.98	34.84	35.96	34.57	34.33	35.17	34.97	15.4	14.8	16.3	17.5	15.9	13.7	15.6	19.4	13.5	95	98	94	99	93	97	96	9.1
5	34.72	34.86	36.21	34.90	34.99	35.94	35.27	12.5	11.5	16.5	21.5	15.4	13.7	15.2	21.8	11	95	89	78	27	65	57	68.5	------
6	35.48	35.77	36.67	34.97	34.92	35.01	35.47	13	12.1	19	20.2	14.9	12.8	15.3	20.9	11.7	63	65	50	71	89	98	72.7	------
7	34.52	34.24	35.23	33.90	33.56	34.08	34.26	12.2	12.1	15.6	20.3	14.8	12.3	14.6	20.4	11.4	96	89	71	64	76	79	79.2	------
8	33.51	33.63	35.13	34.16	34.35	35.27	34.34	11.6	11	16.8	19.4	14	11.6	14.1	20	10.2	74	85	56	60	88	95	76.3	------
9	35.03	35.86	37.30	35.68	36	37.19	36.18	10.4	11.2	18	20.2	14.3	13.7	14.6	20.8	10.5	88	89	48	63	93	89	78.3	------
10	36.86	37.19	38.43	37.15	37.05	38.07	37.46	13.6	13	18.4	20.1	16	14.7	16	21.6	12.5	84	83	69	76	89	81	80.3	------
11	37.49	37.71	39.08	37.49	37.33	38.30	37.90	13.3	13.3	20.6	18.4	16.3	15.9	16.3	21.3	12.6	84	84	56	80	95	97	82.7	.3
12	37.44	37.70	38.72	37.19	37.29	38.42	37.79	14.9	14.8	19.6	17.1	16.2	15.3	16.3	20.8	14	93	87	70	98	98	98	90.7	2.8
13	37.85	37.89	38.80	37.12	37.02	38.46	37.86	14.6	14	17.5	17.3	16.4	15.4	15.9	21	13.5	96	93	93	94	94	95	94.2	------
14	38.16	38.15	38.99	37.21	36.84	37.50	37.81	14	13.9	19.6	17.3	15.9	14.2	15.8	21.2	13.2	91	92	68	88	95	91	87.5	------
15	36.65	36.91	38.49	36.82	36.88	37.70	37.24	14	14	21.5	19.8	16.5	15.7	16.9	22.8	13.5	84	83	57	83	93	95	82.5	------
16	37.04	37.36	38.63	37.01	36.89	37.69	37.44	15.9	14.9	19.2	19.2	17.1	15.9	17	22	14.4	85	98	81	86	97	98	90.8	------
17	37.18	37.47	38.71	36.63	36.39	37.55	37.32	15.5	14.9	20.4	20.8	18.4	17	17.8	22.8	14.4	97	97	78	81	90	92	89.2	------
18	36.70	36.65	37.54	35.69	35.74	36.38	36.45	16.4	15.5	18.4	22	17.6	17.1	17.8	23.2	15	94	92	85	76	93	92	88.7	------
19	35.52	35.51	36.80	35.01	35.16	35.59	35.60	16.3	15.9	19.2	18.5	17.4	16.5	17.3	21.6	15.3	92	93	87	95	93	81	90.2	1.3
20	34.81	35.08	36.28	35.08	35.26	36.60	35.52	16.2	16	18.7	21.4	18.9	17.1	18	23.3	15.4	82	86	71	64	81	83	77.8	1.3
21	35.54	35.40	37.09	35.29	34.90	35.80	35.67	15.3	15.7	19.7	20.2	17.8	16.3	17.5	24.4	14.6	88	77	57	80	85	91	79.7	------
22	35.70	35.90	36.91	35.32	35.22	36.02	35.84	16.2	16.5	20.3	19.4	17.9	16.8	17.8	23.9	15.4	84	75	52	84	94	96	80.8	------
23	35.43	35.64	37.04	35.08	35.08	36.04	35.72	16	15.5	18.4	21.2	17.8	16.5	17.6	21.6	14.7	97	90	84	76	90	98	89.2	5.6
24	35.26	35.52	36.78	35.53	35.61	36.50	35.87	15.3	15.2	20.9	20.1	17.7	16.8	17.7	21.8	14.5	100	92	75	86	96	97	91	------
25	35.78	36.17	37.62	35.78	35.22	36.34	36.15	15.7	14.9	18.7	23.2	18.3	16.9	18	23.5	14	97	99	86	69	90	94	89.2	------
26	35.84	36.06	37.56	35.69	35.82	35.95	36.07	15.8	15	17.3	20.2	16.9	15.9	16.8	21.8	14.6	97	96	90	78	93	95	91.5	------
27	35.07	35.55	36.95	35.10	34.94	36.16	35.63	14.5	14	18.1	19.3	17	15.6	16.4	22.4	13.6	99	98	78	81	96	95	91.2	------
28	35.04	36.15	37.38	35.87	36.01	37.20	36.28	14.6	14.1	20.3	22.7	17.4	16.5	17.6	23.6	13.6	97	94	46	71	95	90	82.2	------
29	36.65	36.90	38.15	36.43	36.28	36.69	36.85	15.6	14.6	21.7	21.8	18.2	16.7	18.1	23.6	14.2	90	98	52	70	74	77	76.8	------
Mean	35.81	36.02	37.26	35.66	35.60	36.48	36.14	14.6	14.2	18.9	19.8	16.7	15.5	16.6	21.8	13.6	90.3	89.4	71.1	77.8	90.1	90.6	84.9	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	46.4

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	N	E	ESE	W	SE	E	30.3	66.5	57.3	121.3	275.4	0	Ci.	Cu.	4	Ci.	Cu. SEbyE
2	E	E	SE	SE	ESE	SE	90.1	83.5	58.5	71.4	303.5	10	----------	Cu.-N.	10	----------	N.
3	NW	W	SW	SW	SW	E	61.5	86.9	123.4	73.2	345	10	----------	Cu.-N.	10	----------	N. SSW
4	W	W	W	W	W	W	86.6	87.7	124.2	81.9	380.4	8	----------	S.-Cu.	10	----------	N.
5	N	W	SW	WSW	W	N	42.6	56.5	97.7	39.2	236	0	----------	S.	0	----------	Cu.
6	E	Calm	WSW	SW	W	NE	31.2	45.6	119.1	48.9	244.8	0	Ci.	S.	2	----------	Cu.
7	SE	NW	WSW	W	W	N	23	48.5	116.9	70.8	259.2	0	Ci.	Cu.	4	----------	Cu. SSW
8	W	E	WSW	SW	W	E	23.8	43.8	121.7	45.4	234.7	0	----------	S.	0	----------	Cu. W
9	E	Calm	E	W	NW	N	37.6	31.9	97.1	30	196.6	0	----------	Cu.-N.	2	----------	Cu. WSW
10	E	E	WSW	W	SE	SE	57.9	52.3	89.5	67.6	267.3	0	Ci.	S.	5	----------	Cu.
11	E	N	SW	W	SE	Calm	58.5	56.3	61.2	23.1	199.1	0	Ci.	Cu.	10	Ci.-S.	Cu.-N. S
12	NE	E	ESE	W	S	E	59.3	42.3	58.7	56.9	217.2	10	----------	N.	10	----------	Cu.-N.
13	SE	E	SW	W	SW	SE	52	58.7	76.9	56.5	244.1	7	----------	Cu.-N.	10	----------	N.
14	SE	E	SE	SW	SE	SE	72.2	64.2	59.7	149.9	346	5	----------	Cu.-N.	10	----------	Cu.-N.
15	E	ESE	ESE	SW	SE	Calm	207.6	124.4	54.1	32	418.1	0	----------	Cu.-N.	10	----------	----------
16	SE	N	WSW	WSW	S	SE	45.7	59.7	86.1	104.6	296.1	10	----------	S.	10	----------	Cu.-N.
17	E	E	SW	W	Calm	NE	75.6	63.1	86.3	23.5	248.5	0	Ci.	S.-Cu.	9	----------	Cu.-N.
18	W	E	W	W	N	S	38.1	48.1	85.3	40.7	212.2	4	Ci.	S.-Cu.	9	----------	Cu.-N.
19	E	Calm	W	SW	SE	SE	41.5	41.6	64.6	178.3	326	1	----------	S.-Cu.	10	----------	N.
20	E	ESE	SE	SE	SE	SE	199.7	141	60.4	58.4	459.5	10	A.-Cu.	Cu.-N.	9	Ci.-S.	Cu.-N. SE
21	E	E	E	W	SE	E	186.8	98.7	69.4	59	413.9	9	A.-Cu.	S.-Cu.	9	----------	Cu.-N. SE
22	SE	E	E	W	W	SE	96.3	105.6	86.6	48	336.5	5	----------	S.-Cu.	10	----------	N.
23	E	NE	W	W	S	SE	96.8	57.3	80.2	49.1	283.4	1	Ci.-S.	S.-Cu.	8	----------	Cu.-N. S
24	E	NE	W	SW	S	SE	93.1	62.3	81.8	64.6	301.8	0	Ci.	S.	10	----------	Cu.-N.
25	E	E	WSW	W	NW	SE	70	63.8	89.8	62.6	286.2	10	----------	S.	7	Ci.	N.-cf. E
26	SW	W	W	WSW	WSW	SE	32.4	48.5	102	49.3	232.2	2	----------	Cu.-N.	10	Ci.-S.	cu.-N.NNW
27	E	N	S	NW	SW	E	51.3	63.3	88.7	95.5	298.8	2	----------	Cu.-N.	10	Ci.	cu.-N. SW
28	SE	ESE	E	WSW	W	N	134.1	127.6	102.4	33	397.1	4	----------	Cu.-N.	3	Ci.	Cu.
29	E	NE	NE	W	NW	E	54.1	98.5	114.6	73.4	340.6	0	Ci.	Cu.	6	----------	Cu. WbyS
Mean	------	------	------	------	------	------	74.1	69.9	86.7	65.8	296.6	3.7	----------	----------	7.5	----------	----------
Total	------	------	------	------	------	------	------	------	------	------	8,600.2	----	----------	----------	----	----------	----------

BAGUIO.

[ϕ=16° 25′ N; λ=120° 36′ E; barometer above sea, 1,512.5 meters; gravity correction not applied, —1.65 mm.]

MARCH, 1916.

Day.	Atmospheric pressure, 600 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	mm.
1	36.37	36.77	37.92	36.30	36.34	37.16	36.81	15.4	14	20.5	20.2	16.3	14.1	16.8	22.8	13.6	86	95	54	79	93	94	83.5	------
2	36.08	36.40	37.48	35.67	35.58	36.75	36.33	12.9	12	19.3	18.4	15.3	13.3	15.2	22.2	11.7	93	89	58	79	73	83	79.2	------
3	36.23	36.16	37.42	36.34	36.38	37.80	36.72	12.9	12.8	19	21.4	15.9	14.5	16.1	23.3	12.3	84	82	54	54	78	87	73.2	------
4	37.54	37.96	39.23	37.59	37.02	38.22	37.93	13.8	14	19.4	22.7	18	16.1	17.3	23.5	13.4	91	88	68	59	88	95	81.5	------
5	37.42	37.62	38.55	36.84	36.59	37.43	37.41	14.7	14.1	19.2	19.5	17.5	15.7	16.8	22.9	13.7	94	97	78	84	94	94	90.2	------
6	36.36	36.70	37.79	35.89	35.56	36.03	36.39	14.2	13.9	21.1	19.2	17	16	16.9	23.3	13.5	97	89	69	86	91	88	86.7	------
7	34.91	35.44	37.13	35.50	35.30	36.21	35.75	15.2	15.6	20.6	19.9	17	16.6	17.5	22.9	14.8	89	83	75	84	91	90	85.3	------
8	35.82	36.13	37.74	36.20	35.91	37.04	36.47	15.6	14.9	21.1	22.7	18	17.1	18.2	24.6	14.5	93	91	63	62	86	74	78.2	------
9	36.57	37	38.53	36.68	36.69	37.27	37.12	16.2	15	21.7	23.9	17.9	15.9	18.4	24.6	14.6	81	86	51	64	86	92	76.7	------
10	36.56	36.74	37.84	35.88	36.26	37.13	36.74	15.2	14.6	20.4	21.3	17	16.6	17.5	23.4	14.3	91	91	72	74	93	82	83.8	------
11	36.29	36.36	37.53	35.82	35.78	36.96	36.46	16.3	15.5	21.7	22.2	18.9	16.5	18.5	23.8	15	82	84	60	76	81	85	78	------
12	36.65	37.03	38.48	36.77	36.63	37.68	37.21	15.4	15	23.2	24.2	19.3	16.8	19	24.7	14.5	83	76	46	66	78	91	73.3	------
13	37.67	38.06	39.23	37.70	37.74	38.65	38.18	15.5	15.6	23.6	22.5	18.2	17.6	18.8	26.1	15.4	99	93	49	78	91	91	83.5	13
14	37.83	37.64	38.29	36.75	36.53	38.10	37.52	16.7	16	20	19.9	18.7	18	18.2	23.7	15.7	88	87	86	90	91	91	88.8	------
15	36.94	36.82	37.12	35.58	36.09	37.74	36.72	17.2	15.9	21.1	21	18.6	16.9	18.4	23.7	15.3	93	98	77	83	88	93	88.7	1.8
16	36.79	36.64	38.25	36.19	36.20	37.77	36.97	16	15.6	21.4	19.5	16.4	15.8	17.4	22.6	15.2	93	88	69	88	88	90	86	49.6
17	37.01	37.39	38.99	37.19	36.73	38.20	37.58	15.2	14.6	22.4	22.5	17.9	16.5	18.2	23.3	14.5	88	90	64	76	93	98	84.8	.3
18	37.46	37.53	38.45	36.56	36.38	38.12	37.42	15.5	15.2	22	21.8	18.4	16.7	18.3	24	14.8	97	91	58	78	90	96	85	------
19	37.15	36.79	37.91	36.68	36.44	37.22	37.03	15.8	15.1	20.3	22.1	18.1	16.5	18	25.2	14.5	97	93	56	68	87	88	81.5	------
20	36.17	36.75	38.20	36.70	36.37	37.25	36.91	15.4	14.9	21.4	21.2	19	17.4	18.2	23.7	14.5	87	86	70	78	92	96	84.8	------
21	36.33	37.11	38.45	37.24	37.28	38.58	37.50	16.3	15.7	20.3	21	19.5	17.4	18.4	24.3	15.3	96	94	81	82	88	96	89.5	------
22	37.77	38.26	39.38	37.63	37.53	38.83	38.23	16.6	16	19.9	20.8	18.4	17.8	18.2	24.4	15.5	98	98	82	87	97	88	91.7	.8
23	37.64	38.24	39.63	38.23	38.26	39.27	38.54	16.1	15.5	22.3	18	15.9	15.4	17.2	24.2	14.9	88	84	51	98	80	85	81	13.5
24	38.68	38.89	39.96	38.45	38.57	39.57	39.02	15.3	14.9	21	18.4	15.4	14.7	16.6	22.8	13.9	86	90	64	93	93	93	86.5	20.3
25	38.56	38.86	39.73	37.90	37.97	38.84	38.64	14	14	18.7	18.2	17.2	15.5	16.3	22.2	13.5	93	86	71	91	89	93	87.2	3
26	38.02	38.39	39.81	38.16	37.79	38.47	38.44	14.1	13.9	20.8	20.8	18	16	17.3	23.2	13.6	95	88	69	80	93	98	87.2	------
27	38.06	38.44	39.64	38.18	38.24	39.36	38.65	14.8	14.6	19.9	22.3	17.9	16.9	17.7	24.2	14.2	99	92	78	74	91	92	87.7	------
28	38.07	38.39	39.39	37.51	37.33	38.27	38.16	15.7	14.9	20.3	20.9	18.1	17.4	17.9	23.2	14.5	92	96	79	82	92	90	88.5	------
29	37.41	37.25	38	36.41	36.79	37.71	37.26	15.6	15.3	22.1	22.5	18.5	16.9	18.5	24.4	15.2	96	91	63	75	89	92	84.3	------
30	36.94	36.80	37.96	36.21	36.08	36.78	36.79	16	15.5	23.4	22.7	18.5	16.5	18.8	23.8	15.4	97	92	52	75	93	96	84.2	------
31	36.19	36.40	37.40	35.84	35.83	36.95	36.44	15.7	15.1	20.7	22.9	18.4	17.7	18.4	23.4	14.6	98	99	78	74	95	84	88	------
Mean	37.02	37.26	38.43	36.79	36.72	37.79	37.33	15.3	14.8	20.9	21.1	17.7	16.3	17.7	23.7	14.4	91.7	89.9	66	78	88.8	90.5	84.1	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	102.3

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Mid-night.			Upper.	Lower.		Upper.	Lower.
							Km.	Km.	Km.	Km.	Km.	0–10			0–10		
1	S	E	E	W	W	E	45.1	108	128.4	75.9	357.4	1	Ci.	Cu.-N.	7	Ci.-S.	Cu.-N. NW
2	E	E	ESE	W	E	SE	117.3	90.4	104.3	135.5	447.5	0	Ci.	Cu.-N.	10	----------	Cu.-N. WNW
3	SE	SE	SE	ESE	SE	SE	151.5	170.8	129	102.2	553.5	0	----------	Cu.-N.	5	Ci.	Cu. E
4	E	E	WSW	W	W	SE	48.9	68.7	120.4	72.9	310.9	3	Ci.-S.	S.-Cu.	6	Ci.-S.	Cu.
5	E	NE	W	W	N	E	87.7	63.6	90.6	59.2	301.1	7	Ci.	Cu.-N.	10	----------	N.
6	E	E	SW	W	W	SE	76.2	65	98.6	121.7	356.5	0	Ci.	Cu.	10	----------	Cu.-N. SSW
7	E	E	W	W	N	SW	155.9	80.2	98.7	50.1	384.9	0	Ci.	Cu.	10	----------	S.
8	W	N	SW	W	W	SE	40.2	88.7	141.6	68.7	339.2	0	Ci.	Cu.	3	----------	Cu. WNW
9	SE	E	SW	WSW	W	E	65	69.4	135	58.5	327.9	0	Ci.	Cu.	7	----------	Cu.
10	E	N	WSW	SW	W	W	55.7	70.6	122	47.5	295.8	0	Ci.	Cu.	6	----------	Cu. NW
11	SE	NW	S	WSW	SSE	E	64.6	50.9	83.5	89.6	288.6	0	Ci.	Cu.	7	----------	Cu. SSW
12	E	E	NE	SW	SSE	E	105.9	67	86.6	95.6	355.1	0	Ci.	S.	5	Ci.	Cu. S
13	NE	NE	E	WSW	W	E	78.7	107.5	101.1	52.3	339.6	0	Ci.	Cu.	10	----------	S.
14	E	NE	SW	W	NW	SE	94.6	79.2	91.2	26.8	291.8	1	Ci.	S.-Cu.	10	----------	S.
15	NW	NE	SW	W	NE	E	28.2	83.5	98.1	73.4	278.2	4	Ci.	Cu.-N.	10	----------	S. W
16	E	NE	SE	W	E	E	75.3	46.4	102.5	139.2	363.4	0	Ci.	S.-Cu.	10	----------	Cu.-N.
17	E	E	SW	WSW	SW	E	120.4	70.8	85.5	86.7	363.4	0	Ci.	Cu.	10	----------	Cu.
18	E	E	SE	WSW	WSW	SE	106.4	63.3	91.1	56	316.8	10	----------	Cu.-N.	10	----------	Cu.-N. SW
19	E	E	E	NW	WSW	SE	132	211.1	83.1	70.6	496.8	7	----------	Cu.-N.	9	----------	Cu.-N. Eby S
20	E	E	WSW	SW	SW	E	85.9	83.9	109.2	80.5	359.5	0	Ci.	Cu.	9	----------	N.-cf. WSW
21	E	E	WSW	WSW	SW	SE	98.4	72.1	104.4	31.4	306.3	0	Ci.	Cu.	9	----------	Cu.
22	N	N	SW	W	SW	E	43.3	65.8	98.8	34.6	242.5	0	Ci.	S.	10	----------	S.
23	E	E	ESE	WSW	ESE	E	117.3	98.7	108.9	124.9	449.8	0	Ci.	Cu.	10	----------	N.
24	E	E	NE	W	E	E	83.7	102.4	90.6	91.9	368.6	9	----------	Cu.-N.	10	----------	N.
25	E	E	E	WSW	S	E	102.2	76.9	93.9	67.6	340.6	9	Ci.	S.-Cu.	10	----------	Cu.-N.
26	E	E	SW	W	Calm	E	105.9	66.5	91.5	68.6	332.5	0	Ci.	S.-Cu.	9	A.-Cu.	Cu.-N. W
27	E	ESE	SW	SW	W	E	83.1	101.2	98.5	35.7	318.5	0	----------	Cu.	10	----------	S.
28	E	NE	SW	WNW	SW	SE	61.7	70.3	90.1	67.4	290	0	Ci.	Cu.	10	----------	Cu.-N.
29	SE	E	E	WSW	NW	E	83.7	129	111.3	43.1	367.1	0	Ci. N	Cu.	9	----------	Cu. WSW
30	E	ESE	SW	W	WSW	SE	41.6	92.2	104.9	62	300.7	0	Ci.	S.	7	----------	Cu. WSW
31	E	NE	WSW	WSW	SW	E	72.7	63.8	116.4	48.5	301.4	10	----------	S.	9	----------	Cu.
Mean	------	------	------	------	------	------	84.8	86.4	103.2	72.2	346.6	2	----------	----------	8.6	----------	----------
Total	------	------	------	------	------	------	------	------	------	------	10,745.9	----	----------	----------	----	----------	----------

BAGUIO.

[$\phi = 16° 25'$ N; $\lambda = 120° 36'$ E; barometer above sea, 1,5 12.5 meters; gravity correction not applied, —1.65 mm.]

APRIL, 1916.

Day.	Atmospheric pressure, 600 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a.m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	35.98	35.80	36.59	34.84	34.95	36.15	35.72	16.9	15.9	21.2	21.3	18	16.5	18.3	23.7	15.6	87	89	77	79	94	95	86.8	------
2	35.26	35.46	37.04	36.29	36.59	38.19	36.47	16.2	16.1	21.2	23.4	18.1	16.5	18.6	24.6	15.5	97	95	73	72	93	96	87.7	------
3	37.59	37.29	38.40	37.53	37.60	38.41	37.80	15.8	16.3	21.5	20.9	17.9	16.2	18.1	24.5	15.1	94	85	75	82	92	95	87.2	------
4	37.55	37.70	38.65	37.34	37.34	38.71	37.88	16.6	15.9	21.2	22.1	18.3	16.6	18.4	24.3	15.1	82	85	72	80	93	95	84.5	------
5	37.79	37.91	38.93	37.70	37.82	39.09	38.21	16.5	15.5	21.1	18.9	16.5	15	17.2	21.8	14.7	90	92	69	86	99	100	89.3	33.5
6	37.93	38.21	39.42	38.18	38.15	39.41	38.55	14.4	14.6	19.6	20.7	17.3	15.6	17	23.9	14.2	100	89	69	74	86	92	85	7.2
7	38.78	39.34	40.41	39.13	39.49	40.28	39.57	15.1	15	20.8	19.5	17	15.7	17.2	23.5	14.5	92	90	68	89	97	94	88.3	25.4
8	39.46	39.35	40.10	38.36	38.26	39.24	39.13	14.7	14	22.1	21.9	18.4	16.3	17.9	24.2	13.7	96	91	53	77	92	91	83.3	------
9	38.03	38.35	39.41	37.93	38.18	39.02	38.49	15.7	16.3	21.5	22.6	19.1	17.5	18.8	24.2	15.4	85	76	68	79	86	89	80.5	------
10	38.16	38.15	39.18	38	38.34	38.83	38.49	16.5	16.6	19.8	22.2	19.5	17.5	18.7	23.3	15	90	75	81	79	89	90	84	------
11	38.21	38.30	39.33	37.65	37.93	38.59	38.34	16.3	16.1	22.5	23.4	20.4	17.6	19.4	25.2	15.5	90	78	53	74	50	67	68.7	------
12	37.96	38.12	39.63	38.24	38.29	39.25	38.58	15.9	15	23.5	22.5	20.2	17	19	24.8	14	74	73	40	76	62	78	67.2	------
13	38.32	38.28	39.47	38.02	37.97	39.03	38.52	16.8	15.5	22	23.9	20	17.5	19.3	25.8	15	75	85	63	66	81	85	75.8	------
14	38.20	37.81	39.28	37.82	37.61	38.49	38.20	16.8	17.3	22.3	22	18.2	18	19.1	24.9	15.8	80	49	58	72	92	89	73.3	------
15	37.26	36.94	37.78	36.45	36.64	37.79	37.14	16.3	17.1	23.7	23.3	19.5	17.9	19.6	24.9	15	96	79	64	78	87	87	81.8	------
16	37.04	36.84	37.58	36.40	36.49	37.29	36.94	16.8	16	24	22.6	20.2	17.3	19.5	26.3	15.2	86	81	28	78	80	83	72.7	------
17	36.38	36.18	36.81	35.20	35.38	36.14	36.02	16.7	17.1	23.2	24.4	20	18.4	20	25.4	16.2	79	64	59	63	76	84	70.8	------
18	34.91	34.66	35.75	34.16	34.35	35.23	34.84	17.5	17.5	21	21	18.1	17.4	18.8	24.6	16.7	87	84	80	84	94	89	86.3	------
19	34.35	34.33	35.92	34.51	34.65	35.91	34.94	16.4	16.4	22.3	23.1	17.4	15.9	18.6	24.6	15.6	84	74	60	63	83	65	71.5	------
20	34.85	34.82	35.54	34.40	34.30	35.22	34.86	16.2	15.5	22.5	21.5	18	17.1	18.5	24.8	14.7	57	52	45	77	90	89	68.3	3.3
21	34.50	34.47	35.49	34.32	34.31	35.09	34.70	15.8	15.7	20.3	20.3	17	16.5	17.6	23.7	14.7	82	79	73	86	97	99	86	------
22	34.47	34.95	35.77	34.69	34.71	35.43	35	16.7	16.1	21.5	22.9	18.5	18.1	19	25.1	15.7	93	97	74	75	94	89	87	------
23	34.63	34.58	35.40	34.12	34.03	35.13	34.65	16.7	16.4	21.9	22.4	18.3	17.1	18.8	25.9	15.4	89	90	67	81	95	100	87	------
24	34.54	34.85	35.38	34.39	34.73	35.95	34.97	16.8	16.4	20.8	21.8	17.1	16.3	18.2	24.7	15.6	100	98	81	82	87	92	90	8.7
25	35.15	35.57	36.79	35.18	35.48	36.45	35.77	16.7	16.4	20.6	22.9	18.2	17.3	18.7	24.1	15.4	84	87	53	74	81	85	82.3	14.3
26	36.09	36.66	37.73	36.50	36.85	37.69	36.92	17	16.9	19	17.1	17.3	16.8	17.4	22.8	16.1	90	94	92	99	91	91	92.8	6
27	36.45	36.41	37.49	35.95	36.43	37.55	36.71	17	16	20.9	23.1	17.8	17.1	18.6	23.7	15.2	83	87	79	80	85	91	84.2	7.4
28	36.38	36.81	37.78	36.22	36.10	37.31	36.77	16.6	16.4	20.2	21.4	17.4	17.5	18.2	24	16	96	92	80	82	88	81	86.5	1.8
29	35.73	36.04	37.43	35.82	36.06	37.34	36.40	16.6	16.9	21	23.5	16.9	16.9	18.6	23.8	15.5	87	80	84	77	94	87	84.8	13
30	36.30	36.77	38.10	36.49	36.96	37.80	37.07	16.6	16.7	21.1	21.2	17.2	16.5	18.2	23.3	15.6	87	82	78	87	93	93	86.7	11.5
Mean	36.61	36.70	37.76	36.39	36.53	37.53	36.92	16.4	16.1	21.5	21.9	18.3	16.9	18.5	24.3	15.3	87.1	82.4	68.2	78.4	87.4	88.7	82	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	132.1

Day.	Wind.											Clouds.				
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.	
												Amount.	Form and direction.		Amount.	Form and direction.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	E	N	SW	WSW	WSW	SE	60.4	84.3	118.6	39.2	302.5	0	Ci.	S.-Cu.	7	----------	Cu. WSW
2	SE	ESE	W	WSW	SW	E	63	71.8	125.5	49.9	310.2	0	Ci.	S.	8	----------	Cu.
3	E	Calm	SW	W	W	NE	29	67.3	148.7	82.1	327.1	0	Ci.	S.	9	----------	N.-cf.
4	E	W	SW	WSW	W	NE	80.8	65.7	114	36	296.5	0	Ci.	Cu.	10	----------	Cu.-N.
5	W	E	S	W	W	SE	43.7	84.3	98.5	99.6	326.1	4	Ci.	S.-Cu.	9	----------	Cu.-N. SSE
6	E	ESE	E	S	SE	E	126.1	114.1	46.7	103.5	390.4	2	Ci.	S.-Cu.	9	Ci.-S.	Cu.-N.ENE
7	E	E	SE	W	N	E	117.3	63.8	82.9	131.8	395.8	4	A.-Cu.	Cu. ESE	10	----------	Cu.-N.
8	E	ESE	E	SW	S	E	102.2	110.7	94.4	91.1	398.4	0	Ci.	Cu.	8	Ci.	Cu. E
9	E	E	SW	SW	SW	NW	184.7	119.9	96.1	42.4	443.1	0	Ci.	S.	8	----------	N.-cf.WSW
10	NE	SE	SW	WSW	S	E	41.5	57.9	87.2	40.4	227	0	Ci.	S.	9	----------	Cu.-N.
11	E	E	E	S	ESE	E	74.8	90.1	97.1	94.3	356.3	0	Ci.	S.	1	----------	Cu.
12	E	E	N	WSW	SE	E	108.9	114.8	103.8	66.2	393.7	0	Ci.	Cu.	8	----------	Cu.
13	E	E	ESE	SW	SW	E	102.8	84.3	111.3	45.9	344.3	0	Ci.	Cu.	8	----------	Cu.
14	E	E	SW	WSW	W	SE	83.4	104.3	130	45.1	362.8	0	Ci.	Cu.	6	----------	Cu.
15	E	NW	WSW	SW	SW	SE	73.4	60.2	109.4	63.8	306.8	1	Ci.	Cu.	10	----------	S.
16	E	NE	SE	WSW	S	E	77.2	68.6	114.5	77.2	337.5	0	Ci. SSW	S.	9	----------	Cu.
17	NE	NE	WSW	SW	WSW	E	86.4	85.6	94.6	56.8	323.4	5	Ci. ESE	Cu.-N.	9	----------	Cu.-N.
18	E	NW	WSW	W	NW	E	74.8	105.2	149.2	58.5	387.7	4	Ci. E	S.	10	----------	Cu.-N.
19	W	NW	WSW	W	W	N	78.4	97.2	178.6	73.4	427.6	0	Ci.	S.	3	----------	Cu. WbyN
20	NW	NW	W	W	W	W	53.9	104	131.5	36.5	325.9	0	----------	Cu.	10	----------	Cu.-N.
21	Calm	W	WSW	W	W	N	47.5	79.4	120.5	56.1	303.5	0	Ci.	Cu.	10	----------	Cu.-N.
22	E	SE	SW	W	W	E	33.6	84	100.8	27.6	246	0	Ci.	S.	10	----------	Cu.-N.
23	E	E	SW	W	W	NW	44.1	98	134.1	35.9	312.1	0	----------	S.	10	----------	S.
24	E	E	W	WSW	E	NW	33	69	120.9	71.1	294	10	----------	S.	9	----------	Cu.-N.
25	W	E	SW	WSW	SE	SE	39.6	52.9	114.5	64.4	271.4	0	Ci.	Cu.	9	A.-Cu.	Cu.-N. W
26	W	NW	SW	W	NE	SE	29	56	93.1	77.5	255.6	1	A.-Cu.	Cu.-N.	10	----------	N.
27	E	NE	SW	SW	ESE	SE	54.5	61.4	83.4	72.1	271.4	0	----------	S.	9	----------	Cu.-N. SE
28	SE	E	SW	W	NE	SE	114	88.2	112.5	58.2	372.9	0	Ci.	Cu.	10	----------	cu.-N. WSW
29	E	E	WSW	WSW	E	S	51	72.7	104.3	81	309	0	----------	S.	10	----------	cu.-N. WSW
30	E	E	SW	W	E	E	45.1	58.1	92.3	67.9	263.4	0	Ci.	Cu.	10	----------	Cu.-N.
Mean	-----	-----	-----	-----	-----	-----	71.8	82.5	110.3	64.8	329.4	1	----------	----------	8.6	----------	----------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	9,882.4	----	----------	----------	----	----------	----------

BAGUIO.

[$\phi = 16°\ 25'$ N; $\lambda = 120°\ 36'$ E; barometer above sea, 1,512.5 meters; gravity correction not applied, —1.65 mm.]

MAY, 1916.

Day.	Atmospheric pressure, 600 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P. ct.*	*mm.*
1	36.61	36.94	38.09	36.66	36.39	37.37	37.01	16.4	16.2	19.2	17.2	16.9	17	17.2	22.7	15.1	88	89	87	90	88	82	87.3	30.2
2	36.32	36.30	37.04	35.73	35.78	37.76	36.40	15.6	16.6	22.4	20.9	18.9	17.4	18.6	24.2	15	92	87	52	83	89	93	82.7	------
3	36.01	35.89	37.40	35.64	35.63	36.48	36.18	16.2	15.9	20.5	23.5	18.6	17	18.6	25.2	14.8	94	93	80	73	91	91	87	------
4	35.83	35.63	37.21	36.11	36.29	37.31	36.40	16.4	16.2	21.7	22	18.6	17.1	18.7	24.6	15.7	80	75	71	82	92	91	81.8	------
5	35.37	35.49	37.07	35.95	35.92	36.67	36.08	16.3	16.3	23.4	23.5	19.1	17.2	19.3	24.7	15.3	85	75	48	74	95	87	77.3	------
6	35.71	35.96	37.09	36.19	35.84	36.46	36.21	16.3	16.5	22.5	23	18.9	17.9	19.2	24.6	15.2	80	65	58	77	89	83	75.3	------
7	35.47	35.59	36.95	35.83	36.93	37.62	36.40	17.1	17.2	23.4	20.9	19.1	18	19.3	24.8	15.5	79	70	64	76	89	91	78.2	5.1
8	36.39	36.56	37.43	36.63	36.55	37.51	36.86	17.4	17.6	22.7	24	20.1	18.1	20	25.5	16.2	93	83	62	57	88	90	78.8	------
9	36.47	36.93	38.31	37.13	37.22	38.11	37.36	16.8	17.2	22.3	22.1	19.2	17.9	19.2	25.3	15.8	81	76	58	77	89	89	78.3	------
10	37.21	36.95	37.77	36.45	36.45	37.23	37.01	16.3	16.1	24.1	24.2	19.1	17.4	19.5	25.1	15	95	83	41	72	84	93	78	------
11	35.33	35.26	36.63	35.63	35.67	36.60	35.85	16.7	17.2	23.4	23.3	18.1	17.5	19.4	25.2	15.8	90	72	51	72	99	98	80.3	31.2
12	36.03	36	36.87	35.79	35.99	37.19	36.31	17.1	16.9	20.4	19.2	17.9	17.3	18.1	23.7	16.5	100	95	74	83	99	99	91.7	2.3
13	35.89	35.79	36.53	35.21	35.97	36.50	35.98	17.1	16.7	18.7	17.4	16.6	15.8	17	20.2	15	97	96	89	99	98	97	96	25.9
14	35.06	35.05	35.73	34.65	34.55	35.77	35.14	15.2	15.4	19.1	18.4	17.4	16.5	17	20.9	14.7	100	95	86	92	94	94	93.5	19.8
15	34.61	34.54	35.83	34.43	34.70	36.61	35.12	16	17.4	18.9	21.5	18	17.3	18.2	23.2	15.3	94	78	87	78	90	89	86	29
16	36.09	36.30	37.33	36.80	37.34	38.40	37.05	16.1	16.2	22	17.9	17.7	17.1	17.8	23.5	15.6	95	92	67	97	98	97	91	24.6
17	37.55	37.31	38.63	37.22	36.90	38.32	37.66	16.4	17.1	19.1	20.2	17.9	17	18	22.8	15.5	100	90	93	89	97	90	93.2	25.9
18	37.11	37.09	37.30	36.34	36	36.78	36.77	16.7	16.9	23.4	20	17.9	17.3	18.7	24.3	15.6	90	72	56	91	92	93	82.3	3
19	35.83	36.07	36.96	35.64	35.37	36.55	36.08	16.9	16.9	21.9	24	19	17.6	19.4	25.6	15.9	94	93	63	69	93	99	85.2	------
20	35.62	36.18	37.21	36.07	35.94	37.24	36.38	17.3	16.4	22.4	21.9	17.9	17.6	18.9	24.3	16.2	97	97	65	83	99	92	88.3	9.1
21	36.24	36.04	36.58	35.56	36.33	36.42	36.20	17	16.5	20.4	20	16.1	16.8	17.8	23.1	14.8	91	92	86	96	82	69	86	36.5
22	35.94	35.93	36.72	35.78	35.87	36.89	36.19	16.2	17	20.9	23	15.6	16.6	18.2	23.3	14.6	70	66	68	79	89	79	75.2	21
23	35.80	36.22	36.99	35.87	35.78	36.50	36.20	17.6	17.9	21.9	21.7	18.5	17.3	19.2	23.8	16.5	70	65	65	80	92	95	77.8	------
24	35.82	36.19	37.27	36.19	36.03	36.67	36.36	16.7	16.9	23.2	21.4	18.9	18.4	19.2	24.4	16.2	93	83	67	85	97	91	86	------
25	36.10	36.54	37.44	36.39	36.08	37.23	36.64	17.6	17.9	21.6	19.9	18.9	18	19	23.5	16.8	94	84	80	92	94	96	90	4
26	36.09	36.30	36.99	35.78	35.78	36.84	36.30	17.5	16.5	23.1	22.9	20.5	18.3	19.8	25.4	15.8	98	100	64	83	87	95	87.8	------
27	35.50	35.46	36.39	34.68	34.82	35.85	35.45	17.7	17.2	23.2	24.2	20.1	18.5	20.2	25.6	16.1	91	87	58	50	95	94	79.2	------
28	34.31	34.76	35.62	34.75	34.85	36.05	35.06	17.7	17.9	24	22	19.1	17.5	19.7	24.8	17	89	79	55	82	97	100	83.7	1
29	35.06	34.85	35.22	34.63	34.71	36.32	35.13	16.9	18.3	23.4	21.7	18.5	17.9	19.4	24.8	16.3	100	80	79	87	94	94	89	7.6
30	35.44	35.90	36.33	35.72	35.62	36.61	35.94	16.4	16.5	21.7	20.6	18.9	17.6	18.6	23.7	16	99	99	74	89	97	100	98	------
31	35.81	35.90	36.64	35.87	36.20	36.79	36.20	17.1	16.9	19	23.5	17	17.1	18.4	23.9	16.2	100	96	89	77	95	94	91.8	34.8
Mean	35.89	36	36.96	35.85	35.92	36.91	36.26	16.7	16.9	21.7	21.5	18.4	17.4	18.8	24.1	15.7	90.9	84.1	68.9	81.1	92.6	91.8	84.9	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	312

Day.	Wind.											Clouds.				
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Mid-night.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NW	NE	WSW	W	NE	SE	43	69	83.2	81.8	277	0	Ci.	Cu.	10	----------	N.
2	NE	N	E	WSW	W	SE	54.7	55.5	118.8	45.6	274.6	0	Ci.	Cu.	8	----------	Cu. NEbyE
3	NW	N	SW	SW	W	E	60	44.5	75.4	108.9	288.8	8	Ci.	Cu.-N.	8	Ci.-S.	Fr.-Cu.SSE
4	E	E	WSW	W	W	E	124.4	77.5	107.6	76.6	386.1	7	Ci.-S.	S.-Cu.	8	----------	Cu.-N.
5	NE	E	NW	W	SW	E	110.5	86.9	117.8	119.4	434.6	0	----------	Cu.	9	----------	Cu.-N. NE
6	SE	E	SW	WSW	N	E	128.9	136	105.2	68.1	438.2	0	Ci.	Fr.-Cu.	9	----------	Cu.-N.
7	E	SE	SW	W	SE	NE	102.8	80	83.8	28.4	300	2	Ci.-S.	Cu.	10	----------	Cu.-N.
8	E	E	SSW	WSW	SW	SE	87.4	69	78.3	61.4	296.1	0	Ci.	Cu.	7	----------	Cu.
9	E	SE	S	W	SW	SE	83.1	59	113	41.8	296.9	0	Ci.	Cu.	7	----------	Cu. SW
10	E	E	SW	WSW	SW	SE	60.7	72.2	125.7	59.3	317.9	0	Ci.	Cu.	7	----------	Cu. SSW
11	E	E	E	W	NW	E	218.8	159.6	124.4	49.1	551.9	5	Ci.	Cu.	8	----------	Cu.-N. W
12	E	E	E	W	W	S	26	83.7	57.9	68.9	236.5	10	Ci.-S.	Cu.-N. ENE	10	----------	Cu.-N.
13	SW	NE	ESE	W	E	S	38.1	80.7	84.7	66.8	270.3	9	Ci.-S.	Cu.-N.	10	----------	N.
14	E	WSW	W	WSW	SW	SW	58.1	72.7	81.9	63.1	275.8	10	----------	Cu.-N. S	10	----------	Cu.-N.SWbyW
15	NE	W	SW	SW	W	Calm	51.5	56.1	108.1	36.5	252.2	7	A.-Cu.	Cu.-N.	9	----------	Cu.-N. S
16	E	NE	ESE	W	W	SE	51.3	83.9	53.9	39.7	228.8	1	A.-Cu. SE	Cu.	10	----------	N.
17	NE	E	SW	W	W	S	21.1	68.9	83.9	72.9	246.8	6	Ci.	Cu.-N.	10	Ci.-S.	N.
18	E	E	NE	WSW	E	SE	97.2	85.6	106.7	53.6	343.1	0	Ci.	Cu.	10	----------	Cu.-N.
19	E	E	SE	W	SW	S	37	72.9	110.2	45.9	266	0	Ci.-S.	Cu.	7	----------	Cu.
20	SE	SE	S	W	NW	NE	73.5	61.8	109.9	44.3	289.5	3	A.-Cu.NWbyW	Cu.-N.	10	Ci.-S.	Cu.-N.
21	E	SE	WSW	WSW	ESE	E	67.3	79.2	101.4	132.2	380.1	8	A.-Cu.	Cu.-N.	10	----------	N.
22	E	E	SW	W	E	E	86.9	60.4	114.6	116.9	378.8	8	A.-Cu. NNE	S.-Cu.	9	Ci.-S.	Cu.-N.
23	SE	E	WSW	W	W	E	43.5	57.3	105.2	51.3	257.3	0	A.-Cu.	Cu.	9	Ci.	Cu.-N.
24	E	E	N	SW	NE	E	80	104.9	99.6	45.6	330.1	0	Ci.	Cu.	9	Ci.-S.	Cu.-N.
25	NE	N	W	WSW	NW	E	25.5	66	76.7	31.6	199.8	0	A.-Cu.	Cu.	10	----------	N.
26	E	NE	SE	WSW	S	E	49.4	46.4	67.3	63	226.1	10	----------	S. ENE	5	Ci.-S.	Cu.
27	SE	ESE	E	ESE	SW	SE	96.9	133.3	85.5	58.7	374.4	0	Ci.	Cu.	1	Ci.	Cu. ENE
28	E	E	E	SW	W	E	125.5	107.2	91.7	49.4	373.8	0	Ci. NNE	Cu.	10	----------	Cu.-N.
29	E	E	WSW	WSW	NE	SW	83.8	74.5	68.7	52.6	284.6	1	Ci.-S. NE	Cu.	10	----------	Cu.-N.
30	NE	SE	SE	WSW	SW	E	51.7	64.9	87.1	46.4	250.1	10	----------	Cu.-N.	9	----------	Cu.-N. W
31	S	E	SW	WSW	NE	NE	46.4	53.5	108.6	44	257.5	4	Ci. NE	Cu.-N. E	8	----------	Cu.-N. WSW
Mean	------	------	------	------	------	------	73.9	78.3	94.9	62.1	309.2	3.5	----------	----------	8.6	----------	----------
Total	------	------	------	------	------	------	------	------	------	------	9,583.7	----	----------	----------	----	----------	----------

BAGUIO.

[ϕ=16° 25′ N; λ=120° 36′ E; barometer above sea, 1,512.5 meters; gravity correction not applied, —1.65 mm.]

JUNE, 1916.

Day.	Atmospheric pressure, 600 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	36.36	35.79	36.59	35.53	35.85	36.49	36.07	16.7	16.5	20.9	21.5	16.5	16.8	18.2	24.2	15.7	95	96	83	88	98	88	91.3	37.6
2	35.32	35.16	35.89	34.79	35	36.24	35.40	16.1	17.4	21.5	21	17.5	16.9	18.4	23.9	15.7	88	72	68	97	98	95	86.3	11
3	34.86	34.90	35.98	35.37	35.18	36.06	35.39	16.9	16.6	20	22.9	18.6	18.1	18.8	24	16.1	90	88	89	79	92	91	88.2	------
4	35.64	35.22	36.01	35.49	35.46	35.86	35.61	17.6	16.4	23.5	19.5	18	17.9	18.8	23.9	16	89	98	65	92	88	88	86.7	5.1
5	35.35	35.45	36.22	34.88	34.76	35.96	35.44	17.1	16.9	21	20.7	17.9	17.9	18.6	24.8	16.5	93	91	73	89	94	94	89	1.6
6	35.44	35.04	35.28	34.19	34.60	35.31	34.98	17.6	17.6	23.4	22.5	19	17.8	19.6	24.8	16.7	97	95	61	85	89	95	87	------
7	34.63	34.74	35.11	34.07	34.05	34.79	34.56	17.6	17	24.4	22	19.4	18.5	19.8	25.4	16.3	89	91	57	88	95	97	86.2	------
8	34.15	34	34.56	33.73	33.69	34.75	34.15	17.9	17.3	21.4	22.1	19	17.9	19.3	24	16.8	89	90	73	73	88	96	84.8	.8
9	33.80	34	34.04	33.61	34.03	35.25	34.14	16.9	16.7	20.9	22.2	19.5	18.1	19	25.1	16.2	96	91	69	58	91	93	88	------
10	34.16	34.17	34.81	33.59	33.68	34.19	34.10	17.5	16.9	19.4	24.4	18	17.7	19	24.8	16.5	91	88	73	74	88	92	84.3	2.5
11	33.21	33.72	34.03	32.60	32.47	33.41	33.24	16.8	16.6	21.3	21.5	17.4	16.6	18.4	23.3	16	96	93	74	64	92	99	86.3	24.1
12	32.46	31.90	32.65	31.51	31.67	32.41	32.10	16.4	16	18.9	17.6	16.8	16.3	17	19.9	15.5	98	99	85	97	99	99	96.2	17.5
13	31.36	31.30	32.27	31.60	31.77	33.17	31.91	16.5	16.6	18.2	18.5	16.5	16.2	17.1	19.2	15.2	95	92	90	81	94	94	91	18.6
14	32.44	32.34	33.56	32.89	33.04	34.19	33.08	16.6	17.3	17.9	18.3	16.4	16.5	17.2	19.7	15.5	91	89	95	95	97	97	94	8.6
15	33.35	33.30	33.79	33.27	33.23	33.93	33.48	16.8	16.9	20.4	21.8	18	17.4	18.6	24	16.3	97	96	72	80	99	99	90.5	15.5
16	33.32	33.11	34.06	33.02	32.92	34.59	33.50	17.1	17.5	19.9	18.9	17.9	17.1	18.1	21.3	16.5	100	99	96	97	99	100	98.5	7.7
17	33.65	33.91	34.36	33.26	33.48	35.14	33.97	16.9	17.2	21.2	23.6	18.1	17	19	24.2	16.2	98	85	74	74	98	100	88.2	71.7
18	34.69	34.65	35.43	34.85	35.01	35.42	35.01	15.77	15.9	20.9	20.1	18.4	16.9	18	21.8	15.5	100	95	76	80	89	99	89.8	5.3
19	35.34	35.25	35.65	34.93	34.62	35.13	35.15	16.7	16.9	20.6	19.5	18.5	17.7	18.3	23.5	16.4	98	91	75	93	95	95	91.2	2.8
20	34.54	34.30	34.77	33.82	33.74	34.73	34.32	16.9	17	18.8	20.3	17.5	16.6	17.8	22.8	15.6	100	95	89	88	95	100	94.5	12.5
21	34.21	34.30	34.79	33.80	34.26	35.25	34.44	16.3	16.3	20.1	17.9	15.6	15.3	16.9	21.6	15.2	100	99	80	99	99	100	96.2	16.1
22	34.44	34.43	35.65	35.10	35.21	36.04	35.14	15.6	15.6	17	17.1	16.4	15.8	16.2	17.3	15.2	98	99	98	93	85	88	93.5	7.7
23	35.76	35.89	37.16	36.22	36.70	38.18	36.65	16.5	15.9	20.7	21.7	18	16.8	18.3	22.8	15.6	79	83	60	65	88	85	76.7	------
24	36.73	36.87	37.81	37.12	37.26	38.24	37.34	16.3	17.2	23	20.4	17.3	16.7	18.5	24.8	15.9	77	56	51	85	85	87	73.5	------
25	37.42	37.80	38.46	37.66	37.44	38.34	37.85	17.4	17.6	21.4	20	18.5	18.1	18.8	23.3	16.3	79	82	72	94	93	90	85	------
26	37.64	37.74	37.99	36.70	36.66	37.62	37.39	17.2	16.9	20.1	21.5	18.8	17.8	18.7	23.5	16.3	97	96	88	85	93	96	92.5	.3
27	36.86	36.52	36.96	36.09	36.19	37.35	36.66	17.4	17.5	20.7	20.6	17.9	17.4	18.6	23.6	16.5	93	93	86	90	97	94	92.2	1
28	36.72	36.73	37.14	36.40	36.19	37.81	36.83	16.8	17	20.5	22.5	19.3	17.6	19	23.5	15.7	94	90	90	82	91	95	90.3	6.9
29	37.22	37.54	38.04	37.33	36.88	37.68	37.45	17.2	16.2	19.7	20	17.9	17.6	18.1	22.8	16.2	97	98	90	91	96	93	94.2	11.2
30	36.79	35.80	37.19	36.15	35.90	37.02	36.64	17.3	16.9	20	22.7	19.9	18	19.1	24	16.2	92	92	76	58	66	76	76.7	------
Mean	34.97	34.90	35.54	34.65	34.70	35.68	35.07	16.9	16.8	20.6	20.8	18	17.2	18.4	23.1	16	93.2	90.7	77.6	83.8	92.4	93.8	88.6	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	286.1

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	SW	E	SW	WNW	E	E	51.5	64.7	96.8	68.7	284.7	2	Ci.-S.	Cu.	10	----------	Cu.-N.
2	E	SW	E	W	W	N	69.2	48.8	78.6	65	261.6	7	Ci.	S.-Cu.	10	----------	Cu.-N.
3	E	E	W	SW	NW	E	120.4	61.7	91.5	71.6	345.2	3	Ci. NEbyN	Cu.	7	----------	Cu.-N.
4	SE	NE	SW	WNW	NE	E	74.2	71.3	69	87.4	301.9	9	Ci.	Cu.-N.	10	----------	N.
5	E	E	S	WSW	E	SE	103.8	74	73.2	64.2	315.2	1	Ci.	Cu.	10	----------	Cu.-N.
6	SE	E	E	WSW	SW	N	42.8	74.5	71.9	44.9	234.1	0	A.-Cu.	Cu.	10	Ci.-S.	Cu.-N.
7	E	E	E	SW	SW	SE	52.1	49.3	62.2	48.6	212.2	2	Ci. ENE	Cu.	10	----------	Cu.
8	E	E	NE	SE	E	SE	73.4	97.7	67.8	78.3	322.2	8	Ci.-S.	Cu.-N. SSE	9	Ci.	cu.-N. SSE
9	E	ESE	E	ESE	W	E	116.2	170.9	72.4	82.4	441.9	9	----------	Cu.-N.	7	Ci.-S.	Cu. ESE
10	E	E	ESE	SW	S	E	73	150.2	85.6	81.9	390.7	9	Ci.	Cu.-N.	7	Ci.-S.	Cu. SbyE
11	E	E	ESE	SE	S	SW	135	120.7	61.7	87.7	405.1	8	Ci.-S.	Cu.-N. SSE	7	Ci.-S. Nbyw	Cu.-N. SWbyS
12	SE	E	S	W	SW	SW	51.2	74.3	114.9	124.1	364.5	9	----------	Cu.-N.	10	----------	N.
13	SW	ESE	SW	SW	SW	SW	75	69.8	234.1	227.9	606.8	10	Ci.	Cu.-N. SSW	10	----------	N. WSW
14	SW	WSW	SW	SW	SW	SW	126.8	159.5	200	84.2	570.5	9	Ci.	S.-Cu. WSW	10	----------	N. WSW
15	SW	S	WSW	SW	SW	W	73.5	148.1	147.5	118.9	488	10	----------	Cu.-N. WSW	10	----------	Cu.-N.
16	SW	WSW	WSW	W	WSW	NW	133.4	112.7	149.2	95.2	490.5	10	----------	Cu.-N.	10	----------	Cu.-N.
17	SE	W	S	WSW	E	E	51.7	71.9	120.9	67	311.5	10	Ci.-S.	Fr.-N. SWbyW	9	Ci.-S.	cu.-N. SSW
18	E	SE	E	W	E	E	74.6	61.7	60.9	42.3	239.5	10	----------	Cu.-N.	10	----------	Cu.-N.
19	E	E	E	SW	S	E	74	85.5	46.9	63.8	270.2	6	Ci.-S.	Cu.-N.	10	----------	Cu.-N.
20	SE	ESE	S	W	E	SW	130.4	109.1	62.3	46.4	348.2	2	A.-Cu.	Cu.-N.	9	----------	N. WSW
21	SE	S	ESE	SW	WSW	SE	77.4	68.3	158	76.6	375.3	10	----------	Cu.-N.	10	----------	N.
22	E	E	NE	SE	SW	E	87.5	67.8	53.9	69	283.2	9	----------	Cu.-N.	10	----------	Fr.-N. WSW
23	S	E	S	NW	SW	E	68	86.7	50.4	46.9	252	8	----------	S.-Cu. S	8	Ci.-S.	Cu. S
24	E	E	SSW	W	W	E	73.2	72.1	87.1	60	292.4	7	Ci.-S. NNE	S.-Cu.	10	----------	Fr.-N.
25	SW	SE	WSW	WSW	NE	S	39.4	60.9	82.4	54.2	236.9	0	Ci.	Cu.	10	----------	N.
26	E	NE	WSW	SW	NE	W	33.5	63.3	97.9	57.9	252.6	7	Ci.	Cu.-N.	10	----------	Cu.-N.
27	SE	SE	SW	SW	NW	W	49.7	69.4	96.8	47	262.9	7	Ci.	S.-Cu.	10	----------	N.
28	SW	NE	WSW	W	N	E	48.3	61.8	88	44.9	243	0	Ci.	Cu.	10	----------	Cu.-N.
29	E	NE	SW	W	NW	SE	54.9	52.5	92.3	59	253.7	1	Ci. SW	Cu.	10	----------	Cu.-N.
30	S	E	ESE	E	E	E	93.5	154.5	139.5	131.9	524.4	7	Ci.	Cu.-N.	9	Ci.-S.	Cu.-N.
Mean	-----	-----	-----	-----	-----	-----	73	87.6	97.3	76.6	339.5	6.3	----------	----------	9.4	----------	----------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	10,185.9	----	----------	----------	----	----------	----------

BAGUIO.

[ϕ=16° 25′ N; λ=120° 36′ E; barometer above sea, 1,512.5 meters; gravity correction not applied, —1.65 mm.]

JULY, 1916.

Day.	Atmospheric pressure, 600 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	35.93	35.85	36.42	35.77	36.13	36.99	36.18	17.1	17.4	22.5	21.1	17.4	16.5	18.7	24.4	15.6	83	75	55	88	95	93	81.5	29.2
2	36.25	36.06	36.79	36.04	35.91	36.66	36.28	16.5	17.1	21	20	19	18	18.6	21.9	15.6	91	80	83	91	93	88	87.7	.3
3	35.95	35.99	36.82	36.25	36.22	36.44	36.28	17.5	17	21.4	21	19.9	17.9	19.1	24.6	16.7	83	76	60	81	85	91	79.3	.5
4	35.77	35.30	35.67	35.38	35.24	36.14	35.58	17.5	17.1	20.6	20.9	18.3	17.4	18.6	21.8	16.7	84	84	68	68	84	84	78.7	.5
5	36.02	36 11	36.55	36.38	36.29	37.21	36.43	16.9	16.3	23.2	22.5	18.9	18	19.3	24.3	15.7	89	92	58	58	90	88	79.2	------
6	36.64	37	37.84	36.97	36.92	37.43	37.13	17.6	17.5	19.6	21.5	17.5	17.2	18.5	22.8	16.8	85	83	89	74	95	92	86.3	8.1
7	37.26	37.48	37.98	36.83	36.71	37.60	37.32	17	17.1	20.4	21.5	18.4	17.5	18.6	23.1	16.4	93	87	85	87	90	94	89.3	3.9
8	36.69	36.78	36.88	35.92	35.97	36.89	36.52	17	16.6	20.7	21	18	17.5	18.5	23.3	15.7	96	96	83	87	94	96	92	6.4
9	36.26	36.38	36.91	36.17	36.61	37.27	36.60	17.2	17	23	20.5	16.5	17	18.5	23.8	16	95	90	63	91	84	80	83.8	5
10	36.62	36.78	37.86	36.74	37.23	37.82	37.18	16.8	16.6	19.6	19.4	17.7	16.6	17.8	22	16	87	93	89	96	96	99	93.3	11.2
11	37.23	36.75	37.57	36.64	37.15	37.77	37.18	16.9	16.6	22.4	20.7	18.1	17.5	18.7	25.2	15.7	94	93	55	91	94	92	86.5	1.5
12	37.06	36.93	37.54	36.91	36.60	37.63	37.11	16.7	16.6	23	16.3	17.9	17.4	18	24.8	15.8	93	89	59	91	85	88	84.2	34
13	36.65	36.99	38.14	37.39	36.82	37.71	37.28	16.7	16.4	20.5	21.4	16.9	17.5	18.2	22.8	15.7	89	94	76	85	96	88	88	6.1
14	37.30	36.49	37.58	36.59	36.33	37.50	36.96	17.3	17.4	22.5	21.7	18.1	17.8	19.1	24.2	16.1	89	84	63	87	86	86	82.5	.3
15	36.54	36.30	37.15	36.39	37.10	37.32	36.80	16.2	17.1	21.9	23.9	17.5	17.9	19.1	24.7	15.5	86	74	56	70	78	72	72.7	10.7
16	36.77	36.59	36.92	35.96	35.64	36.60	36.41	17.1	16.5	22.6	23.3	18.5	18.3	19.4	25.4	15.4	79	82	62	80	83	82	78	------
17	36.06	35.82	36.60	35.79	34.77	35.77	35.80	17.4	17.2	22.9	23	18.5	17.4	19.4	25.3	16.1	86	83	61	61	65	80	72.7	.5
18	35.33	35.28	36.19	35.45	35.38	36.83	35.74	17.2	17.2	21	21.3	17.6	16.9	18.5	22.8	15.6	86	90	69	88	97	98	88	8.3
19	36.08	35.74	36.19	35.28	25.44	36.59	35.89	16.4	16.9	20.8	20.9	17.4	17.1	18.2	23.5	15.7	96	86	69	90	99	96	89.3	23.4
20	35.94	35.78	35.99	34.97	35.16	36.14	35.66	16.8	16.2	20.5	19.4	17	16.5	17.7	22.5	15.5	95	97	83	94	97	98	94	8.4
21	35.62	35.40	36.16	35.14	34.87	36.10	35.55	16.5	16.9	19.5	20.1	18	17.2	18	22.6	15.9	94	89	92	94	99	99	94.5	2.1
22	34.73	34.66	35.38	34.09	34.34	35.14	34.72	17.1	17.2	20.1	21.8	18.3	17.7	18.7	24.1	16.7	96	96	94	85	95	98	94	9.7
23	34.23	34.22	34.11	33.53	33.86	34.23	34.03	17.4	17.3	21.9	19.5	18	17.6	18.6	23.4	16.7	95	95	83	89	98	96	92.7	2.3
24	33.90	33.97	34.76	34.29	34.64	35.26	34.47	17.3	17.2	20.4	20.2	16.9	16.2	18	21.8	16	97	96	92	91	94	98	94.7	23.6
25	34.36	34.82	35.66	34.82	34.91	35.16	34.96	16.5	16	19.2	16.5	17	15.8	16.8	21.3	15.7	92	92	90	99	98	100	95.2	14.5
26	34.61	34.47	34.81	33.97	33.77	34.90	34.42	15.7	15.5	20.2	18.7	16.4	16.1	17.1	21.9	15	98	99	88	96	100	100	96.8	20.6
27	33.94	33.87	34.22	33.81	33.60	34.80	34.04	15.8	15.9	19.1	18.5	16.9	16.6	17.1	20.4	15.5	100	99	90	94	99	99	96.8	21.4
28	34.29	34.29	34.86	34.24	33.89	35.20	34.46	16.2	16.2	19.5	23.4	18.5	17	18.5	24.2	15.7	99	99	91	74	90	98	91.8	15.7
29	34.51	34.22	35.14	34.41	34.47	35.55	34.72	16.8	16.9	21	19.9	18	17	18.3	23.4	16.4	97	90	85	98	98	100	94.7	7.4
30	35.23	34.91	35.36	34.51	34.39	35.69	35.02	16.8	16.5	20.9	20.8	18.4	17.3	18.4	24	16.4	99	99	90	91	98	100	96.2	1
31	35.50	35.10	35.54	34.88	34.84	36.44	35.38	17	17	23.4	22.9	18.9	17.9	19.5	24.7	16.7	100	99	74	87	97	97	92.8	.3
Mean	35.78	35.69	36.31	35.53	35.52	36.41	35.87	16.9	16.8	21.1	20.8	17.9	17.2	18.4	23.4	16	91.8	89.7	76	85.7	92	92.6	88	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	276.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	E	SE	SE	W	NW	NE	192.1	114.3	76.9	70.5	453.8	7	A.-Cu.	S.-Cu.	10	----------	Cu.-N.
2	NE	SE	SW	W	E	E	42.3	52.1	68.2	117.7	280.3	7	Ci.	S.-Cu.	10	----------	Cu.-N.
3	E	SE	E	E	SE	E	137.9	121	102.2	109.2	470.3	1	Ci. ESE	Cu.	2	Ci.-S.	Cu.-N.
4	E	E	E	E	E	E	189.4	236.3	159	173.5	758.2	8	Ci.-S.	Cu.-N. E	10	Ci.-S.	Fr.-N. ESE
5	E	E	NNW	SE	W	SE	160.1	81.9	65.8	67.1	374.9	1	A.-Cu.	Cu.	2	Ci.-S.	Cu.
6	E	E	SW	E	NE	E	81.1	55.5	58.7	76.2	271.5	7	Ci.	S.-Cu.	9	Ci.-S.	Cu.-N. S
7	E	N	W	W	W	NE	59.8	58.7	89.6	44.3	252.4	7	A.-Cu.	S.-Cu.	10	----------	Cu.-N.
8	S	ESE	SW	W	N	S	53.9	77.5	96.6	51.2	279.2	1	Ci. NW	S.	10	----------	S.
9	E	SE	E	W	NE	S	56.6	69.2	110.2	40.4	276.4	0	Ci.	Cu.	10	----------	N.
10	E	E	WSW	W	SE	E	67	49.9	90.1	49.7	256.7	0	A.-Cu. NE	Cu.	10	----------	S.
11	SE	E	SE	WSW	N	E	95.5	113.8	89.9	69.5	368.7	0	Ci.	Cu.	10	----------	Cu.
12	NE	E	E	E	NE	SE	76.4	93.8	85.1	115.9	371.2	0	Ci.	Cu.	10	----------	N.
13	NE	NNE	WSW	W	NE	E	97.2	76.9	88.3	104.6	367	0	Ci.	Cu.	10	----------	Cu.-N.
14	E	E	ESE	SW	NE	E	124.2	138.1	88.5	132	482.8	5	Ci.	S.-Cu.	8	----------	Cu.-N. ENE
15	E	E	ESE	SW	Calm	E	150.3	117	80.5	116.2	464	9	Ci.-S.	Cu.-N.	7	Ci.-S.	Cu.-N.
16	E	NNE	SE	S	SW	SE	53.1	67.1	59.7	68.7	248.6	1	Ci.	Cu.	9	Ci.-S.	Cu.
17	E	E	NE	E	SSE	E	68.6	64.9	141.1	102.5	377.1	0	Ci. ESE	Cu.	9	A.-Cu.	Cu.-N.
18	E	SE	E	W	NE	NW	108.3	108.3	56.1	51.5	324.2	1	Ci.	Cu.-N.	10	----------	Cu.-N. SSE
19	E	E	SE	WSW	NE	N	81.5	44.8	90.3	39.6	256.2	4	Ci.	S.-Cu.	10	----------	Cu.-N.
20	W	NNE	WSW	SW	N	SW	36.7	51.7	104.9	50.2	243.5	3	Ci.-S.	Cu.	10	----------	N.
21	E	W	SW	W	NW	E	50.4	55.8	98.4	37.8	242.4	0	A.-Cu.	Cu.	10	----------	N.
22	SE	E	WSW	W	N	W	49.6	62.8	99.8	51.5	263.7	4	A.-Cu.	Cu.-N.	9	----------	Cu.-N. NWbyN
23	N	NE	SW	W	W	SE	41.6	78.4	66.2	51	237.2	4	Ci.	Cu.-N.	9	Ci.-S.	Cu.-N.
24	NW	E	W	NW	NW	SE	32.4	55.2	125.7	58.7	272	7	Ci.	Cu.-N.	10	----------	Cu.-N.
25	E	W	W	W	NW	E	34	42.3	93.1	37.5	206.9	1	Ci.	Cu.-N.	10	----------	N.
26	NW	E	SW	W	W	W	24.1	53.2	107	53.2	237.5	0	Ci.	Cu.	10	----------	N.
27	SE	SW	WSW	SW	WSW	W	36.7	81.5	170.8	121.5	410.5	7	A.-Cu.	Cu.-N.	10	----------	N.
28	SW	W	WSW	W	NW	W	74.2	75.1	130.2	51.8	331.3	9	----------	Cu.-N.	7	Ci.	Cu. W
29	NE	W	SW	WSW	SW	SE	29	55.3	118.1	40.7	243.1	0	Ci.	Cu.	10	----------	Cu.-N.
30	NE	E	SW	W	NW	SW	54.7	58.1	100.9	36	249.7	3	Ci.	Cu.	10	----------	N.
31	NW	E	NE	W	NW	NE	27.9	46.1	110.8	49.7	234.5	0	Ci.	Cu.	10	----------	Cu.-N.
Mean	-----	-----	-----	-----	-----	-----	77	79.2	97.5	72.3	326	3.1	----------	----------	9.1	----------	----------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	10,105.8	-----	----------	----------	-----	----------	----------

BAGUIO.

[ϕ=16° 25′ N; λ=120° 36′ E; barometer above sea, 1,512.5 meters; gravity correction not applied, —1.65 mm.]

AUGUST, 1916.

Day.	Atmospheric pressure, 600 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	36.03	35.93	36.49	35.80	36.15	36.95	36.22	17.4	17.6	22.5	21.7	19.4	18.5	19.5	23.7	16.8	97	92	78	88	93	93	90.2	34.3
2	36.44	36.24	36.55	35.79	35.61	37.11	36.29	17.9	17.1	20.8	20.6	17.5	17.1	18.5	22.8	16.6	93	91	86	92	99	100	93.5	13.2
3	36.40	36.39	36.79	35.55	35.80	37.12	36.34	16.9	17	18.9	21.5	18.4	18	18.4	23.4	16.4	100	98	98	87	97	99	96.5	6.5
4	36.79	36.79	37.16	36.30	36.56	37.28	36.81	17.7	16.9	19.6	19.1	17.5	17	18	22.8	16.1	98	99	97	98	99	96	97.8	52.5
5	35.94	35.61	36.48	35.35	35.30	36.22	35.82	16.3	16.7	20.2	18.9	17.5	16.8	17.7	22.8	15.6	95	87	88	96	99	100	94.2	32.4
6	35.53	35.55	35.94	35.22	35.09	36.47	35.63	16.1	16.1	17.4	17	16.5	15.8	16.5	19.3	15.7	100	100	95	98	99	100	98.7	45
7	35.74	35.72	36.75	35.66	35.59	36.94	36.07	15.9	15.9	17.7	18.3	16.5	16	16.7	19.7	15.4	100	99	86	87	99	100	95.2	16.4
8	36.10	36.21	37.03	35.82	35.59	36.07	36.14	16.2	16.5	19.4	17.6	16.9	16.9	17.2	20.9	15.5	100	100	95	100	99	98	98.7	60.7
9	35.26	34.64	34.92	33.49	33.95	34.41	34.44	16.9	17	16.9	17	17	17.1	17	17.7	16	99	99	99	99	99	100	99.2	113.3
10	32.85	32.47	33.34	31.81	31.26	32.56	32.38	17.4	17.2	17.4	17.3	17.4	17.4	17.4	17.9	16	99	100	99	100	99	100	99.5	131.6
11	31.77	31.38	32.02	31.62	32.03	32.65	31.91	17.5	17.5	17.6	16.3	15.9	17.7	17.1	18.4	15.5	100	99	100	100	100	96	99.2	193.5
12	31.71	31.54	32.39	31.81	31.37	32.73	31.92	17.5	17.4	17.9	17.9	18.1	18.1	17.8	18.4	16	100	99	99	99	99	100	99.3	136.1
13	31.48	31.84	32.89	32.73	32.79	34.43	32.69	17.9	17.5	17.6	17.9	17.9	17.3	17.7	18	16	100	99	100	100	100	100	99.8	125.5
14	34.36	34.30	35.34	25.12	35.02	36.69	35.14	17	16.9	17.4	17.3	17	16.3	17	18.2	15.9	100	99	99	99	100	100	99.5	26.6
15	35.94	36.60	37.67	36.69	36.60	38.03	36.92	16.2	16.4	19.6	21.5	18	17.1	18.1	23.3	15.7	100	100	88	87	99	100	95.7	.5
16	37.04	36.77	36.96	35.80	35.32	36.56	36.41	16.7	16.6	18.7	18.4	16.5	16.2	17.2	21.5	16.1	99	99	93	98	100	100	98.2	92.8
17	36.01	35.45	35.84	34.43	34.80	36.21	35.46	16.3	16.1	16.8	17.5	15.9	15.3	16.3	18.1	14.7	99	99	99	100	100	100	99.5	34.2
18	35.19	35.08	35.10	34.25	35.10	36.19	35.15	15.5	15.9	17.1	17.4	16	14.9	16.1	17.5	14.3	97	99	96	100	99	100	98.5	81.6
19	35.47	35.26	35.79	34.81	34.87	35.79	35.33	15.7	15.9	17.9	17.3	16.5	16.3	16.6	18.5	14.8	100	97	99	99	100	100	99.2	46
20	35.17	35.49	35.86	35.54	35.55	36.42	35.67	16.2	15	17.1	16.1	15.9	16	16	18.9	14.5	96	98	99	98	99	99	98.2	17
21	36.06	35.83	37.17	36.21	36.64	38.12	36.67	15.8	15.6	18	20.3	17.7	16.5	17.3	21.7	15.3	100	99	90	82	97	98	94.3	------
22	37.66	37.49	38	36.69	36.85	38.36	37.51	16	16.1	20.6	20.4	18	16.8	18	23.1	15.2	93	86	81	90	96	97	90.5	.5
23	37.44	37.05	37.63	35.50	35.80	36.61	36.57	16.3	16.6	20	21.9	18	17	18.3	23.6	15.3	93	79	78	89	95	97	88.5	11.5
24	35.73	35.34	35.93	35.22	35.53	36.51	35.72	16.4	16.3	21.5	19.4	16.9	16.1	17.8	22.8	15.7	93	88	87	92	99	96	92.5	14.1
25	36.07	35.55	36.59	36.16	36.42	38.24	36.50	16	16.3	21.4	20	17.8	16.8	18	23	15.5	94	85	75	93	95	95	89.5	1.3
26	37 37	36.83	38.11	36.87	37.36	38.29	37.48	16.9	17.2	22.8	22	17.9	17.6	19.1	24.8	16.2	93	83	62	89	89	93	84.8	32.3
27	37.32	36.65	37.53	36.35	36.29	37.21	36.89	16.6	15.9	20.4	22.4	19	17.4	18.6	24.5	15.4	94	92	64	82	98	100	88.3	------
28	36.66	36.40	37.30	36.39	36.01	36.87	36.60	16.8	17	21.7	20	17	17.3	18.3	24	16.1	97	94	80	82	88	85	87.7	6.4
29	35.73	35.70	36.93	36.06	35.59	36.87	36.15	16.9	16.5	20.7	20.1	17.5	17.8	18.2	22.8	16.1	82	80	82	89	87	82	83.7	------
30	35.90	35.67	36.67	35.76	36.49	37.47	36.33	16.9	16	21	22.8	17.9	17.2	18.6	23.7	15.9	85	88	84	78	90	89	85.7	------
31	36.82	37.20	37.79	36.91	37.58	38.20	37.42	16.5	16.9	22	22.9	17.1	16.6	18.7	24.3	15.7	91	80	73	78	87	88	82.8	9.4
Mean	35.61	35.45	36.14	35.22	35.32	36.44	35.70	16.7	16.6	19.3	19.3	17.3	16.9	17.7	21.3	15.7	96.4	93.8	88.7	92.5	96.7	96.8	94.2	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	1,335.2

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	W	E	NW	WSW	W	NE	58.1	62.6	91.1	46.2	258	0	Ci.	Cu.	10	----------	Cu.-N. WSW
2	NW	SW	W	W	NW	N	35.4	62.2	113.5	62.8	273.9	1	Ci. ENE	Cu.	10	----------	Cu.-N.
3	NW	W	W	W	WNW	W	40.5	97.7	90.3	45.3	282.8	10	----------	S.	9	Ci.	Cu.-N. WNW
4	W	W	W	WSW	W	W	37.5	68.6	167.4	86.9	360.4	10	----------	S.	10	----------	N.
5	W	SE	W	SW	WSW	W	38	61.8	133.6	132.5	370.9	9	Ci.-S.	Cu.-N.	10	----------	N.
6	W	W	W	WSW	WSW	SW	126.3	150.2	186.1	192.8	655.4	10	----------	N.	10	----------	Cu.-N.
7	W	WSW	SW	SW	SW	SW	207.4	157.1	211.3	165.2	741	10	----------	S.	9	A.-Cu.	Cu.-N. WSW
8	SW	WSW	W	WSW	W	SW	123.7	151.8	227.7	254.8	758	10	----------	S.	10	----------	N.
9	SW	SW	SW	SW	WSW	W	262.1	326.9	421.5	366.2	1,376.7	10	----------	N.	10	----------	N.
10	SW	SW	SW	SW	SW	SW	370	404	420.6	401	1,595.6	10	----------	N.	10	----------	N.
11	SW	SW	SW	WSW	SW	SW	391.1	387.1	322.4	325.7	1,426.3	10	----------	N.	10	----------	N.
12	SW	SW	SW	SW	SW	SW	338.1	362.4	402.1	407.2	1,559.8	10	----------	N.	10	----------	Cu.-N.
13	W	WSW	SW	SW	SW	SW	391.6	350.7	337.2	244.8	1,324.3	10	----------	N.	10	----------	N.
14	SW	SW	SW	SW	W	SW	153.1	205	211.9	89.9	659.9	10	----------	N.	10	----------	Cu.-N.
15	SE	WSW	WSW	W	W	W	80.7	127.6	137.6	101.9	447.8	10	----------	N.	9	----------	Cu.-N.
16	W	SW	WSW	W	W	SW	69.2	87.2	211.3	177.6	545.3	10	----------	S.	10	----------	N.
17	W	SW	SW	W	SW	W	185	203	267.3	222.6	877.9	10	----------	S.	10	----------	N.
18	W	SW	WSW	WSW	WSW	W	175.7	251.3	316.5	258.3	1,001.8	10	----------	Cu.-N.	10	----------	N.
19	SW	WSW	WSW	WSW	W	SW	194.2	222.6	282.6	223.7	923.1	10	----------	Cu.-N. WSW	10	----------	N.
20	SW	NW	SW	SW	W	W	190.2	142.9	185	87.5	605.6	10	----------	N.	10	----------	N.
21	NW	E	SW	W	WSW	W	62	96.8	135.4	82.1	376.3	4	----------	Cu.-N.	9	Ci.	Cu. SW
22	W	W	SW	W	NW	NE	47.2	73.4	112.9	76.1	309.6	0	Ci.	Cu.	0	----------	Cu.-N.
23	NE	W	WSW	W	WNW	W	56.1	47.8	93.9	51.7	249.5	4	Ci.-S.	Cu.	9	Ci.-S.	Cu.-N. WbyS
24	W	W	SW	SW	W	W	44	63.1	123.3	90.4	320.8	3	Ci.-S. NE	Cu.	10	----------	N.
25	N	E	NE	W	W	W	41.8	46.2	73	36.5	197.5	10	Ci.-S.	S.-Cu.	10	----------	N.
26	E	SE	SE	W	SE	SE	73.7	57.1	88	55	273.8	0	Ci.	Cu.	10	----------	Cu.-N.
27	N	NE	SSE	SW	W	SE	66.8	36.4	76.1	65	244.3	0	Ci.-S.	Cu.	7	A.-Cu.	Cu.
28	E	N	WSW	WSW	NNE	SW	61.2	71.6	109.9	70.8	313.5	0	Ci.	Cu.	10	----------	N.
29	SE	S	SW	SW	NE	E	49.7	47.8	83.7	60.6	241.8	0	Ci. SW	Cu.	9	Ci.	Cu.-N. S
30	E	NE	SW	WSW	E	SE	75.9	52.3	80.7	106	314.9	9	----------	S.	8	Ci.	Cu.
31	E	SE	SW	SW	NE	NE	74	66.2	92.3	76.1	308.6	2	Ci. NE	Cu.	7	Ci.-S.	Cu.
Mean	------	------	------	------	------	------	134.5	146.5	187.7	150.4	619.2	6.8	----------	----------	9.5	----------	----------
Total	------	------	------	------	------	------	-----	-----	-----	-----	19,195.1	----	----------	----------	----	----------	----------

BAGUIO.

[$\phi = 16°\ 25'$ N; $\lambda = 120°\ 36'$ E; barometer above sea, 1,512.5 meters; gravity correction not applied, —1.65 mm.]

SEPTEMBER, 1916.

Day.	Atmospheric pressure, 600 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	37.05	37.27	38.22	36.58	36.70	37.51	37.22	16.8	16.9	19.7	19.6	17.6	17.3	18	21.8	15.7	80	76	81	93	94	93	86.2	31.3
2	36.58	36.19	36.50	35.16	35.14	35.26	35.80	16.2	15.9	20.6	21.2	17.4	16.8	18	21.8	15.5	97	94	88	89	94	93	92.5	10.7
3	34.20	34.13	34.01	32.64	32.02	33.26	33.38	16.8	16.9	18.4	17.1	16.7	16.9	17.1	20	15.7	98	99	100	99	100	99	99.2	177.3
4	31.90	30.98	31.75	29.51	31.27	32.58	31.83	16.6	16.9	17	17	16.5	15.4	16.6	17.9	15.8	100	99	99	99	99	100	99.3	139.4
5	32.11	32.35	34.18	33.82	33.92	35.15	33.59	15.7	16.6	16.7	17.1	16.3	16.2	16.4	17.5	15.9	97	91	91	87	99	96	93.5	28
6	34.99	34.83	36.19	34.92	35.17	36.59	35.45	15.5	15.4	18.3	20.9	18	17.1	17.5	21.5	14.6	95	91	77	68	85	93	84.8	
7	35.31	35.73	36.89	35.46	36.20	37.58	36.20	16.5	16.3	20.4	18.7	17.2	15.8	17.5	24.2	15.3	97	96	73	90	96	100	92	3.6
8	36.33	36.01	37.15	35.82	35.99	36.85	36.36	15.8	17	20.9	20	17.5	16.1	17.9	22.8	15.3	89	75	75	83	88	94	84	4.1
9	35.69	35.75	36.44	34.93	35.41	36.45	35.78	16.6	17.2	21.1	19.6	17.1	16.8	18.1	22.7	15.5	91	85	83	97	97	97	91.7	14
10	35.93	36.07	36.79	35.07	35.73	36.58	36.03	16.3	16.7	22.1	21.2	17.4	17.4	18.5	23.5	16.1	95	90	67	91	93	90	87.7	2.6
11	36	36.10	36.71	35.62	35.77	37.60	36.30	16.7	16.2	22.4	21	18.5	18	18.8	24.2	16	91	88	65	79	98	93	85.7	.3
12	36.63	37	37.96	35.99	36.48	37.56	36.94	16.9	16.2	21.9	22.5	16.9	16.9	18.6	23.2	15.8	95	96	70	89	93	94	89.5	13.5
13	36.84	36.22	36.71	35.62	35.64	36.62	36.28	16.5	15.6	22.8	20	17.4	17.1	18.2	23.7	15.4	95	98	74	96	97	92	92	18.8
14	35.48	35.25	35.98	34.50	34.22	35.03	35.08	16.2	16.9	20.4	18.8	18.9	17.4	18.1	22.1	15.6	96	87	76	95	93	94	90.2	
15	34.31	33.67	34.62	33.97	34.53	35.64	34.46	17	16.9	17.8	20.4	16.6	16.2	17.5	21.6	15.9	94	92	90	72	96	96	90	.8
16	34.56	34.97	35.96	34.77	35.27	36.65	35.36	16	15.9	18.6	20	16.7	16	17.2	21.7	15.3	95	93	82	78	95	96	89.8	30.3
17	35.24	35.12	35.31	34.90	35.09	36.01	35.28	15.2	15	18	20.4	16.9	15.6	16.8	21.8	15	95	88	74	82	90	95	87.3	
18	35.13	34.35	35.59	34.30	34.73	35.50	34.93	16.4	15.9	20.5	22.6	17.1	16.1	18.1	23.3	15	80	79	75	79	97	94	84	3
19	34.97	34.44	35.31	34.74	35.10	36.18	35.12	15.7	16	21.4	21.2	17.5	16.7	18.1	22.5	14.9	92	88	76	83	95	96	88.3	
20	35.47	35.45	36.34	35.19	35.23	36.24	35.65	16.7	16.9	21.1	20.9	17.9	17.1	18.4	22.4	15.7	96	90	82	86	95	99	91.3	
21	34.95	34.62	35.16	34.26	34.56	35.38	34.82	16.5	16.6	20.2	21	17.5	16.8	18.1	23	15.7	97	93	84	89	97	99	93.2	1
22	34.20	33.82	34.29	32.35	32.46	33.82	33.49	16.7	16.9	19.5	19.5	17.5	17.1	17.9	23.3	16.3	97	94	95	92	98	97	95.5	10.1
23	32.55	32.19	32.70	31.16	31.29	31.54	31.90	16.9	17.5	20.6	19.4	18.1	17.1	18.3	22.1	16.3	95	86	87	89	98	95	91.7	13.7
24	30.83	30.35	30.85	29.25	29.53	30.24	30.18	17.1	16.9	18.5	20	17.4	17.1	17.8	21.2	16.5	95	97	96	95	99	98	96.7	37.3
25	29.25	29.26	31.14	30.11	30.70	31.93	30.40	16.4	16	17.2	17.4	16.5	16.3	16.6	18.1	15.7	99	100	98	97	93	97	97.3	20.8
26	31.36	32.09	33.59	32.67	33.61	34.73	33.01	16	16.9	19.5	20.9	17.6	16.8	18	22.4	15.6	98	89	81	76	92	94	88.3	12.7
27	33.96	34.38	35.86	34.37	34.19	35.30	34.68	16.6	16.4	17.2	17.6	17	16	16.8	19.2	15.4	95	98	98	97	99	100	97.8	28.3
28	34.41	34.42	35.30	33.90	33.92	34.80	34.46	16	16.1	16.6	17.2	16.5	15.9	16.4	17.8	15.7	99	99	99	97	99	97	98.3	14.8
29	33.87	33.91	34.83	33.40	33.77	34.62	34.07	15.5	15.4	18.4	18.2	16.9	16.8	16.9	20.3	15.3	100	88	95	96	98	97	95.7	32
30	33.76	34.31	35.92	35.13	35.76	36.91	35.30	16	16	13.7	21.9	17.9	17.3	18	23.3	15.7	100	96	86	66	80	89	86.2	
Mean	34.46	34.37	35.23	34	34.31	35.24	34.63	16.3	16.4	19.6	19.8	17.3	16.7	17.7	21.7	15.6	94.8	91.2	83.9	87.6	94.9	95.6	91.3	
Total																								648.4

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	N	Calm	WSW	WSW	NW	E	42	51.8	75.1	76.2	245.1	0	Ci.	Cu.	10	----------	N.
2	E	NNE	WSW	WSW	W	NW	63.9	48.3	83.2	55	250.4	2	Ci. SSE	S.-Cu.	10	----------	S.
3	W	WNW	WSW	WSW	WSW	SW	67.1	125.8	266.9	62	521.8	10	----------	S.	10	----------	N.
4	W	WSW	WSW	W	W	SW	215.	349.6	377.1	219.[illegible]	1,161	10	----------	N.	10	----------	N.
5	SW	SW	SW	SSW	SE	SW	319.6	202.4	141.4	135.[illegible]	798.9	10	----------	N.	10	----------	N. SSW
6	SE	SE	SE	SE	ESE	E	147.9	127.4	107.5	131.7	514.5	10	----------	Cu.-N. SSE	4	A.-Cu.	Cu.
7	E	ESE	SE	WSW	N	N	165.8	71.3	105.7	70.5	413.3	2	A.-Cu.	Cu.	10	----------	Cu.-N.
8	NE	W	SW	WNW	NW	W	79.7	56.1	104	66.5	306.3	0	Ci.-S.	S.-Cu.	9	----------	Cu.-N.
9	N	SE	SW	WSW	SE	E	56	53.2	85.3	147.1	341.6	1	Ci.-S.	Cu.	10	----------	Cu.-N.
10	E	E	E	SW	NE	E	86.9	44.8	92.8	100.1	324.6	1	Ci.	Cu.	10	Ci.-S.	Cu.-N.
11	E	E	E	E	SE	S	75.3	111.8	54.1	74	315.2	3	Ci.-S.	Cu.	8	Ci.-S.	Cu.-N.
12	E	E	E	SW	NE	SW	77.7	75	90.9	50.7	294.3	7	Ci.-S.	Cu.-N.	9	----------	Cu.-N. SW
13	SE	E	S	WSW	NE	E	46.9	62.5	91.9	57.9	259.2	0	Ci.	Cu.	10	----------	Cu.-N.
14	NE	Calm	E	W	NE	E	43.7	28.8	36.4	63	171.9	10	----------	N.	10	----------	N.
15	E	E	E	ESE	S	E	137.9	183.2	135.4	175.2	631.7	7	Ci.-S.	Cu.-N.	8	A.-Cu.	Cu. SE
16	E	E	ESE	SSE	E	E	165.4	150	72.1	109.9	497.4	8	Ci.	Cu.-N. SE	10	----------	Cu.-N. SSE
17	E	E	E	W	W	NE	112.9	97.6	95.2	70.8	376.5	10	----------	N.	10	Ci.-S.	Cu.-N.
18	W	W	W	SW	W	NW	61.5	99.8	107.6	75.4	344.3	0	Ci.	S.-Cu.	7	Ci.-S.	Cu. WSW
19	NW	NW	SW	SW	N	NW	59.2	95.5	131.7	57.7	344.1	0	Ci. NE	Cu.	5	Ci.	Cu. WNW
20	W	NW	WSW	W	NW	N	67.6	103.2	120.1	91.5	382.4	0	Ci.	Cu.	10	----------	Cu.-N. WNW
21	NW	NW	W	NW	NW	NW	78.6	113.7	139.8	71.1	403.2	7	Ci.-S.	Cu.-N.	9	----------	Cu.-N. NW
22	N	NW	W	WNW	N	W	109.4	99.2	108.9	88.7	406.2	3	Ci.-S.	Cu.	10	----------	N.
23	NE	ENE	SW	SW	SE	E	44.5	54.5	50.1	109.1	258.2	4	Ci. SEbyS	S.-Cu.	10	----------	Cu.-N.
24	NE	N	WSW	W	SE	SE	26	48	74.5	100.4	248.9	4	Ci.	Cu.-N.	10	----------	N.
25	E	SW	SW	WSW	SE	SE	128.4	118.5	91.9	79.4	418.2	10	----------	N.	10	----------	N.
26	S	SW	SSE	SSE	S	E	101.1	75.4	68.9	110.5	355.9	10	----------	N.	7	A.-Cu.	Cu. SW
27	S	SSE	W	WSW	WSW	SW	97.4	82.1	87.2	121.8	388.5	10	----------	N.	10	----------	Cu.-N.
28	SW	W	SE	E	E	E	96.8	57.3	30.8	55.3	240.2	10	----------	Cu.-N.	10	----------	N.
29	E	SE	WSW	SSE	SE	E	84.6	44.5	70.6	105.9	255.6	7	Ci.	S.-Cu.	9	Ci.-S.	Cu.-N. E
30	SW	SE	ESE	ESE	SE	E	140.6	65	73.4	135.7	414.7	1	Ci.	Cu.	5	Ci.	Cu. SbyE
Mean							93.3	96.5	105.7	95.6	396.1	5.2	----------	----------	9	----------	----------
Total											11,884.1						

BAGUIO.

[$l\phi = 16°\ 25'$ N; $\lambda = 120°\ 36'$ E; barometer above sea, 1,512.5 meters; gravity correction not applied, —1.65 mm.]

OCTOBER, 1916.

Day.	Atmospheric pressure, 600 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	36.16	36.20	36.71	36.28	36.72	38	36.68	16.6	16	22	21.8	18.9	17.9	18.9	23.7	15.9	91	93	69	84	96	97	88.3	2.8
2	36.96	36.74	37.77	35.74	36.77	37	36.83	17.5	16.7	20.7	21.5	18.4	17.8	18.8	23.3	16.5	96	95	82	87	96	93	91.5	5
3	35.75	36.10	37.19	35.54	36.20	36.61	36.23	16.8	16.2	20.1	21	17.5	16.9	18.1	22.8	15.9	89	88	80	89	98	96	90	11.3
4	35.82	36.13	37.26	35.46	35.78	36.66	36.18	16.5	16.4	18	18.4	16.6	16.5	17.1	18.8	16.3	97	97	95	99	99	98	97.5	11.7
5	35.77	35.80	36.77	35.45	35.52	36.22	35.92	15.8	15.9	16.2	17.2	16.6	15.8	16.2	18.8	15.1	96	90	98	98	99	99	96.7	13
6	35.41	35.20	36.20	34.39	34.90	35.85	35.32	15.5	15.5	17.9	18.8	15.9	15.8	16.6	19.8	15.4	100	100	89	96	96	96	96.2	15.5
7	34.80	34.95	36.37	35.23	35.45	36.81	35.60	15.5	15.2	19.5	20.5	17.7	16.4	17.5	22.5	15.1	92	91	75	67	96	97	86.3	1
8	36.07	35.83	36.82	35.59	35.78	36.60	36.12	15.9	15.9	20.2	20.3	17.6	17.2	17.8	21.8	15.4	88	81	74	85	94	93	85.8	.5
9	35.73	35.85	36.75	35.44	35.33	36.63	35.96	16.6	16	18.1	18	16.9	16.5	17	19	15.9	93	95	93	99	99	99	96.3	30.3
10	35.61	35.60	36.73	35.23	35.88	37.16	36.04	16.1	15.6	15.7	16.5	15.1	14.6	15.6	17.1	14	99	99	100	100	99	96	98.8	21.1
11	36.42	36.60	37.72	36.23	36.33	37.06	36.73	15.7	15.2	19.2	21.5	19.2	17.5	18	22.3	14.9	92	93	84	78	71	77	82.5	
12	36.38	36.45	37.04	35.77	36.08	37.38	36.52	16.6	16.5	21.6	22.1	17.9	18	18.8	23.5	16	85	78	69	84	91	89	82.7	14.7
13	36.59	36.70	37.83	36.42	36.60	37.38	36.92	17	16.4	23	21.7	19.2	17.1	19.1	25.2	15.9	83	93	69	87	83	89	84	
14	36.45	36.43	37.53	35.99	35.98	36.56	36.49	16.1	16.2	22.9	22.8	18.1	16.9	18.8	24.7	15.4	93	83	60	83	76	82	79.5	
15	36.05	35.40	36.54	34.92	35.30	36.47	35.78	16.6	16.7	23.9	20.1	17	16.5	18.5	24.3	15.3	79	68	52	90	94	92	79.2	26.5
16	34.92	34.87	35.74	34.34	34.71	35.45	35	17	17.4	19.7	19	17.3	16.7	17.8	21.9	16.1	88	85	90	95	98	98	92.3	13.5
17	34.50	34.34	35.33	33.76	34.23	35.39	34.59	16.6	16.5	18.1	17.9	17	16.5	17.1	19.5	16	99	99	96	99	98	97	98	23.3
18	34.96	35.42	36.64	35.04	35.49	35.80	35.56	16.3	16.3	18	19.9	16.9	16.6	17.3	20.3	15.8	100	100	93	79	97	97	94.3	1
19	34.54	34.88	35.72	34.89	35.70	35.58	35.22	16.4	16.2	19.7	21	18	17.2	18.1	23	15.9	95	97	81	79	94	93	89.8	7.4
20	35.05	35.01	36.62	35.37	36.04	36.42	35.75	16.2	16.2	21	21.7	18.7	17.6	18.6	23.8	15.8	88	92	69	65	78	82	79	
21	35.71	36.44	37.61	36.75	37.04	37.37	36.82	16.9	16.4	21	22	17.9	17.1	18.6	23.8	15.9	80	80	63	60	82	83	74.7	1.8
22	36.41	35.54	37.05	35.61	35.50	36.23	36.06	16.2	15.9	18	19	17.9	17.9	17.5	19.2	15.5	92	88	80	79	80	74	82.2	1
23	35.42	36.05	37.02	35.72	35.94	37.04	36.20	17.4	17.2	21.9	21	18	17.6	18.8	24.3	16.5	81	82	65	77	94	93	82	1.8
24	35.65	36.60	38.40	36.64	37	38.45	37.12	17.2	17.4	21.6	23.4	18.9	17.9	19.4	24.8	16.3	91	88	68	59	80	86	78.7	
25	37.20	37	38.19	36.84	37.32	38.55	37.52	17.2	17.3	22.9	21.4	18.9	17.6	19.2	24.7	16.7	89	86	63	69	76	80	77.2	
26	37.88	38.21	39.04	37.47	37.70	38.71	38.17	17	16	21.2	21.8	18.2	15.9	18.4	22.9	15.7	83	88	62	52	67	75	71.2	
27	37.87	37.64	38.49	36.88	36.55	37.53	37.54	15.9	15.5	22.5	22.4	18	17.4	18.6	24.2	14.4	75	72	59	52	69	69	66	
28	33.51	36.39	37.63	35.83	36.57	37.42	36.72	16.1	16.1	21.5	21.9	18.2	17.2	18.5	24.9	15.5	77	78	60	74	86	95	78.3	.5
29	33.89	36.92	38.20	36.82	36.94	37.87	37.27	16.2	15.5	23.9	20.6	18.1	17.2	18.6	25.3	15.1	90	82	53	87	97	85	82.3	
30	37.29	37.55	38.44	36.75	36.98	37.13	37.36	16.3	16.4	23.1	21.5	17.9	17.1	18.7	23.9	15.5	88	80	58	77	94	84	80.2	
31	36.26	36.25	36.92	35.14	35.54	36.02	36.02	16.5	16	23.8	20.5	17.1	16.8	18.4	24.8	15.6	78	75	54	85	89	86	77.8	1.8
Mean	36.03	36.10	37.17	35.73	36.07	36.88	36.33	16.5	16.2	20.5	20.6	17.7	17	18.1	22.5	15.6	89.3	87.6	74.3	81.1	89.2	89.4	85.1	
Total																								205.5

Day.	Wind.										Clouds.				
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.		2 p. m.	
												Amount.	Form and direction.	Amount.	Form and direction.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Mid-night.			Upper. Lower.		Upper. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*		*0–10*	
1	SE	E	SE	SW	W	S	139.7	122	88.2	41.5	391.4	0	Ci. Cu.	10	Cu.-N.
2	S	NE	WSW	W	NE	NW	39.2	74	88.3	61.8	263.3	6	Ci. S.-Cu. NNE	9	Cu.-N.
3	NW	W	E	WSW	N	E	78.4	46.5	88.3	39.2	252.4	7	Ci.-S. S.-Cu.	9	Cu.-N.
4	W	NE	NNW	W	W	SE	48.1	33.5	59.3	37.2	178.1	10	Cu.-N. N	10	S.
5	NW	NW	NE	W	SW	W	54.9	54.7	77.2	44.5	231.3	10	N.	10	N.
6	SW	E	SSE	WSW	ESE	E	34.3	50.4	56.5	165	306.2	10	N.	10	Cu.-N.
7	E	E	ESE	ESE	SE	E	152.9	156.4	78.7	58.4	446.4	1	Ci.-S. NE Cu.-N.	9	Ci.-S. Cu.-N. ESE
8	E	E	S	SW	SE	E	84.7	51	44.3	30	210	9	N.	10	Cu.-N.
9	NW	N	W	NNW	NNW	NW	44.6	54.7	75.4	85.5	260.2	10	N.	10	N.
10	W	SW	WSW	SW	SW	W	134.4	129	166.8	143.5	573.7	10	N.	10	N.
11	SW	WSW	WSW	WSW	W	E	62.8	66.5	73.5	30.8	233.6	9	S.-Cu.	7	Cu.-N. SW
12	NE	N	WSW	W	NE	S	23.9	53.1	87.1	73.8	237.9	2	Ci.-S. S.-Cu.	10	Cu.-N.
13	E	NE	ESE	SW	E	E	69.7	59	59	98.7	286.4	0	Ci. Cu.	6	Ci.-S. Cu.
14	E	E	ESE	NE	SE	E	145.1	93.5	71.6	104.6	414.8	1	Ci. Cu.-N.	9	Ci.-S. Cu. E
15	E	E	ESE	WSW	WSW	SE	87.9	95.6	97.2	68.9	349.6	4	Ci.-S. Cu.-N.	10	Cu.-N.
16	E	SE	SW	S	SE	E	54.1	57.9	34	46.1	192.1	3	S.-Cu.	10	N.
17	NW	NW	SSW	SW	SE	E	25.2	32.7	46.4	106.2	210.5	10	N.	10	N.
18	SE	SE	NE	SE	SE	E	100.1	78.3	80	149.4	407.8	10	Cu.-N.	10	Cu.-N.
19	SE	E	E	SW	E	E	189.6	162.2	54.7	216.2	622.7	8	S.-Cu. ESE	10	Cu.-N.
20	E	E	E	E	E	E	215.4	197.7	136.2	259.3	808.6	1	Ci. Cu.-N.	7	Cu.-N. Ebys
21	E	E	E	SE	E	E	326.1	223.2	136.6	162.3	848.2	1	Ci. Cu. E	4	Ci.-S. Cu.-N.
22	E	E	ESE	E	E	E	237.1	284.5	201.6	290.9	1,014.1	10	N.	10	Ci.-S. Cu.-N.
23	E	ESE	E	NE	E	E	201.3	167.4	89.8	152.9	611.4	1	Ci. S.-Cu.	10	Ci.-S. Cu.
24	E	ESE	E	ESE	E	E	234.7	151.6	85	107	578.3	3	Ci.-S. Cu.-N.	4	A.-Cu. Cu.
25	E	E	E	ESE	E	E	191.2	171.9	138.9	168.7	670.7	0	Ci. Cu.-N.	5	A.-Cu. Cu. E
26	E	E	E	E	SE	E	159.5	209.4	152.3	139.7	660.9	1	Ci. Cu.-N.	1	Ci.-S. Cu.
27	E	E	E	ESE	E	E	111.2	140.5	132.8	153.1	537.6	0	Ci.-S. NbyE Cu.-N.	2	Ci.-S. Cu. ENE
28	E	E	E	E	W	E	145.3	156.4	71.8	67.9	441.4	0	Ci. Cu.-N.	2	Ci.-S. E Cu.
29	E	E	ESE	WSW	SW	SE	108.4	84.3	72.2	68.7	333.6	0	Ci. Cu.	7	Cu.-N. ESE
30	NE	SW	E	WSW	SW	SE	37.5	57.3	97.6	69.4	261.8	1	A.-Cu. NE Cu.-N.	7	Ci. Cu.-N. ENE
31	NE	E	SE	SW	E	E	88.8	91.4	85.8	43.3	309.3	1	Ci. Cu.-N.	10	Cu.-N.
Mean							117	109.9	91.2	106	424	4.5		8	
Total											13,144.3				

BAGUIO.

[$\phi = 16°\ 25'$ N; $\lambda = 120°\ 36'$ E; barometer above sea, 1,512.5 meters; gravity correction not applied, —1.65 mm.]

NOVEMBER, 1916.

Day.	Atmospheric pressure, 600 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	34.89	34.75	35.52	34.20	34.59	35.63	34.93	16.6	16.5	23.2	20	18.2	16.8	18.6	24.4	15.7	90	79	57	89	96	95	84.3	------
2	34.58	35.02	36.02	34.69	35.13	36.15	35.26	16.3	15.9	22.5	24.4	18.5	16.2	19	24.8	14.9	90	90	48	52	65	83	71.3	------
3	35.66	35.98	37.19	35.78	36.40	37.60	36.44	16	16	23.9	23.4	17.9	17.7	19.2	25.2	15.4	89	94	58	78	96	91	84.3	------
4	36.79	36.78	37.12	35.33	35.23	36.32	36.26	16.1	15.9	23.6	23.6	18.9	17.7	19.3	26	14.4	88	95	52	75	93	96	83.2	------
5	35.62	35.67	36.66	34.62	34.63	35.60	35.47	16.2	15.9	21.4	22.5	18	17.5	18.6	23.5	15	96	98	82	77	94	92	89.8	------
6	34.87	35.25	36.32	34.66	34.62	35.34	35.18	16.6	15.9	21	21.7	18.1	17.1	18.4	23.8	15.4	94	95	78	80	88	91	87.7	------
7	34.86	35.03	36.03	34.34	34.45	35.19	34.98	16.3	15	21.4	21.5	17.1	16.1	17.9	23.3	14.4	95	98	69	80	98	90	88.3	------
8	34.45	34.54	36.11	34.89	35.36	36.34	35.28	15.5	15.4	19.3	22.2	17.8	17	17.9	23	14.4	97	93	80	75	94	92	88.5	------
9	35.73	36.21	37.49	36.03	35.91	37.17	36.42	16.1	16.6	20.9	19.1	18.1	17	18	23.3	15.2	88	84	79	96	95	100	90.3	4.6
10	36.52	36.67	37.74	35.96	35.88	36.60	36.56	16.7	16.4	19.4	20.5	17.8	16.7	17.9	23.3	15.5	100	95	90	83	95	96	93.2	------
11	36.02	35.94	37.28	35.93	35.96	37.14	36.38	15.1	13.6	21.9	19.4	17	15.3	17	22.3	13.2	93	91	67	85	93	85	85.7	------
12	36.39	36.65	37.93	36.46	36.51	37.62	36.93	14.5	14.6	22.7	22.1	16.5	14.6	17.5	23.5	13.9	84	80	55	56	76	85	72.7	------
13	37.21	37.26	38.15	36.87	36.92	37.89	37.38	14.3	14	21.7	21.6	17	14.9	17.2	24.2	13.1	82	86	57	75	89	75	77.3	------
14	36.97	36.84	37.60	35.94	36.58	37.61	36.92	14.4	13.6	21.3	20.6	16.4	15.3	16.9	24	12.4	70	74	47	60	73	81	67.5	------
15	36.55	36.08	35.99	34.99	35.04	35.41	35.68	15	15	23.9	21.1	17.9	17	18.3	24.5	14.4	82	80	51	72	89	87	76.8	------
16	34.37	34.44	34.98	32.94	33.55	34.47	34.12	16.1	15.9	18.5	19.2	18.1	16.8	17.4	23.3	15.4	87	84	82	90	94	88	87.5	------
17	33.88	34.40	35.14	33.75	34.65	35.78	34.60	16.2	15.9	19.9	19.5	18.1	17.8	17.9	22.6	14.9	93	90	85	89	92	84	88.8	------
18	35.43	36.18	37.13	34.88	35.53	36.71	35.98	16.9	16.9	20.4	19.4	18.4	17.5	18.2	23.5	16	92	94	80	93	98	96	92.2	46.3
19	35.78	36.35	37.15	35.58	36.14	36.87	36.31	16.4	16.1	19.9	18.8	18	17.4	17.8	22.8	15.9	98	98	90	99	94	93	95.3	1.1
20	36.04	35.82	36.82	35.20	35.80	36.86	36.09	16.9	16.6	20.7	19.7	17.7	17.1	18.1	23.2	16	90	90	82	96	81	88	87.8	9.9
21	35.91	35.97	36.79	35.61	36.31	37.24	36.30	16.5	16.4	22.9	19	16.9	16.2	18	23	15.6	92	90	71	92	95	95	89.2	9.6
22	36.18	36.16	37.49	35.79	36.39	37.28	36.55	16.4	16.4	21.8	19.4	17	16.9	18	23.3	15.8	88	87	69	88	95	95	87	14
23	36.07	36.02	36.92	35.95	35.94	36.45	36.22	16.5	16.4	18	18.5	17	16.5	17.2	19.2	15.9	95	95	87	83	86	89	89.2	.3
24	35.97	36.38	37.10	35.73	35.73	36.61	36.25	16.3	16.1	20.7	22.1	18	17.2	18.4	23.8	15.8	88	93	74	77	94	95	86.8	------
25	35.79	35.77	36.53	34.68	34.88	35.51	35.53	16.1	16	18.5	20.2	16.9	16.4	17.4	22.5	14.9	96	94	87	88	89	92	91	14.8
26	34.79	34.47	35.05	33.39	33.98	34.67	34.39	15.5	15	22.1	18.7	17.1	15.9	17.4	23.7	14.5	95	98	66	96	91	87	88.8	10.8
27	33.96	34.29	35.22	33.61	33.90	34.66	34.27	15.7	15.2	19.3	19	17	16.8	17.2	21.8	14.5	94	96	90	95	89	93	92.8	5.3
28	34.11	34.37	35.18	33.77	34.31	34.87	34.44	16.4	16.1	19.2	19.4	17.2	16.1	17.4	21.3	15.5	94	94	82	93	88	93	90.7	.5
29	33.97	34.19	35.86	33.74	34.41	35.63	34.55	14.5	14	18.6	17.9	15.1	13.5	15.6	20.9	12.4	91	98	82	89	97	93	91.7	------
30	34.84	35.06	36	34.38	34.87	35.83	35.16	12.2	11.6	15.7	17.9	12.9	11.6	13.6	20.5	11.2	83	81	68	67	80	74	75.5	------
Mean	35.47	35.62	36.53	34.99	35.32	36.24	35.69	15.8	15.5	20.8	20.4	17.4	16.4	17.7	23.2	14.7	90.5	90.5	72.2	82.3	89.9	89.8	85.8	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	117.2

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	0–10			0–10		
1	W	SE	SW	SW	SE	E	52.8	78.9	56.5	55.5	243.7	1	Ci.	Cu.-N.	10	----------	Cu.-N.
2	E	E	ESE	E	E	E	102.4	129.7	77	88.2	397.3	1	A.-Cu.	Cu.-N.	0	----------	Cu.
3	E	ESE	ESE	WSW	W	N	122.9	109.4	76.4	34.3	343	0	Ci.	Cu.-N.	9	----------	Cu.-N.
4	N	NE	SW	WSW	WSW	E	50.7	38.3	80.7	26	195.7	0	Ci.	Cu.	9	----------	Cu.
5	E	N	SW	W	W	Calm	58.9	77.2	93.3	16.6	246	9	----------	Cu.-N. N	9	----------	Cu.-N. WSW
6	W	W	WSW	W	E	E	61.2	86.7	96.1	30.9	274.9	1	Ci.	Cu.-N.	9	----------	Cu.-N.
7	E	W	SW	WSW	WNW	E	19.3	88.2	100	62.2	269.7	0	Ci.	Cu.-N.	6	Ci.	Cu. NNW
8	E	E	SW	SW	E	SE	50.5	56.5	84.8	82.6	274.4	1	Ci.	S.-Cu.	9	----------	Cu.-N. WSW
9	NE	SE	SW	W	SW	E	58.9	56.5	51.8	34.6	201.8	0	Ci.	S.-Cu.	10	----------	N.
10	NE	E	SW	W	W	Calm	46.5	67.1	92.3	17.2	223.1	10	----------	Cu.-N.	9	----------	Cu.-N. W
11	E	E	NW	WSW	S	E	74.2	81.8	73.4	102.4	331.8	0	Ci.	S.-Cu.	9	----------	Cu.-N.
12	E	E	E	ESE	E	E	129.7	87.7	62.3	148.4	428.1	0	Ci.	Cu.-N.	4	Ci.	Cu.
13	E	E	ESE	SW	SE	E	134.6	107.8	76.2	119.9	438.5	0	Ci.	Cu.-N.	2	----------	Cu. SE
14	E	E	ESE	E	E	E	137.6	131.4	100	56	425	0	----------	Cu.	3	----------	Cu. EbyS
15	W	NE	NE	WSW	NE	S	34	85.3	66.2	27.4	212.9	0	Ci.	Cu.-N.	9	Ci.-S.	Cu.-N. E
16	W	N	SW	W	Calm	NW	39.9	42	50.5	35.6	168	8	Ci.	Cu.-N. E	10	----------	Cu.-N.
17	NW	NW	WSW	WSW	N	Calm	44.9	54.4	72.6	24.4	196.3	0	Ci.	S.-Cu.	10	----------	Cu.-N.
18	NW	N	NNW	SW	E	E	55.7	52.9	55.7	56.9	221.2	9	Ci.	S.-Cu.	10	----------	Cu.-N. ENE, S
19	E	SW	SW	SW	SE	E	74.5	37	58.5	100.6	270.7	1	Ci.	S.-Cu.	10	----------	Cu.-N.
20	E	E	WSW	W	Calm	E	74	77	52.1	64.9	268	0	Ci.	Cu.-N.	10	----------	Cu.-N.
21	NE	ESE	SE	WSW	E	E	56.5	65	49.4	149.9	320.8	3	Ci.-S.	S.-Cu.	10	----------	Cu.-N.
22	E	SE	E	SW	W	E	189.6	101.9	64.1	50.4	406	1	----------	S.-Cu.	10	----------	Cu.-N.
23	E	E	E	E	SE	E	144.3	130.6	152.7	157.5	585.1	10	----------	N.	10	Ci.-S.	Cu.-N. ENE
24	E	E	E	NW	NW	E	131.9	151.8	59	42.6	385.3	7	----------	Cu.-N. ENE	5	A.-Cu.	Cu. E
25	SE	E	SW	W	SW	E	74.6	52.1	66.3	45.3	238.3	1	----------	S.-Cu.	10	----------	Cu.-N.
26	NE	NE	S	W	Calm	E	39.6	43.7	65	58.5	206.8	1	Ci.	Cu.-N.	10	----------	N.
27	NW	NW	SW	WSW	Calm	W	51.7	62.6	67.1	36.7	218.1	8	----------	S.-Cu.	10	----------	Cu.-N.
28	N	NE	SW	W	W	E	61.7	53.7	79.2	25.7	220.3	10	----------	Cu.-N. ENE	10	----------	N.
29	N	NE	SW	WSW	W	E	62.5	52.6	91.9	83.7	290.7	1	----------	Cu.-N.	10	----------	Cu.-N.
30	E	E	E	SSW	E	E	122.5	102.8	67	129.8	422.1	8	----------	Cu.-N.	9	Ci.-S.	Cu.-N. SSE
Mean	------	------	------	------	------	------	73.6	78.2	74.6	65.5	297.1	3	----------	----------	8.4	----------	----------
Total	------	------	------	------	------	------	------	------	------	------	8,923.0	----	----------	----------	----	----------	----------

BAGUIO.

[ϕ=16° 25′ N; λ=120° 36′ E; barometer above sea, 1,512.5 meters; gravity correction not applied, —1.65 mm.]

DECEMBER, 1916.

Day.	Atmospheric pressure, 600 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	34.98	35.03	36.05	34.22	34.59	35.21	35.01	11.3	11.5	18.9	19.2	14.4	13.2	14.8	20.5	10.7	70	62	52	77	90	87	73	------
2	34.64	34.81	35.82	34.50	34.96	35.45	35.03	13.5	14	21.5	18.6	16.4	15.7	16.6	23.5	12.2	81	76	54	82	85	83	76.8	------
3	34.47	35.17	36.25	35.63	35.97	36.99	35.75	16.3	16.5	19.1	18.3	16.5	16.7	17.2	20.3	15.6	83	88	76	87	89	85	84.7	1.4
4	36.13	35.95	37.23	35.73	36.27	36.87	36.37	16.5	16.4	20.4	20.1	18	16.3	18	23.8	15.8	81	84	64	85	96	97	84.5	------
5	35.78	35.79	36.66	34.82	35.20	35.81	35.68	15.4	16	23	21	18	15.7	18.2	23.9	15	92	81	55	81	89	87	80.8	------
6	35.19	35.30	36.36	35.06	35.15	36.01	35.51	15.3	16	22.8	21.4	18.1	16.6	18.4	24.4	15	92	78	40	73	88	82	75.5	------
7	35.06	35.22	36.67	35.05	35.54	36.42	35.66	16.2	15.6	22.1	20	17.8	16.4	18	23.3	14.7	77	80	52	85	94	96	80.7	------
8	35.71	35.79	36.30	34.76	34.94	36.11	35.60	16.1	16.1	22.1	20.4	18	17.3	18.3	24.4	15.7	84	84	61	85	95	93	83.7	.5
9	34.97	35.44	36.83	35.17	35.33	36.31	35.68	16.4	16.4	20.1	22	17	16.4	18	24	15.6	91	87	74	60	87	87	81	------
10	35.68	35.95	37.18	35.53	36.04	36.64	36.17	15.9	15	22.4	19	17.9	16.2	17.7	23.7	14.3	89	92	63	88	95	87	85.7	------
11	35.76	35.76	56.74	35.21	35.74	36.70	35.98	16.4	15.8	22.4	20	18.1	16.5	18.2	23.7	15.2	81	85	60	87	94	98	84.2	11.7
12	35.85	35.89	36.62	35.10	35.43	36.49	35.90	16.2	15.9	21.2	23.2	18	16.5	18.5	24.5	15.2	88	88	65	53	76	83	75.5	------
13	36.04	36.09	37.34	35.59	35.87	36.65	36.26	15	14.3	22.4	20.6	17.3	16.1	17.6	23.8	13.6	76	83	54	81	92	80	77.7	------
14	35.74	35.92	37.04	35.69	35.76	36.38	36.09	15.4	15.2	22.4	21.9	17.1	16.2	18	23.3	14.7	83	75	52	58	84	85	72.8	------
15	35.40	35.82	36.68	34.59	35.50	35.88	35.56	15.7	15.9	21.6	20.7	17.6	15.9	17.9	24.3	14.6	83	80	59	82	92	87	80.5	------
16	34.84	34.71	35.91	34.21	34.71	35.62	35	15.7	16.4	19.6	21.3	18.2	17.1	18	22.6	14.8	81	79	69	62	78	87	76	------
17	34.84	35.05	35.94	34.40	35.01	35.82	35.18	16.5	16.2	22.4	20.7	18.1	16.7	18.4	24.6	15.5	88	84	55	86	89	89	81.8	------
18	34.64	34.95	36.11	34.52	34.74	35.40	35.06	16.5	16.5	21.3	22.4	18.4	17.2	18.7	23.2	15.6	89	84	61	54	72	79	73.2	------
19	34.75	34.90	36.28	34.38	35.44	36.08	35.30	16.6	16.9	22.7	19.9	18.1	17.4	18.6	24.3	16	84	78	58	84	96	94	82.3	1.5
20	35.31	35.45	36.41	34.75	35.54	36.32	35.63	16.1	16	23.5	22	18.1	16.8	18.8	25	15.4	98	96	62	81	97	88	87	------
21	36.01	36.29	37.08	35.23	35.43	36.29	36.06	16.3	16.5	21.4	20.2	17.8	16.4	18.1	23	15	93	85	62	85	95	88	84.7	------
22	35.47	35.78	36.22	34.80	35.56	36.18	35.67	15.7	16	19.8	18.9	16.1	15.9	17.1	22.6	14.9	97	89	76	80	95	93	88.3	.5
23	35.31	35.23	36.37	34.72	35.23	35.92	35.46	15.1	14.8	20.8	19.8	17.3	15.9	17.3	23.1	14.4	96	93	76	83	94	96	89.7	1.3
24	35.21	35.30	36.12	34.90	35.68	36.19	35.57	15.8	16.1	18.5	18.5	16.6	15.3	16.8	21.3	14.8	90	84	84	93	94	89	89	1.8
25	35.91	36.37	37.50	35.64	36.22	36.53	36.36	14.6	15.2	20.9	20.9	17	16	17.4	22	14.3	88	91	62	82	92	85	83.3	------
26	35.92	35.77	36.37	34.93	35.50	36.14	35.78	14.6	14.4	20.4	18.8	16.5	14.7	16.6	22.8	13.9	91	95	78	89	80	87	86.7	------
27	35.59	35.33	36.18	34.93	35.40	35.86	35.55	15	15.4	20	20.4	16.8	14.6	17	23.8	14.2	82	79	64	64	76	82	74.5	------
28	35.35	35.96	36.91	35.25	35.82	36.08	35.40	13.8	14	19.6	19.6	14.9	13.9	16	22.4	13.4	91	88	61	62	80	84	77.7	------
29	35.14	35.20	36.19	34.71	35.13	35.96	35.39	13.8	13.8	16.5	19.1	16	15.4	15.8	21.4	13.4	88	82	70	62	80	81	76.3	------
30	35.10	35.18	36.41	34.82	35.07	35.97	35.42	14.6	14.9	16.5	17	16	15.5	15.8	17.4	14	90	88	93	94	89	91	90.8	5.9
31	35.37	35.67	36.70	34.66	35.69	36.77	35.81	15.8	15.6	21	19.5	17.9	16.1	17.6	22.2	15	90	93	76	93	90	92	89	------
Mean	35.36	35.50	36.53	34.95	35.44	36.16	35.66	15.4	15.5	20.9	20.2	17.2	16	17.5	23	14.6	86.5	84.2	64.1	78	88.5	87.8	81.5	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	24.6

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Mid-night.		Amount.	Form and direction. Upper.	Lower.	Amount.	Form and direction. Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	E	E	SE	WSW	E	E	124.4	60.9	69.2	78.3	332.8	1	Ci.	Cu.	8	----------	Cu.-N. SE
2	E	E	E	WSW	SE	E	55.3	63.9	48.1	79.5	246.8	7	----------	Cu.-N.	4	Ci.-S.	Cu. ENE
3	NW	SE	SW	SE	E	E	50.1	50.5	91.5	228.5	420.6	10	Ci.-S.	Cu.-N. E	10	Ci.-S.	Fr.-N. SE
4	E	E	ESE	WSW	WSW	E	236.8	157.9	64.2	57.3	516.2	4	Ci.-S.	S.-Cu. E	8	Ci.-S.	Cu. E
5	NE	E	ESE	SW	SE	E	55.7	90.6	64.7	73.4	284.4	0	Ci.	Cu.	7	----------	Cu. ESE
6	NE	W	S	SW	SE	E	51.2	40.8	66.2	73.5	231.7	0	Ci.	Cu.	6	----------	Cu.
7	E	E	S	W	W	SW	62	46.2	55	23.1	186.3	0	Ci.	Cu.	10	----------	Cu.-N.
8	W	NE	ESE	SW	NE	SE	32.5	37.2	48.5	37.5	155.7	9	----------	Cu.-N.	10	----------	cu.-N.ENE
9	E	E	SE	ESE	E	E	66	74.8	86.6	88	315.4	3	Ci.	S.-Cu.	9	----------	Cu.-N. E
10	SE	NE	E	WSW	W	E	93.9	62.2	63.3	87.2	306.6	0	Ci.	Cu.-N.	10	----------	Cu.-N.
11	E	Calm	ESE	SW	SW	W	50.7	53.2	58.2	35.2	197.3	4	A.-Cu. NW	s.-cu. wsw	10	----------	Cu.-N.
12	W	SE	E	E	SE	E	38	96.4	70.2	82.6	287.2	0	----------	S.-Cu.	1	A.-Cu.	Cu.
13	E	E	E	W	S	E	94.3	68.9	58.2	84.7	306.1	2	Ci.	Cu.	9	----------	Cu. ESE
14	E	E	SE	ESE	E	E	61.4	71.3	101.1	94.6	328.4	0	Ci.	Cu.-N.	1	Ci.-S.	Cu. E
15	NE	S	E	WSW	E	E	60.4	66.3	53.9	83.5	278.1	2	Ci.	Cu.	8	----------	Cu.
16	E	E	E	E	ESE	E	121.3	147.1	128.4	70.5	477.3	0	Ci.	S.-Cu.	9	Ci.-S.	Cu. E
17	E	E	E	ESE	ESE	E	63.6	108.1	53.6	112.7	343	3	Ci.	S.-Cu.	10	Ci.-S.	Cu.-N. SE
18	NE	SE	E	E	E	SE	86.9	120.5	116.5	106.5	430.4	1	----------	S.-Cu.	4	Ci.-S.	Cu.
19	E	E	E	SW	W	SE	126.5	88.5	65.5	59.3	339.8	4	Ci.	S.-Cu.	10	----------	S.
20	E	NE	E	SE	SE	E	64.7	51.8	51.5	74	242	0	Ci.	Cu.	7	Ci.	Cu. ENE
21	N	SE	SE	SW	SE	NE	52.1	64.1	66	36.2	218.4	5	Ci.	Cu.	9	----------	Cu.-N.
22	N	SW	NE	E	W	SE	63.3	71.9	44.3	65.5	245	1	Ci.	S.-Cu.	10	----------	N.
23	NE	E	SW	W	W	E	63.1	76.9	61	46.2	252.2	0	Ci.	Cu.	9	----------	Cu.-N.
24	E	ESE	SW	W	E	E	53.8	66.2	56.5	126.8	306.3	1	Ci.	S.-Cu.	10	----------	N.
25	E	WNW	SW	W	SE	SE	81.8	51.5	69.2	90.3	292.8	1	A.-Cu.	Cu.	6	----------	cu.-N.ENE
26	N	N	SW	WSW	E	E	63.1	48.1	81.1	135.2	332.5	0	Ci.	Cu.	9	----------	Cu.-N.
27	E	E	E	W	S	E	114.3	120.5	56.9	134.2	425.9	4	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu. E
28	E	ESE	SE	ESE	E	SE	156.3	154.2	113.5	171.7	595.7	2	----------	S.-Cu.	6	A.-Cu.	Cu.
29	E	E	ESE	E	E	E	178.3	146.9	103.2	149.5	580.9	9	Ci.-S.	S.-Cu. SE	9	Ci.-S.	Cu.-N.
30	E	NE	NE	WSW	E	E	160.1	70	39.6	67.6	337.3	10	----------	N.	10	----------	N.
31	E	NE	E	W	SE	E	45.1	53.2	56.3	118	272.6	10	----------	S.-Cu.	10	----------	Cu.-N.
Mean	-----	-----	-----	-----	-----	-----	85.6	80	70.3	89.4	325.3	3	----------	----------	8	----------	----------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	10,085.7	----	----------	----------	----	----------	----------

VIGAN.

($\phi = 17°\ 34'$ N; $\lambda = 120°\ 23'$ E; barometer above sea, 12.2 meters; gravity correction not applied, —1.61 mm.)

JANUARY, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.48	58.09	58.71	56.40	57.14	57.72	57.76	25.3	24.3	29	23.6	27	25.2	26.6	30	23.2	96	95	71	71	80	90	83.8	------
2	56.14	56.24	57.26	54.13	54.85	55.48	55.68	24.3	23.5	26.9	30.8	29.2	28.8	27.2	32.8	22.5	93	89	70	64	52	55	70.5	------
3	55.05	55.35	56.97	54.80	54.67	56.65	55.58	28.1	27.9	25.6	27	28	28.3	27.5	29.6	23.8	55	56	77	78	63	62	65.2	------
4	56.57	57.68	59.64	57.57	58.50	60.31	58.38	25.6	25.4	28.5	29.5	27.3	25.8	27	30	24.7	84	93	76	75	82	92	83.7	9.7
5	58.20?	58.32?	60.28	58.05	59.85	60.43	59.19?	25	24.1	29.3	29.6	25.8	24.5	26.4	30.5	23	95	93	70	69	84	93	84	1.5
6	58.91	59.33	60.33	59.23	59.98	60.12	59.65	23.9	22.8	28.6	29.2	27	24.4	26	30.4	21.7	95	89	72	64	80	91	81.8	------
7	59.67	59.75	60.53	58.89	59.74	60.31	59.82	23.2	23	28.3	29.2	26.4	25.2	25.9	30.6	21.8	93	92	70	64	81	86	81	------
8	59.84	60.76	61.91	60.44	61.04	62.01	61	24.3	23.3	29.2	29.4	26.6	25.9	26.4	30.2	22.4	89	91	75	73	84	89	83.5	------
9	61.61	61.96	63.03	60.88	61.21	62.30	61.83	25.7	25.1	29.6	30	27.5	26.8	27.4	30.8	24	90	87	72	75	87	90	83.5	------
10	61.58	62.51	63.43	61.23	61.54	62.73	62.17	25.3	24.2	29.6	28.5	27	25.1	26.6	29.9	23.2	94	89	70	78	82	76	81.5	------
11	62.04	62.23	63.53	60.62	61.63	62.46	62.08	24.8	27	29.8	31.6	28	27.5	28.1	32	22.8	69	55	56	46	51	49	54.3	------
12	61.60	61.72	62.40	60.07	60.81	62.09	61.45	24.7	23.3	28.8	29.8	26.9	24.5	26.3	31	22.1	67	76	61	60	67	65	66	------
13	60.81	60.84	62.44	59.77	59.92	61.36	60.86	26.5	26.2	29.4	31.8	28	27	28.2	32.1	23.3	55	57	44	41	52	50	49.8	------
14	60.08	59.95	61.24	58.78	58.91	59.86	59.80	26.9	26.8	29.7	29.3	26.6	24.5	27.3	30.2	22.5	50	54	52	56	65	67	57.3	------
15	59.09	58.84	60.12	57.98	59.14	59.99	59.19	23.5	23.3	25	25.2	23.1	22.5	23.8	26.3	21.2	71	69	72	70	72	69	70.5	------
16	58.78	59.05	60.77	58.43	59.24	61.08	59.56	21.5	20.6	23.5	25.6	23.5	20	22.4	27	18.3	70	69	58	49	52	64	60.3	------
17	60.54	60.64	61.79	59.16	60.05	61.15	60.56	19	18	24.3	26.9	23.5	22.2	22.3	27.2	16	63	69	46	36	39	43	49.3	------
18	61.13	61.35	61.91	59.67	60.57	61.81	61.07	20.3	21.4	25.6	26.7	24.1	23.5	23.6	29.7	19	58	49	41	47	59	48	50.3	------
19	61.25	61.42	62.60	60.29	60.65	61.66	61.31	23.1	20	26.9	27.1	25.3	23.5	24.3	27.5	18.2	49	71	41	50	62	52	54.2	------
20	60.20	60.52	61.67	59.52	59.83	60.38	60.35	23	23	26.8	26.2	24.2	22.3	24.2	28.2	19.7	52	52	45	52	68	67	56	------
21	59.38	59.84	61.39	59.20	59.21	59.26	59.71	22	20.9	25.7	26.9	23.5	21.6	23.4	27.3	20	58	65	52	53	67	66	60.2	------
22	59.14	59.19	60.36	57.71	58.32	58.77	58.92	20.3	20.5	27.2	27.1	24.4	21.8	23.6	27.8	19.3	76	71	52	49	65	71	64	------
23	58.09	58.71	59.52	57.92	58.78	59.83	58.81	20.9	21.8	28	28.3	26	24.3	24.9	28.7	19.7	76	77	60	62	76	82	72.2	------
24	59.49	59.78	60.74	58	59.18	60.21	59.57	23.9	22.5	25	25.9	24.5	25	24.5	27.2	21.5	74	74	67	63	64	52	65.7	------
25	59.99	60.44	61.94	59.53	59.60	60.71	60.37	25	24.5	29	29.1	27.9	26.6	27	30.1	23.3	48	52	42	56	49	49	49.3	------
26	60.17	59.87	60.89	58.73	59.05	60.19	59.82	24.3	22.7	28.8	30.5	27.2	25.3	26.5	31.1	21.6	62	70	56	55	79	72	65.7	------
27	59.30	59.38	60.15	56.97	57.97	58.84	58.77	24	23.8	31.3	32.3	30	28.5	28.3	33.1	22	86	85	53	53	50	55	63.7	------
28	57.99	58.10	59.18	57	57.93	58.47	58.12	28.5	27.4	28.8	29.5	27.2	26.4	28	32.5	24.6	54	58	65	70	78	81	67.7	------
29	57.67	57.52	58.78	56.48	56.90	57.97	57.55	27.5	25	29.7	30.1	27.5	27.3	27.8	30.8	24	53	86	58	47	75	50	61.5	------
30	57.55	58.50	60.16	58.05	58.31	59.31	58.65	27	24.1	25.5	26.4	23.7	23.1	25	27.5	21.2	49	74	72	68	82	78	70.5	3
31	58.30	57.67	53.84	56.91	57.41	58.67	57.97	21.7	21.7	24.3	27.3	24.5	22.6	23.7	28.2	20.6	87	87	77	59	82	88	80	------
Mean	59.31	59.53	60.73	58.46	59.10	60.07	59.53	24.2	23.5	27.7	28.6	26.2	24.8	25.8	29.7	21.7	71.3	74	61.1	59.8	68.7	69.1	67.3	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	14.2

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	SSE	NW	WNW	WSW	NNW	20.2	43	51.3	35.1	158.6	1	Ci.	S.-Cu.	6	Ci. E	Fr.-Cu.
2	NNW	Calm	NNW	NbyW	NE	ENE	26	64.7	113.3	219.1	423.1	9	Ci.-S.	S.-Cu.	7	Ci.-S. E	Fr.-Cu.
3	NNW	NE	N	NNW	NNW	W	141.4	144.3	70.5	48	404.2	10	----------	Fr.-N. E	10	----------	S.-Cu.EbyS
4	NW	Calm	NW	NWbyN	NNW	Calm	32.5	47.7	128.7	30	238.9	10	Ci.-S. NE	Fr.-N. NE	5	Ci.-S. NbyE	Cu.-N.
5	Calm	ENE	Calm	W	NE	Calm	32.2	34.4	50.2	33.8	150.6	0	----------	S.-Cu.	3	Ci.-S.	Cu.-N.
6	Calm	Calm	E	WSW	Calm	Calm	27.2	34	44.8	18.7	124.7	0	Ci.-S.	S.-Cu.	4	Ci.	Cu.-N.
7	Calm	Calm	NW	NWbyW	NNW	NbyW	25.1	38.6	99.3	45.4	208.4	1	Ci.	Cu.	1	Ci.-S.	Cu.-N.
8	NE	ENE	Calm	NW	NNW	Calm	32.7	35.6	111.5	45.4	225.2	0	Ci.	S.-Cu.	2	Ci.-S. N	Cu.-N.
9	WSW	SE	SWbyW	SW	Calm	Calm	35.4	53.1	48.3	13.2	150	1	----------	Cu.	3	Ci.-S.	Fr.-Cu.
10	Calm	ESE	WNW	NNW	WNW	NNW	29.2	48.8	88.4	44.1	205.5	4	Ci.-S.	S.-Cu. N	8	----------	Fr.-Cu.NW
11	NNW	NNE	NNW	NNW	NNE	NNE	102.2	119.1	139.2	120.2	480.7	0	----------	Cu.	5	Ci. SW	Fr.-Cu.
12	NNE	NWbyN	N	NbyW	NNW	NNW	80.8	101.1	164.9	134.4	481.2	1	Ci.	S.-Cu.	2	Ci.	Cu.
13	NE	NNE	NNE	NNE	NbyE	N	122.5	113.3	120.4	125.5	481.7	0	Ci.	S.-Cu.	5	Ci.	Fr.-Cu.
14	NE	NE	NbyW	NW	NNW	NbyW	147.3	92	109.1	90.1	438.5	1	Ci.	S.-Cu.	8	Ci. SW	Cu.
15	NbyW	NbyW	NNE	NbyE	NbyE	NbyW	-----	-----	264.4	------	------	10	----------	S.-Cu. SW	10	A.-S. NE	Cu.-N. NE
16	N	NbyW	N	NbyW	NEbyE	N	-----	-----	219.9	-----	------	6	Ci.-S.	S.-Cu.	2	Ci.	Fr.-Cu.
17	NbyW	NbyW	NEbyE	ENE	NNE	ENE	-----	-----	155.1	-----	------	0	Ci.	Cu.	1	Ci.-S. E	Fr.-Cu.
18	NW	NbyW	EbyN	NW	NNW	NNE	-----	-----	85	-----	------	2	Ci.	----------	5	Ci. SW	Fr.-Cu.
19	EbyN	NW	NbyW	NNW	ENE	ENE	-----	-----	112.9	119.9	------	3	Ci.	S.-Cu.	4	Ci. SW	Fr.-Cu.NW
20	ENE	EbyN	ENE	WNW	NW	ENE	120.7	69.7	68.1	-----	------	2	Ci.	S.-Cu.	8	Ci. SW	Fr.-Cu.NW
21	NNE	ESE	EbyS	NW	NNW	NWbyN	-----	-----	-----	-----	------	8	A.-Cu.	S.-Cu. NW	7	Ci.	Fr.-Cu. ENE
22	SE	E	ESE	NW	NNW	NbyW	-----	-----	114	-----	------	10	Ci.-S.	S.-Cu.	1	Ci.-S.	Cu.
23	ENE	NE	WNW	NW	NbyW	NNW	-----	-----	-----	108.3	68.6	10	A.-Cu.	S.-Cu.	4	Ci. SW	Fr.-Cu.
24	NNW	NbyW	N	N	NbyW	NbyW	127.6	174.6	191	99.6	592.8	10	----------	Fr.-N. E	6	A.-Cu. S	Fr.-Cu.
25	NEbyE	NE	NE	NNW	ENE	ENE	108.4	71.1	95.3	83.1	357.9	2	Ci.	S.-Cu.	5	Ci.	Fr.-Cu.
26	Calm	NNW	WNW	NW	SW	Calm	38.9	56	85.8	35.4	216.1	2	A.-Cu. SE	S.-Cu.	2	Ci. SW	Fr.-Cu.
27	Calm	Calm	Calm	NNW	NE	NE	23	49.3	103.5	79.4	255.2	1	Ci.	S.-Cu.	5	Ci.-Cu. W	Fr.-Cu. NE
28	ENE	ENE	NWbyW	WSW	SW	Calm	64.1	53.3	62.2	31.1	210.7	9	Ci.-S. SSE	S.-Cu. NE	6	Ci. S	Fr.-Cu.
29	NE	Calm	Calm	NNW	Calm	ENE	43	29	74	91.1	237.1	8	Ci.-S.	S.-Cu.	3	Ci.-Cu. W	Fr.-Cu.
30	E	Calm	Calm	SSE	Calm	SE	69.5	14.7	42	-----	------	10	----------	Fr.-N. ENE	10	A.-S.	S.-Cu.
31	ENE	Calm	ESE	W	NW	NbyW	-----	-----	47.8	-----	------	10	----------	S.-Cu. SSW	9	A.-Cu. SSW	Fr.-Cu.
Mean	------	------	------	------	------	------	66.3	67.6	105.5	73.2	302.1	4.5	----------	----------	5.1	----------	----------

VIGAN.

($\phi = 17\ 34'$ N; $\lambda = 120°\ 23'$ E; barometer above sea, 12.2 meters; gravity correction not applied, —1.61 mm.)

FEBRUARY, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.97	57.64	58.73	56.31	55.85	57.41	57.32	21.7	21	25.4	28.2	25.8	25.6	24.6	28.5	19.6	87	91	67	60	72	57	72.3	
2	56.93	57.37	58.37	56.46	57.23	57.79	57.36	25	23.8	28.7	27.8	24.3	23.7	25.6	29.5	22.5	61	73	59	68	92	94	74.5	13.5
3	57.23	56.96	58.42	56.73	56.82	57.29	57.24	23	23.3	25.2	25.8	24.5	24.1	24.3	26.4	21.8	97	92	88	85	90	91	90.5	17.5
4	57.08	57.17	58.40	56.42	56.23	57.50	57.13	23.5	22.9	26.5	28	25.8	23.3	25	28.6	21.6	94	94	82	66	75	89	83.3	14.7
5	57.05	57.78	58.87	57.42	57.83	58.67	57.94	22.3	21.7	26.5	27	24.5	22	24	27.5	20.8	85	89	66	68	79	93	80	
6	58.35	58.88	59.89	57.45	57.52	58.17	58.38	20.8	20.3	26.3	27.5	24.5	22.3	23.6	28	19.3	93	92	60	60	82	90	79.5	
7	57.43	57.51	58.53	56.66	56.47	57.18	57.30	21.4	20	26.3	26.3	24.4	21.2	23.3	27.4	18.5	88	91	63	67	76	89	79	
8	56.90	57.06	58.68	57.07	57.63	59.19	57.76	20.5	20.1	26	26.6	24.5	22.1	23.3	27.9	18.8	86	85	58	57	78	86	75	
9	59.15	59.71	61.31	58.95	59.29	60.77	59.86	20.3	19.5	26.7	26.9	24.5	22.7	23.4	27.5	18.5	87	86	56	57	75	83	74	
10	60.28	60.77	61.91	59.60	59.71	60.77	60.51	22	21.1	27	27.6	26	23.9	24.6	28	20.1	87	86	63	62	78	87	77.2	
11	60.19	61.07	62.39	60.24	59.76	61.11	60.79	22.4	22.2	28.6	28.2	25.8	23.5	25.1	29.4	20.5	83	76	56	59	78	79	71.8	
12	60.38	60.47	61.75	59.80	60.41	62.14	60.82	21.5	21.3	27.6	27.5	24.8	22.8	24.2	28.9	20.4	88	88	62	70	89	97	82.3	3.9
13	61.35	61.33	62.44	60.29	60.47	62.55	61.40	22.1	22.4	24.8	25.8	22.8	21.5	23.2	26.3	20.5	93	90	73	70	72	78	79.3	
14	62.12	62.27	62.81	59.91	59.47	60.59	61.20	21.2	20.3	25	26.8	24.5	23.2	23.5	27	19	78	83	64	61	75	78	73.2	
15	59.94	59.93	61.51	59.47	59.56	60.10	60.08	21.8	21.1	27	29.1	26.3	24.2	24.9	29.5	20.1	78	81	62	53	70	73	69.5	
16	59.95	60.46	61.70	59.14	58.76	60	60	23.3	21.9	27.7	28	27	25.7	25.6	29.8	20.6	76	79	61	63	72	75	71	
17	59.72	60.15	61.17	58.63	58.32	59.45	59.57	24.2	23.4	29.8	28.5	27	25	26.3	30.7	22.5	82	86	60	67	75	88	76.3	
18	58.58	58.78	59.78	57.59	57.34	58.11	58.36	23.5	22.8	28.2	28.8	27	25.2	25.9	29.2	21.8	91	89	69	69	78	82	79.7	
19	57.21	57.57	59.06	56.38	56.28	57.64	57.36	23.5	22.5	28.2	29.3	28.6	26.4	26.4	29.9	21.4	87	91	68	64	66	81	76.2	
20	56.78	57.34	57.86	56.13	56.92	59.07	57.35	25.7	24.3	28.9	30.2	26.6	26.3	27	31.5	23.1	85	85	65	68	83	78	77.3	
21	57.71	57.56	59.08	56.90	56.50	57.68	57.57	25.1	24.8	28.2	28.6	26.5	25.5	26.4	29	24	83	81	74	68	83	90	79.8	
22	57.16	57.56	58.60	56.62	56.56	57.71	57.37	25.7	25.5	30.1	30.2	27.1	25.7	27.4	31	24.5	82	77	63	65	80	87	75.7	
23	57.30	57.75	58.75	56.48	56.90	58	57.53	26.3	25.3	29.8	29.2	26.8	25.5	27.2	30.8	24.2	82	81	65	72	80	87	77.8	
24	57.38	57.48	58.89	57.07	57.21	58.41	57.74	26.2	25	29.3	29.9	27	25.5	27.2	30.8	23	75	82	64	65	78	84	74.7	
25	58.02	58.35	59.68	57.68	56.92	58.08	58.12	25.7	24.3	28.7	28.9	26.3	25	26.5	30	23	84	89	73	70	82	88	81	
26	57.84	58.49	59.75	57.15	56.80	57.77	57.97	23.8	24.1	29.2	29.8	27.3	25.3	26.6	30.5	22.3	93	87	66	69	78	84	79.5	
27	57.41	58.16	59.32	56.52	56.83	58.14	57.73	23.7	23	28.5	29.8	27.9	27.3	26.7	31.3	22	88	90	64	59	67	58	71	10.2
28	57.87	58.82	59.94	57.78	57.95	59.65	58.67	25.6	23	28.7	28.5	27.1	28	26.3	31.5	22.1	68	85	63	70	76	88	75	3.8
29	59.18	60.29	61.45	58.61	58.72	59.87	59.69	23.4	23.2	27.7	28.6	25.5	23.5	25.3	29.9	22?	92	92	67	66	78	80	79.2	
Mean	58.43	58.78	59.97	57.77	57.80	58.99	58.62	23.3	22.6	27.6	28.2	25.9	24.2	25.3	29.2	21.3	84.6	85.9	65.6	65.4	77.8	83.2	77.1	
Total																								63.6

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Mid-night.		Amount.	Form and direction. Upper.	Lower.	Amount.	Form and direction. Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NW	Nbyw	Nbyw	NNW	NNW	ESE	------	122.1	168.1	44.3	------	2	Ci. SW	Cu.	1	Ci.	Fr.-Cu.NNW
2	EbyS	NNE	Calm	NW	wbyN	NNW	54.1	35.7	71.8	31.9	193.5	8	Ci.-S. SW	S.-Cu. SW	9	Ci.-S.	Cu.-N.
3	Nbyw	Calm	Calm	Calm	SSW	Calm	36.5	20.9	31.9	22.5	111.8	10	----------	N. SbyW	10	----------	Cu.-N.SSW
4	NW	Calm	Calm	WSW	Calm	NW	32	27.9	45.7	21.1	126.7	10	----------	N. SW	1	----------	Cu.-N.
5	ESE	ESE	SSW	wbyN	Calm	Calm	------	------	65.5	14.7	------	1	----------	Cu.	2	Ci.-S. WSW	Fr.-Cu.
6	NEbyE	NE by E	SSW	WSW	Calm	NW	------	------	52.8	------	------	1	----------	Cu.	1	----------	Cu.-N.
7	SE	ESE	Calm	WNW	Calm	N	------	------	56.6	------	------	1	Ci.-S. SW	Cu.	1	Ci.-S. SW	Cu.-N.
8	ESE	ESE	ESE	WSW	Calm	Calm	------	------	57.1	------	------	0	----------	Cu.	1	----------	Cu.
9	ENE	ENE	Calm	NW	NW	NNW	------	------	85.6	46.5	------	1	----------	Cu.	1	Ci.-S. N	Cu.
10	ENE	ESE	Calm	NW	NNW	Calm	33.2	38.4	112.5	29.2	213.3	1	----------	S.-Cu.	1	----------	Cu.
11	Calm	ENE	Calm	NW	NNW	NW	28.5	48.9	115.6	62.2	255.2	1	----------	S.-Cu.	1	Ci.-S.	Cu.
12	Calm	Calm	Calm	NW	SbyW	NNW	20.3	28.7	45.4	52.3	146.7	5	Ci. S	S.-Cu.	9	A.-S.	S.-Cu. E
13	Calm	Calm	NNW	Nbyw	Nbyw	NbyE	16.6	95	275.5	189.6	576.7	10	Ci.-S.	S.-Cu.	5	Ci.-S. E	Fr.-Cu.
14	NNW	Nbyw	NNW	NNW	NNW	NW	118.6	126	156.7	31.9	433.2	1	Ci.-S.	S.-Cu.	1	----------	Fr.-Cu.
15	Calm	Calm	WNW	WNW	NW	SW by S	26.4	37.8	61.5	24.4	150.1	1	----------	S.-Cu.	1	----------	Cu.
16	Calm	NWbyN	WNW	NW	Calm	Calm	27.6	37.6	69.8	23.9	158.9	1	----------	S.-Cu.	1	Ci.	Cu.
17	Calm	NNW	Calm	NW	NW	Calm	20.7	44.9	102	16.3	183.9	10	A.-Cu. W	S.-Cu. N	2	Ci.	Cu.
18	Calm	Calm	WbyN	WNW	NWbyN	NW	15.5	38	71	44.3	168.8	4	Ci.	S.-Cu.	7	Ci. SW	Cu.-N.
19	Calm	Calm	Calm	NW	WSW	SE	19.8	31.4	65.4	43.1	159.7	7	Ci. SW	S.-Cu.	5	Ci. SW	Cu.-N.
20	Calm	NNW	SE	WNW	NW	ESE	26.2	35.6	100.9	61.4	224.1	9	A.-Cu.sbyw	s.-cu.sbyw	8	A.-Cu. S	Fr.-Cu.
21	NNW	nwbyw	WNW	NNW	NNW	Calm	58.2	50.1	126.5	28.2	263	10	A.-Cu.	S.-Cu. N	9	Ci.-S. N	Fr.-Cu.NNW
22	SSW	SE	NWbyN	NW	NWbyN	Calm	46.1	37.2	76.1	19.8	179.2	9	----------	S.-Cu. SE	4	Ci.	Fr.-Cu. N
23	Calm	Calm	WbyS	NW	NW	Calm	19.6	43.7	98.5	23.3	185.1	4	----------	S.-Cu.	5	ci.-s. WNW	Fr.-Cu.NW
24	Calm	Calm	NW	WNW	NW	NW	27.2	35.1	70	34.8	167.1	1	Ci.-S.	S.-Cu.	6	----------	Cu.-N. WNW
25	Calm	Calm	NW	NNW	NNW	Calm	15	42.1	152.9	44.3	254.3	2	Ci.-S.	S.-Cu.	2	ci.-s. NNW	Fr.-Cu.
26	Calm	Calm	WSW	NW	NWbyN	Calm	15.1	39.4	72.9	17.9	145.3	8	----------	S.-Cu. N	8	Ci.	Fr.-Cu. SSW
27	NWbyN	Calm	Calm	WNW	WSW	SEbyE	17.5	37.8	71.1	54.7	181.1	2	Ci. SbyW	Cu.	5	Ci.-S. SE	Fr.-Cu.
28	NE by N	NNE	Calm	WNW	Calm	NNW	33.5	41.8	77	25.5	177.8	10	----------	Fr.-N. SW	1	Ci.	Cu.
29	NW	NNW	Nbyw	NNW	NNW	Nbyw	62	109.4	192.3	144.6	508.3	1	----------	Cu.	1	----------	Fr.-Cu.
Mean	------	------	------	------	------	------	33.5	50.2	94.8	44.3	224.5	4.5	----------	----------	3.8	----------	----------

VIGAN.

($\phi = 17°\ 34'$ N; $\lambda = 120°\ 23'$ E; barometer above sea, 12.2 meters; gravity correction not applied, —1.61 mm.)

MARCH, 1916.

Day.	Atmospheric pressure, 700 mm. +							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.44	60.26	61.32	58.56	58.67	60.26	59.75	21.8	20.2	26.8	27.8	24.5	22.7	24	29.2	19.1	80	84	57	60	75	77	72.2	
2	59.40	59.63	60.75	58.11	58.30	59.92	59.35	23.4	22.4	28.3	28.1	26.5	24.8	25.6	31	21.5	58	64	43	53	62	54	55.7	
3	59.44	59.34	60.51	58.04	59.35	61.34	59.67	24.3	22.8	29.3	27.7	26	24.8	25.8	30.7	20.8	54	62	44	62	74	82	63	46.5
4	61.21	61.67	62.91	60.31	59.83	61.04	61.16	22.5	22	26	27.5	25.2	22.7	24.3	28	20.8	94	96	76	68	80	85	83.2	
5	60.31	60.51	61.54	58.76	58.46	59.67	59.88	21.4	21.2	26.5	28	25.7	23.8	24.4	28.2	19.8	87	89	68	66	73	86	78.2	
6	58.84	59.14	60.36	57.74	57.47	58	58.59	22.6	20.3	27.5	28.6	26.8	24.3	25	29	19.7	82	92	66	57	64	81	73.7	
7	57.17	58.02	59.40	57.14	57.02	58.05	57.80	24	22	29.7	29.5	27.3	25.2	26.3	30.8	21.2	75	85	57	66	75	90	74.7	
8	58.03	58.37	60	57.95	57.87	59.19	58.57	23.5	22	29.3	29.5	26	23	25.6	30.5	21.1	91	91	59	58	78	91	78	
9	58.82	59.65	60.83	58.49	58.39	58.86	59.17	22.4	21.6	29.8	29.1	26	24	25.5	30.2	19.6	82	87	62	60	78	87	76	
10	58.32	59.17	60.24	57.65	58.24	59.53	58.86	22	22.5	29	30.2	26.8	24.4	25.8	31.1	21.1	87	83	61	64	84	92	78.5	
11	58.56	59	59.84	56.89	57.13	58.82	58.37	23	21.5	27.8	29.8	28	25.3	25.9	31	20.5	93	91	65	58	61	75	73.8	
12	58.63	59.75	60.94	58.54	58.43	59.71	59.33	25.7	22.8	28.8	29.3	27.5	25.2	26.6	30	21.8	71	81	61	61	72	83	71.5	
13	59.86	60.76	61.52	58.74	58.37	59.93	59.95	24.2	23	30.5	30.2	26.7	25.5	26.7	31	22	82	89	50	60	85	88	75.7	
14	59.58	59.87	60.44	57.78	57.80	59.40	59.14	25.2	24.3	28.5	29.3	26.9	26	26.7	30.4	23	90	92	74	69	83	88	82.7	
15	58.67	58.87	59.33	56.95	57.18	59.21	58.37	25.3	23.8	28.5	29	27.1	27	26.8	30	22.6	91	95	66	61	76	60	74.8	
16	58.88	59.19	60.37	57.99	57.93	60.01	59.06	25.3	23.6	29	29.3	28	26.4	26.9	30.3	22.6	88	87	58	62	74	77	74.3	
17	59.35	59.78	61.28	58.65	58.05	60.13	59.54	24.5	24.2	28.9	29.8	28.3	27.7	27.2	30.2	23.2	78	78	65	59	65	65	68.3	
18	59.62	59.78	60.55	58.19	58.23	59.72	59.35	26.2	25.5	30	29.8	28	27.5	27.8	30.6	24.5	76	73	62	69	74	73	71.2	
19	59.12	59.34	60.22	57.74	57.98	58.97	58.90	27	25.7	29	30.6	27.8	26.4	27.8	30.9	24.8	70	86	67	65	75	82	74.2	
20	58.23	59.23	60.47	58.29	58.11	58.97	58.88	25	25.5	29	30	27.8	24.9	27	30.3	24.2	86	82	71	61	74	84	76.3	
21	58.66	59.58	60.69	58.64	59.10	60.46	59.52	24.8	24.8	30	30	27.2	25.3	27	31	23.5	83	83	62	64	79	87	76.3	
22	59.96	60.56	61.68	59.18	59	60.10	60.08	24.1	23.4	28.7	29.7	27.1	25.5	26.4	30.3	22.2	88	84	70	63	75	84	77.3	
23	59.80	60.92	62.10	60.03	60.10	61.59	60.76	24.1	23.3	29.4	29.5	29.5	27.3	27.2	30.7	22	82	85	61	58	48	54	64.7	
24	61.45	61.89	62.72	60.44	61.05	62.35	61.65	24.6	25.3	29.9	30	26.6	26.4	27.1	31.4	23.1	71	59	44	47	74	55	58.3	
25	61.33	61.98	62.60	60.29	60.23	61.27	61.28	25.8	25.4	29	28.8	27.3	24.8	26.8	30.5	22.8	56	58	55	56	67	84	62.7	
26	61.16	61.46	62.17	60.18	59.91	60.96	60.97	24.4	25	30.3	30.8	27	25.3	27.1	32.3	22.5	68	64	54	60	77	81	67.3	
27	60.66	61.12	62.22	60.08	60.12	61.43	60.94	24.5	24.5	29.9	30.2	27.5	26	27.1	31.7	23.1	85	84	62	66	78	88	77.2	
28	60.89	61.30	62.26	59.82	59.43	60.38	60.68	24.6	24.1	28.4	29.8	26.9	25.4	26.5	30.1	23.1	88	91	70	66	75	81	78.5	
29	59.11	59.49	59.96	57.97	58.14	59.15	58.97	24.6	24.6	29.8	30.1	28	25.4	27.1	31.7	22.9	80	79	60	67	77	89	75.3	
30	58.70	58.61	59.88	57.58	57.55	58.46	58.46	24.9	26.3	29.8	30.5	28	25.9	27.6	31.5	23	82	72	72	59	74	87	74.3	
31	58.20	58.63	59.35	57.15	57.13	58.66	58.20	25.8	25.3	30.2	31.5	27.8	25.6	27.7	32	24.1	85	85	64	52	71	83	73.3	
Mean	59.40	59.90	60.92	58.51	58.55	59.86	59.52	24.2	23.5	29	29.5	27.1	25.3	26.4	30.5	22.1	80.1	81.6	61.5	61.2	73.5	79.8	72.9	
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	46.5

Day.	Wind.										Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Mid-night.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NNW	NNW	NWbyN	NNW	NNW	Calm	93.3	93.8	173	48	408.1	0	----------	S.-Cu.	0	----------	Cu.
2	EbyN	EbyS	ENE	NW	Calm	ENE	98.8	64.7	68.1	50.7	282.3	1	Ci.	S.-Cu.	1	----------	Fr.-Cu.
3	ENE	NEbyN	EbyN	SW	NWbyN	NNW	59.7	66.6	97.1	57.7	281.1	1	Ci.	S.-Cu.	1	Ci.	Cu.
4	NWbyN	W	NWbyN	NWbyN	NNW	NNW	38.3	46.1	135.8	84.7	304.9	9	----------	Fr.-N. SW	8	Ci. SW	Cu.-N.
5	NWbyN	NbyW	NNW	NNW	NWbyN	Calm	35.9	56.6	154.8	40.2	287.5	4	Ci.	S.-Cu.	5	Ci. SW	Fr.-Cu.
6	Calm	Calm	NWbyN	NWbyW	Calm	Calm	15.6	51.5	83.2	15.6	165.9	2	Ci. SW	S.-Cu.	3	Ci.	Cu.
7	SE	NEbyE	Calm	WNW	Calm	Calm	29.2	44	68.4	22.5	164.1	2	Ci.	S.-Cu.	1	Ci.	Cu.
8	Calm	Calm	NW	NW	NNW	Calm	28.7	49.1	121	50.7	249.5	1	----------	S.-Cu.	1	----------	Fr.-Cu.
9	NW	NNW	wbys	WNW	NNW	Calm	38	41.8	93.3	31.7	204.8	0	Ci.	----------	1	Ci.	Cu.
10	Calm	NNE	SSW	SW	Calm	Calm	37.3	64.4	75.6	24.1	201.4	2	Ci.	Cu.	1	----------	Fr.-Cu.
11	Calm	Calm	NNW	NW	SW	Calm	35.2	66.6	69.4	25.4	196.6	1	Ci.	Cu.	4	Ci. SW	Fr.-Cu.
12	SbyE	Calm	NW	WbyN	NW	Calm	38.8	46.5	75.3	21.5	182.1	0	Ci.	----------	1	----------	Fr.-Cu.
13	NW	NNE	NNW	NW	NNW	SW	29	57.4	145.9	46.9	279.2	1	Ci.	S.-Cu.	1	Ci.	Cu.
14	NNW	NbyW	NWbyN	NW	NNW	Calm	37.6	59	109.2	26.6	232.4	2	Ci.	S.-Cu.	4	Ci.	Fr.-Cu.
15	Calm	Calm	NNW	NNW	NNW	ESE	17.4	49.6	119.6	31.6	218.2	2	Ci.	S.-Cu.	4	Ci.	Fr.-Cu.
16	Calm	Calm	NW	NW	WSW	WbyS	18.2	53.4	93.1	37.8	202.5	2	----------	S.-Cu.NNW	2	Ci.	Fr.-Cu. NNW
17	Calm	WSW	WNW	NW	NW	NNW	28	43.5	93.6	32.2	197.3	3	Ci.	S.-Cu.	2	----------	Fr.-Cu.
18	Calm	Calm	WNW	NW	Calm	Calm	28.7	50.1	98.7	24.6	202.1	3	Ci.-S. NE	Cu.	2	Ci.-S.	Cu.-N. NNW
19	SEbyE	Calm	WNW	WbyN	NWbyN	NW	51.5	42.1	75.4	52.1	221.1	4	Ci.-S.	S.-Cu.	2	Ci.	Cu.-N.
20	Calm	Calm	NW	NW	NWbyN	NW	20.6	43.1	104.6	36.2	204.5	9	Ci.-S. E	S.-Cu.	1	----------	Fr.-Cu. NNW
21	Calm	NbyW	W	NW	NWbyN	NWbyN	20.1	51.2	126.8	66.6	264.7	5	A.-Cu. NW	S.-Cu. NW	1	----------	Cu. NNW
22	NNW	NNW	NbyW	N	N	NW	60	142.7	222.3	67.9	492.9	2	Ci.	S.-Cu.	2	Ci.	Fr.-Cu. NNW
23	Calm	Calm	NWbyN	NNW	ENE	NE	19.1	71	146.7	85	321.8	3	Ci.	S.-Cu.	2	Ci.	Fr.-Cu. NNW
24	Calm	NW	NW	NW	NNW	NW	30.6	56.6	117.5	52.6	257.3	6	Ci.-S. SW	S.-Cu. W	2	Ci. W	Fr.-Cu.
25	NW	NNE	NWbyW	NW	NW	Calm	46.5	59.3	94.6	16.1	216.5	9	A.-Cu. SW	S.-Cu.	2	Ci. SW	Fr.-Cu.
26	NE	SSW	WNW	WNW	NNW	NWbyN	44.9	52.8	110.2	72.2	280.1	2	Ci.	S.-Cu.	2	Ci.-Cu. SW	Cu.-N.
27	NW	Calm	SW	WNW	NW	Calm	39.4	55.3	85.5	19.8	200	1	----------	S.-Cu.	2	Ci. W	Cu.-N. NW
28	Calm	Calm	NW	NWbyN	NNW	NWbyN	18.5	56.9	167.1	69.8	312.3	1	----------	Cu.	2	Ci. NW	Cu.-N. NW
29	Calm	NNE	SSW	WSW	WbyW	NW	26.2	68.9	71	35.9	202	1	Ci.	S.-Cu.	8	Ci. WSW	Fr.-Cu. NW
30	Calm	SEbyS	WSW	WSW	WNW	Calm	32.4	78.6	79.5	25.1	215.6	4	Ci.-S. E	S.-Cu. SE	1	Ci.	Cu.
31	Calm	Calm	WSW	WNW	NW	NWbyN	11	47.7	81	28.8	168.5	4	----------	S.-Cu.	1	----------	Cu.
Mean	------	------	------	------	------	------	36.4	59.1	108.3	42	245.7	2.8	----------	----------	2.3	----------	----------
Total	------	------	------	------	------	------	-----	-----	-----	-----	7,617.3	----	----------	----------	----	----------	----------

VIGAN.

($\phi = 17°\ 34'$ N; $\lambda = 120°\ 23'$ E; barometer above sea, 12.2 meters; gravity correction not applied, —1.61 mm.)

APRIL, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.57	57.69	58.39	55.82	56.49	58.22	57.36	24.7	23.1	29.8	30.7	27.5	25.2	26.8	31.4	22	84	86	65	54	73	83	74.2	------
2	57.33	57.23	58.69	57.53	58.29	60.54	58.27	24.1	22.8	29.8	30.5	28	26	26.9	31.4	21.8	83	88	65	58	70	81	74.2	------
3	59.56	59.68	60.27	59.34	59.65	60.91	59.90	24.1	23	29.3	30.3	27.1	25.3	26.5	31.5	22	85	83	62	64	80	81	75.8	------
4	59.76	59.94	60.78	59.07	59.01	61.21	59.96	24	23.1	29.5	29.5	27.5	24.8	26.4	30.8	22	85	82	60	63	68	74	72	------
5	59.98	60.64	61.64	59.69	60.09	61.48	60.59	23	22.5	28.7	29.9	26.3	25.5	26	30.6	21.4	78	74	54	49	71	68	65.7	------
6	60.75	61.06	62.07	60.62	60.78	62.20	61.25	23.9	24.5	29.4	29.6	27.2	26.5	26.8	31.6	22.4	76	61	54	55	66	70	63.7	------
7	61.70	62.08	63.03	61.22	62.40	62.53	62.16	25	25.3	30.1	30.2	23.6	26	26.7	32	22.6	76	77	60	60	90	73	72.7	0.9
8	61.56	61.92	62.51	60.13	60	61.45	61.26	26	25	32.7	30.4	27.8	26.7	28.1	33.4	23.8	78	78	55	66	81	79	72.8	------
9	60.10	60.60	61.55	59.46	59.88	60.90	60.43	26.8	25.3	32	31.7	28.3	26.7	28.5	33.1	24.2	75	83	64	69	83	90	77.3	------
10	60.24	60.75	61.40	59.57	60.03	60.51	60.42	25.4	23.9	29.6	30.6	28	26.4	27.3	31.3	23	93	91	77	62	76	85	80.7	------
11	59.90	60.36	61.20	59.08	58.97	60.14	59.94	24.8	25	30.3	31	28.9	27.3	27.9	31.4	23.4	92	85	62	65	80	86	78.3	------
12	60	60.38	61.57	59.72	60	61.26	60.49	25.6	25	31.4	30.5	28.5	26.7	28	32.4	23.4	92	88	59	69	69	79	76	------
13	60.40	60.18	61.09	59.34	59.57	60.53	60.18	25.5	25.5	31.1	31.6	29	27.2	28.3	32.2	23.4	80	72	56	62	74	80	70.7	------
14	60.04	60.19	61.04	59.37	59.33	59.96	59.99	26.5	25.9	30.4	31.5	28.5	26.4	28.2	32.2	24.6	80	78	58	49	74	81	70	------
15	58.70	58.81	59.48	57.85	57.88	59.31	58.67	25.4	24.7	30	30.5	28	26.8	27.6	32	23.3	81	82	70	68	79	86	77.7	------
16	58.22	58.65	59.34	57.38	57.22	58.34	58.19	25.7	25.5	30.8	30.8	29.3	27.5	28.3	31.7	23.8	86	78	63	67	66	81	73.5	------
17	57.44	57.77	58.04	56.22	56.09	56.78	57.06	27.7	26	31.6	31	29.2	27.8	28.9	32.1	25.3	74	88	57	69	74	82	74	------
18	55.39	55.86	56.78	54.93	54.98	55.88	55.64	26.3	25.2	31	30.8	28.7	26.6	28.1	32.3	24.3	89	88	64	68	76	69	75.7	------
19	55.49	55.86	57.19	55.38	56.10	57.32	56.22	25.6	25	31	31.6	28.8	25.8	28	32.3	23.8	78	80	61	63	69	78	71.5	------
20	56.45	56.62	57.08	55.70	55.73	56.78	56.38	24.8	24	31.1	29.9	28	27.5	27.6	32.2	23.2	79	84	47	58	74	81	70.5	33.1
21	56.03	56.17	57.20	55.74	55.81	57.09	56.34	25.2	24.8	29.5	29.7	27.8	27	27.3	31	23.6	86	86	66	70	76	83	77.8	------
22	56.20	56.58	57.25	55.85	55.45	56.51	56.31	25.5	24.5	29.5	30	28.8	26.7	27.5	31	23.6	90	87	68	64	69	76	75.7	------
23	55.82	55.93	56.63	55.03	54.82	56.08	55.72	24.9	25	30	31	28.5	26.9	27.7	31.6	23.8	78	82	66	59	70	85	73.3	------
24	55.59	56.14	56.63	55.42	55.60	57.83	56.20	25.9	24.3	31.8	30.5	28.5	26.6	27.9	32.8	23.3	86	85	56	67	74	84	75.3	------
25	56.65	57.31	58.05	55.87	56.50	57.71	57.02	25.3	24.2	30.4	30.9	28.3	25.8	27.5	31.5	23.3	88	90	62	59	70	82	75.2	------
26	57.70	58.57	59.14	57.54	58.33	58.87	58.36	25.1	25.3	31.5	30.8	28.5	26.3	27.9	31.8	23.8	83	79	55	61	75	89	73.7	------
27	58.07	58.38	59.10	56.96	57.39	58.96	58.14	25.2	24.8	31	31.2	29.3	27	28.1	32.1	23.8	85	73	59	59	72	75	70.5	------
28	57.46	58.59	59.48	57.28	57.11	58.75	58.11	26.5	26	30.5	31.7	31.5	27.2	28.9	32	25.2	69	72	62	63	66	84	69.3	------
29	57.62	57.93	58.74	56.96	57.89	59.41	58.09	25.5	25.2	31.7	31.2	29	26.4	28.2	32.7	24.3	82	78	53	61	60	73	67.8	------
30	58.05	58.60	59.48	57.62	58.22	59.63	58.60	25.2	24.8	32	31.6	29	27.5	28.4	32.5	23.7	80	81	57	60	74	84	72.7	------
Mean	58.33	58.68	59.49	57.72	57.99	59.24	58.58	25.3	24.6	30.6	30.7	28.2	26.5	27.7	31.9	23.4	82.4	81.3	60.6	62	73.3	80.1	73.3	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	34

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NWbyN	Calm	NNW	NW	NNW	NW	29.8	61.8	129	59	279.6	1	Ci.-S.	S.-Cu.	1	Ci.	Fr.-Cu.
2	Calm	Calm	NWbyW	WNW	NWbyW	Calm	23.1	32.7	78.7	18.7	153.2	1	Ci.	----------	1	Ci.	Cu.
3	NW	NE	NW	NW	NNW	NNW	30.4	50.7	133.4	87.9	302.4	2	Ci.	S.-Cu.	1	----------	Cu. NNW
4	NNW	NNW	WNW	NNW	NbyW	NNW	47	74.3	165.4	102.7	389.4	1	Ci.	----------	2	----------	Fr.-Cu.NNW
5	NNW	NbyW	NNW	NNW	NNW	Calm	90.4	103.8	141	25.7	360.9	2	Ci. W	S.-Cu.	3	A.-Cu. SW	Fr.-Cu.NW
6	Calm	NNE	NW	NW	NWbyN	Calm	25.4	81.5	97.1	16.3	220.3	4	A.-Cu. SW	S.-Cu.	1	----------	Fr.-Cu.
7	Calm	Calm	WbyN	NWbyW	NWbyN	Calm	22	48.1	112.7	32.8	215.6	9	A.-Cu. E	S.-Cu. E	4	Ci. WSW	Fr.-Cu.NW
8	Calm	ESE	NNW	WNW	NNW	SSE	30.3	56	113.7	29.3	229.3	5	A.-Cu. ENE	S.-Cu.	2	Ci.	Fr.-Cu.
9	ENE	ENE	NW	WbyN	NW	Calm	48.8	57.1	96.4	30.6	232.9	1	Ci.	S.-Cu.	1	----------	Cu.
10	Calm	NbyE	WNW	NWbyW	NNW	NW	22	54.9	102.7	47.7	227.3	1	Ci.	S.-Cu.	1	Ci.	Cu.
11	Calm	SW	SSW	W	WNW	Calm	28	79.1	88.5	23.1	218.7	1	----------	S.-Cu.	2	Ci.-S. NW	Fr.-Cu.NNW
12	WNW	Calm	WbyN	NW	NW	Calm	28.5	50.4	116.7	35.4	231	1	Ci.	----------	2	Ci.-S. NW	Fr.-Cu.NW
13	Calm	EbyN	WSW	WNW	WNW	Calm	33.5	53.3	86.9	14.3	188	0	Ci.	----------	1	Ci.	Cu.
14	WNW	Calm	WSW	WSW	NW	NNW	33.6	48.9	88.7	33.8	205	1	Ci.	S.-Cu.	1	----------	Cu.
15	NNW	ESE	WNW	NW	NNW	Calm	30.1	50.7	128.1	54.7	263.6	2	Ci.	Cu.	4	Ci.	Fr.-Cu.NW
16	WbyS	ENE	SW	WNW	WNW	WSW	31.4	55.7	85	37	209.1	4	Ci.-S. SE	Fr.-Cu. SE	4	Ci.-S. NW	Fr.-Cu.NW
17	WSW	Calm	WbyS	NW	NWbyW	WSW	63.3	44.9	103.8	36.2	248.2	8	Ci. SW	Cu.	7	Ci.-S. NW	Cu.-N. NW
18	SSW	Calm	WbyN	WNW	SSW	SbyW	55	42.8	94.4	46.4	238.6	4	Ci. WbyS	Cu.	8	----------	Cu.-N WNW
19	NNW	ESE	SSW	WNW	Calm	ESE	41.5	65.7	96.1	46.2	249.5	1	----------	Cu.	3	Ci.-S. SW	Cu.-N.
20	ESE	E	W	WNW	NW	Calm	55.2	56.8	88.7	25.2	225.9	1	----------	Cu.	1	Ci.-S.	Cu.
21	ESE	ESE	W	W	NW	Calm	39.1	54.5	88.3	25.4	207.3	1	----------	Cu.	6	----------	Cu.-N. W
22	Calm	NNW	NW	WNW	NW	NW	30	53.9	88.7	35.6	208.2	1	----------	Cu.	1	Ci.-S.	Cu.
23	NW	ESE	WNW	NW	NWbyN	Calm	40.5	46.2	85	29	200.7	0	----------	Cu.	1	----------	Fr.-Cu.
24	Calm	NNW	SW	WNW	NWbyN	NWbyN	26.8	47.3	79.5	42	195.6	1	----------	Cu.	2	Ci.-S.	Cu.-N.
25	Calm	NNW	NWbyW	NWbyN	NNW	NW	33	50.2	126.1	54.5	263.8	2	Ci.-Cu.	Cu.	2	Ci.-S.	Fr.-Cu.
26	NWbyN	Calm	WSW	NNW	NNW	Calm	27.7	53.9	112.5	38.4	232.5	1	----------	Cu.	1	----------	Fr.-Cu.
27	E	ESE	WNW	WNW	NW	NW	50.1	54.4	88.3	37.3	230.1	1	----------	Cu.	1	Ci.-S.	Fr.-Cu.
28	SW	W	SW	WNW	Calm	Calm	49.1	65.4	63.3	19.8	197.6	1	----------	Cu.	2	----------	Cu.-N.
29	ESE	EbyS	WbyN	WNW	ENE	ENE	34.4	56.3	89.8	51.2	231.7	1	----------	Cu.	2	----------	Cu.-N.
30	ENE	NNE	WNW	NWbyW	NNW	NW	46.2	54.4	131	54.5	286.1	1	Ci.-S.	Cu.	2	----------	Cu.
Mean	------	------	------	------	------	------	38.2	56.9	103.3	39.7	238.1	2	----------	----------	2.3	----------	----------
Total	------	------	------	------	------	------	-----	-----	-----	-----	7,142.1	----	----------	----------	----	----------	----------

VIGAN.

(ϕ=17° 34′ N; λ=120° 23′ E; barometer above sea, 12.2 meters; gravity correction not applied, —1.61 mm.)

MAY, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1	58.51	58.51	59.63	57.74	57.79	58.63	58.47	26.5	26	31	31.2	27.9	26	28.1	33.5	24.8	81	78	65	66	74	73	72.8	------
2	57.95	58.07	58.54	56.51	56.95	58.45	57.74	24.9	25	30.6	32.2	29.6	27.8	28.4	34.6	23.5	81	80	62	55	67	82	71.2	------
3	57.37	57.47	58.56	56.17	56.03	57.50	57.18	26.8	26.6	32.3	32	31.8	30	29.9	34.7	24.8	75	63	44	53	70	43	58	------
4	56.88	57.04	58.38	57.30	56.83	58.39	57.47	28.8	27.5	31.9	31.7	30.9	29.2	30	33.9	26.1	50	56	49	54	57	60	54.3	------
5	56.59	56.91	58.10	56.96	56.87	58.24	57.28	28.8	26.9	34.4	31.8	30.5	28.2	30.1	35.8	25.4	48	54	39	50	61	71	53.8	------
6	57.58	57.76	58.83	57.03	56.85	57.55	57.60	26.8	26.3	31.3	31.8	29.6	27.3	28.8	33.6	25	68	64	48	58	69	82	64.8	------
7	56.45	56.99	57.99	56.24	57.02	58.18	57.14	26	26.7	31	31.3	29	28.1	28.7	34.1	24.3	84	75	65	70	74	84	75.3	------
8	57.38	58.06	58.47	57.23	57.50	58.62	57.88	26.6	26.1	31.9	30.6	29.6	28.6	28.9	33.7	25	90	87	66	73	79	84	79.8	------
9	58.50	58.78	59.73	58.33	58.34	59.31	58.84	28.3	27.2	31.9	31.3	30	28.3	29.5	33.8	25.3	73	78	60	64	71	75	70.2	------
10	58.16	58.41	58.74	57.27	57.33	58.33	58.04	27.6	27.1	31.8	31.7	30.1	27.5	29.3	34.2	25.8	80	72	59	66	73	84	72.3	.3
11	56.95	57.31	57.52	56.56	57	58.10	57.24	26.9	26	31.2	32.3	29.7	28.8	29.2	34	24.7	86	85	61	63	73	76	74	------
12	57.31	57.62	58.48	57.09	57.38	58.83	57.78	27.2	26.4	30.4	31.8	29.7	27.6	28.8	33.8	25	75	73	61	62	70	80	70.2	------
13	57.66	57.22	57.53	56.99	58.23	58.58	57.70	27	26.6	31.3	30.2	24.2	24	27.2	33.5	22.5	78	80	61	72	90	91	78.7	32.7
14	57.19	56.62	57.27	56	55.68	57.45	56.70	24.5	24.3	30.2	29.5	28.3	27.3	27.4	33.1	22.8	87	85	60	69	70	76	74.5	8.3
15	56.80	56.18	57.09	55.54	56.02	58.26	56.65	25.1	24.4	30.8	31.3	29.5	27.5	28.1	34.5	23.3	89	93	67	61	70	73	75.5	------
16	57.85	58.15	58.83	57.47	58.62	60.35	58.54	26.5	25.3	32.1	32.1	26.4	26.3	28.1	33.8	24.3	79	86	64	69	87	88	78.8	.8
17	59.38	59.18	60.35	58.54	58.47	59.82	59.29	25.5	25.9	29.6	31.5	29.3	28.1	28.3	34.2	24	89	85	70	63	74	76	76.2	------
18	58.76	58.67	58.64	57.22	57.17	58.13	58.10	26.7	26.6	32	32.2	30.3	27.2	29.2	33.6	25.1	80	80	62	66	70	84	73.7	1.8
19	57.42	57.62	58.14	56.51	56.28	58.15	57.35	26.2	26	32	32.7	30.2	26.8	29	33.8	24.8	88	84	57	60	69	91	74.8	1.8
20	57.27	57.39	58.13	57.07	57.25	58.64	57.62	26.5	26.5	31	32.8	29.5	28.6	29.2	34.3	25	85	84	64	59	73	80	74.2	------
21	57.25	57.34	57.41	56.60	57.28	58.77	57.44	26.7	26.7	32.7	32.2	29.8	24.6	28.8	33.8	22.9	86	81	57	64	78	91	76.2	33.8
22	57.32	57.40	57.94	56.54	57.67	58.67	57.59	25.2	25.2	28.7	31	27	26.1	27.2	33.4	23.6	87	86	75	65	72	75	76.7	------
23	57.09	57.60	58.05	56.74	56.74	57.84	57.34	25.5	25.9	30.7	31.7	29.7	28.2	28.6	33	24.2	79	78	64	63	75	82	73.5	------
24	57.12	57.42	58.57	57.03	57.06	58.09	57.55	26.6	26.2	31.2	31.9	30.2	27.9	29	34	24.4	82	77	63	65	74	77	73	------
25	57.30	58.12	58.70	56.66	57.17	58.37	57.72	26.8	26.6	31.3	32	29.8	29	29.2	34.3	25	84	83	64	65	76	80	75.3	------
26	57.03	57.66	57.68	55.90	56.06	57.55	56.98	27.2	27	31.6	32.5	30.9	29.4	29.8	34.9	25.9	83	83	60	65	74	82	74.5	------
27	56.39	56.61	56.95	54.53	54.91	56.52	55.98	28.2	27.3	33.2	32.8	31.3	30	30.5	34.9	25.9	89	88	64	65	70	78	75.7	------
28	55.19	55.54	56.23	54.88	55.87	57.16	55.81	28.8	28.2	31.1	32.5	29.4	27.5	29.6	34.2	26.5	86	87	70	63	72	78	76	.6
29	56.50	55.62	55.73	55.19	55.80	57.56	56.07	25.4	26	32.5	30.7	29.9	28.1	28.8	34.3	24	88	85	55	67	70	77	73.7	11.1
30	57.44	57.76	58.05	56.89	56.59	57.86	57.43	24.5	21.5	29.5	31.5	29.3	26.9	27.7	33	23	91	92	65	64	72	85	78.2	------
31	57.30	57.42	58.03	56.71	57.18	58.12	57.46	25.9	26.2	29.3	32.2	31.1	27.3	28.7	33.8	24.6	88	86	75	61	64	75	74.8	------
Mean	57.35	57.50	58.14	56.69	56.97	58.26	57.48	26.6	26.2	31.3	31.7	29.5	27.7	28.8	34	24.6	80.9	79.6	61.2	63.2	72.2	78.5	72.6	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	89.2

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Mid-night.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NW	SEbyE	WSW	WNW	ESE	ESE	46.4	57.6	91.2	52.3	247.5	2	Ci.	Cu.	4	Ci.-S.WNW	Cu.-N.
2	Calm	ESE	WNW	WNW	WbyN	Calm	35.4	51.7	78.7	27.9	193.7	1	Ci.	Cu.	1	Ci.	Fr.-Cu.
3	Calm	SE	NW	NWbyN	WNW	NbyW	34.1	65.8	102.8	76.9	279.6	5	Ci. W	Cu.	6	Ci. W	Fr.-Cu.
4	ESE	Calm	W	WNW	Calm	S	69	62.8	95.6	49.4	276.8	5	Ci. E	S.-Cu.	3	Ci. WbyN	Fr.-Cu.
5	ENE	NNW	NNW	WNW	WNW	ESE	46.5	77	85.8	28.8	238.1	1	----------	S.-Cu.	1	----------	Fr.-Cu.
6	ESE	ESE	WNW	NW	NNW	Calm	43.3	63.8	119.6	30.8	257.5	1	Ci.	S.-Cu.	2	Ci.-S. NW	Fr.-Cu.NW
7	Calm	ESE	SSW	WSW	WbyW	Calm	31.7	72.9	84.7	23.5	212.8	4	Ci. ESE	Cu.	4	----------	Fr.-Cu.SW
8	Calm	Calm	WNW	WNW	WNW	Calm	19.1	60.4	106.7	32.5	218.7	1	Ci.	Cu.	7	Ci.-S.WNW	Fr.-Cu.WNW
9	NW	SE	WbyN	NW	WNW	NW	39.2	54.2	117.5	38.6	249.5	2	----------	Cu.	4	Ci.-S. NW	Fr.-Cu.NW
10	Calm	SW	SW	WNW	WNW	EbyS	48.6	65.2	98.4	40.4	252.6	1	----------	Cu.	3	----------	Fr.-Cu.WNW
11	ENE	NE	WNW	WSW	NW	NNE	37.5	60.4	101.7	46.9	246.5	3	Ci.	Cu.	4	Ci.-S. W	Fr.-Cu. W
12	E	EbyS	WSW	WNW	NW	Calm	47.3	50.1	62.8	31.6	191.8	10	Ci.-S.	S.-Cu.	9	Ci.-S.	Fr.-Cu.
13	ESE	ESE	SWbyW	WSW	ESE	Calm	32.4	64.4	107.2	41	245	10	Ci.-S. NW	S.-Cu.	10	Ci.-S.	Fr.-N. SW
14	ESE	E	SWbyW	SW	SW	Calm	47.5	61.8	93.6	37.3	240.2	8	Ci. N	S.-Cu.	5	Ci. W	Fr.-cu. SW
15	Calm	Calm	WNW	WNW	NNW	ESE	27.1	35.4	88.8	58.7	210	9	Ci.-S. E	S.-Cu.	5	A.-Cu. E	Fr.-Cu.
16	ESE	ESE	NW	NW	ENE	NNW	40	71.4	85.5	43.1	240	3	Ci.-S.	S.-Cu.	3	Ci.-S.	Cu.-N.
17	WSW	SSW	WNW	WSW	WNW	NNW	57.4	56.6	79.4	31.1	224.5	8	Ci. E	Cu.	4	Ci.	Cu.-N.
18	SWbyS	ESE	SW	WSW	WSW	WbyW	51.3	59.7	83.5	34.1	228.6	1	----------	Cu.	2	Ci. WNW	Cu.
19	SW	ESE	WSW	WSW	NW	SW	47	66.2	75.4	37.3	225.9	1	----------	Cu.	2	Ci. E	Cu.
20	Calm	SSW	SSW	WSW	Calm	Calm	35.1	72.6	71.6	16.6	195.9	5	Ci. NE	S.-Cu. SE	6	Ci.-S. SW	Cu.-N.
21	Calm	SE	WSW	WNW	NWbyN	NNE	35.1	61.2	90.1	44.3	230.7	8	Ci. NE	Cu.	3	Ci.	Cu.-N.
22	NNW	Calm	NNW	NW	ESE	ESE	42.1	40.4	105.9	65.4	253.8	10	A.-S.	S.-Cu.	8	A.-Cu. N	Cu.
23	ENE	SE	WSW	WSW	NW	NW	45.3	45.3	67.4	34.9	192.9	9	A.-Cu. E	S.-Cu.	7	Ci.	Fr.-Cu.
24	ESE	SSE	SW	WSW	Calm	EbyN	59.8	56.9	72.9	28.5	218.1	1	Ci. SE	Cu.	1	Ci.	Cu.
25	ENE	Calm	WNW	NW	NNW	Calm	31.6	48	99.5	40.4	219.5	1	Ci.	Cu.	2	Ci.	Cu.-N.
26	Calm	ESE	W	WNW	NW	Calm	40.7	67.6	82.3	23.6	214.2	2	Ci. E	Cu.	2	Ci. E	Cu.-N.
27	Calm	NNW	WNW	WNW	NW	Calm	24.7	46.1	96.8	26.9	194.5	4	A.-Cu. W	Cu.	2	Ci.	Cu.
28	Calm	N	NWbyW	WSW	NE	ESE	19.6	50.1	87.1	52.6	209.4	5	Ci.	Cu.	2	Ci.	Cu.-N.
29	NNE	Calm	WbyN	WNW	NW	Calm	35.2	50.9	98.2	50.1	234.4	6	Ci. E	Cu.	8	Ci.-S.	Fr.-N. W
30	SSW	NW	SSW	WSW	Calm	Calm	45.9	61.8	58.2	18.7	184.6	10	Ci.-S.	S.-Cu.	7	Ci.-S. SW	Cu.
31	Calm	Calm	W	WNW	NWbyN	ENE	25.2	39.9	78.9	48.9	192.9	4	Ci.	Cu.	3	Ci.	Cu.-N.
Mean	------	------	------	------	------	------	40	58	89.3	39.1	226.5	4.5	----------	----------	4.2	----------	----------
Total	------	------	------	------	------	------	-----	-----	-----	-----	7,020.2	----	----------	----------	----	----------	----------

VIGAN.

(ϕ=17° 34′ N; λ=120° 23′ E; barometer above sea, 12.2 meters; gravity correction not applied, —1.61 mm.)

JUNE, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.27	57.35	57.79	56.40	56.72	57.97	57.25	26.4	26.1	31.7	32.3	30.2	25.3	28.7	34	23	79	80	61	62	67	91	73.3	11.7
2	56.48	56.62	56.90	55.58	56.27	57.89	56.62	25.5	25.5	31.5	32.5	29.3	25.6	28.3	33.8	22.8	84	84	55	58	75	91	74.5	13.5
3	55.84	56.55	57.19	56.49	56.30	56.90	56.54	24.6	25.6	31	31.6	29.5	27.8	28.4	33.9	23.2	93	90	63	60	73	82	76.8	------
4	56.60	56.38	57.04	56.22	56.64	56.66	56.59	26	25.8	32.3	32	25	26	27.8	33.9	23.6	89	88	59	65	85	86	78.7	5.1
5	56.40	56.42	57.09	55.72	56.15	57.12	56.48	25.6	26	30.4	31.2	26.7	26.1	27.7	34.6	24.2	88	82	70	69	83	85	79.5	6.5
6	56.57	55.98	55.95	54.47	55.28	56.81	55.84	26.1	25.9	31.3	32.2	29.5	25.8	28.5	34	24	85	85	62	64	76	88	76.7	3.4
7	55.78	55.50	55.47	54.31	54.97	55.95	55.33	25.6	25.5	30.6	32.4	30.2	27	28.6	34	23.5	86	84	67	60	70	78	74.2	------
8	54.91	55.07	55.10	54.09	54.65	55.66	54.91	26.5	26.5	30.7	32.5	27.8	27	28.5	34.4	24.6	82	80	72	63	82	84	77.2	1.8
9	55.09	55.17	55.07	53.66	54.97	55.76	54.95	26.1	25.9	30.8	32.1	25.7	26.1	27.8	34.6	24.6	90	88	67	64	91	92	82	16.4
10	54.97	55.58	55.85	54.15	54.13	55.26	54.99	26.3	25.8	28.2	30.8	29.1	27.6	28	32.6	24.8	95	96	87	72	81	87	86.3	15.9
11	54.29	54.96	54.73	52.98	53.58	54.89	54.24	26.7	26	28.8	30.5	25.9	24.4	27	32.8	23.1	87	92	79	75	93	96	87	67.1
12	53.56	52.42	53.07	52.06	52.14	52.58	52.64	24.2	24.1	28.1	27.3	24.8	27.1	25.9	31.1	22.8	94	95	80	86	94	81	88.3	5.2
13	51.58	51.43	52.36	51.40	52.02	53.63	52.07	27	26.3	28	29.8	25	25.1	26.9	33.3	24	80	82	87	77	94	95	85.8	8.6
14	52.88	52.73	53.70	53.17	53.53	54.58	53.43	27.3	27.6	30	29.8	26	24.7	27.6	33	22.8	78	80	69	71	94	92	80.7	20.9
15	53.69	53.54	54.30	53.12	53.32	55.05	53.84	26.1	25.6	29.3	30.5	26.7	27.6	27.6	33.4	24.1	84	90	73	74	89	87	82.8	15.6
16	53.66	53.57	54.36	53.46	53.52	55.54	54.02	26.2	26.8	29.5	28.9	28	25.5	27.5	31.4	24.4	90	87	75	80	85	95	85.3	15.1
17	54.40	54.44	54.83	54.03	53.76	56.07	54.59	26.6	25.1	29.7	30.4	28.5	26.1	27.7	31.7	23	89	93	77	76	82	95	85.3	10.4
18	55.63	55.65	56.50	55.58	55.88	56.64	55.98	25.3	25.3	29.3	29.8	28.5	27.2	27.6	31.4	23.3	88	88	69	83	88	87	83.8	------
19	56.41	56.35	56.80	55.70	56.53	56.05	56.31	26.5	26.2	30.2	31.5	24.3	25.8	27.4	32.4	23.3	90	90	68	63	96	85	82	32.5
20	55.70	55.73	56.20	54.34	54.65	56.14	55.46	25	25.1	27	30.3	28	25.8	26.9	31.6	23.6	88	88	86	72	78	92	84	9.8
21	54.99	55.15	55.53	54.50	55	56.16	55.22	25.7	25.6	29.8	30	27.3	24.5	27.2	31.8	23.2	88	84	69	75	78	91	80.8	7
22	55.91	55.96	57	56.12	56.57	57.86	56.57	25.4	25.3	26.7	26.2	26.1	25	25.8	28.4	23.3	88	85	82	85	79	88	84.5	4.8
23	56.93	57.16	58.69	57.25	58.26	59.98	58.04	24.3	24.8	28.7	29.3	27.9	26.2	26.9	31.4	23	86	81	73	72	83	77	78.7	------
24	58.17	58.26	59.20	58.77	58.93	59.99	58.89	25.5	24.4	30.6	31	29.2	26.7	27.9	32.4	23.2	81	83	57	69	75	88	75.5	------
25	58.77	59.91	60.49	59.20	59.19	59.93	59.58	25.2	25	30.8	30	29.5	26.6	27.8	32.3	23.3	89	82	68	71	74	87	78.5	------
26	58.62	59.11	59.58	58.23	58.29	59.51	58.89	26	25.2	29.7	30.4	29.1	27.1	27.9	32.1	23.6	88	90	70	68	74	83	78.8	------
27	58.21	57.98	58.17	57.33	57.94	58.64	58.04	26.2	26	31.1	30.3	28.9	26.4	28.2	32.7	24	88	88	67	72	78	87	80	1.3
28	58.03	58.10	58.83	57.84	57.49	58.99	58.21	25.5	25.3	31	31.9	29.4	28.2	28.6	33.3	24.1	86	85	64	64	75	83	76.2	------
29	58.73	59.37	59.43	58.33	57.93	59.55	58.89	26.5	26.4	32.1	32.2	28.4	26.8	28.7	33.3	25.5	92	91	64	65	85	86	80.5	.3
30	58.31	58.21	58.63	56.84	56.88	58.29	57.86	26	26	31.6	31.7	29.2	26.7	28.5	33.6	24.2	85	84	68	69	82	94	80.3	17.6
Mean	55.95	56.02	56.53	55.38	55.72	56.87	56.08	25.9	25.7	30	30.7	27.8	26.3	27.7	32.8	23.7	87	86.5	70.3	70.1	82	87.8	80.6	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	290.5

Day.	Wind.											Clouds.				
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0-10*			*0-10*		
1	ENE	ESE	WSW	WNW	NNW	NNW	54.4	56	83.4	70.3	264.1	8	Ci. E	Cu.	7	Ci. W	Cu.-N.
2	ESE	ESE	SSW	SSW	WNW	NNW	54.5	65.8	78.9	56.9	256.1	7	Ci.	Cu.	7	Ci. SW	Cu.-N.
3	NWbyN	NNW	W	WNW	NWbyN	Calm	50.1	52.9	60.7	27.9	191.6	5	Ci.	S.-Cu.	7	Ci. W	Cu.-N.
4	Calm	ENE	WSW	NW	NNW	NNW	30.9	54.7	92.7	48.9	227.2	4	Ci.	Cu.	8	Ci. N	Cu.-N. NW
5	ENE	ESE	SSW	WSW	SE	Nbyw	54.4	66	57.6	42.6	220.6	7	Ci. ENE	Cu.	9	Ci.-S. SW	Cu.-N.
6	ESE	ESE	SSW	WSW	WNW	WNW	42.3	48	68.9	38.9	198.1	7	A.-Cu.	Cu.	4	Ci.-S. WSW	Cu.-N.
7	Calm	ESE	WNW	WNW	WNW	NNW	42.8	42.1	67.6	56	208.5	3	Ci.	Cu.	4	Ci.	Fr.-Cu. WSW
8	Calm	SEbyE	SWbyS	WSW	NNE	Calm	27.6	56.6	71.1	40.2	195.5	5	Ci. W	Cu.	7	Ci.-S. SW	Cu.-N.
9	Calm	SSE	Calm	WNW	NNW	Nbyw	27.6	14.3	93.8	37.5	173.2	10	Ci.-S.	S.-Cu.	7	Ci.-S. NW	Cu.-N.
10	ESE	ESE	Calm	W	NW	NNW	20.7	20.4	57.9	30.8	129.8	10	----------	cu.-N. ESE	8	Ci.-S. ESE	cu.-N.ENE
11	SSW	Calm	Calm	NW	NNW	Calm	44.8	28.8	74.8	48.6	197	10	----------	N.	7	Ci.	Fr.-cu.NW
12	WSW	Calm	SSW	SSW	sbyw	SSW	40.4	77.5	130.4	108	356.3	10	----------	N.	10	----------	cu.-N.SSW
13	SSW	SSE	SSW	SSW	SSW	SbyW	55.2	88.2	186.4	154.5	484.3	10	Ci.-S. S	S.-Cu.	9	A.-Cu. S	Cu.-N. S
14	SbyW	SbyW	SSW	SSW	SSW	SSW	128.1	111.5	164.6	67.9	472.1	9	Ci.-S. sbyw	s.-cu.sbyw	8	Ci.-S. SSW	cu.-N.SSW
15	S	NE	SW	SWbyW	SSW	SSW	37.8	87.9	136.6	82.9	345.2	7	Ci. NE	S.-Cu.	9	A.-Cu. SW	Cu.
16	SSW	SSW	SSW	SSW	SW	SSW	62.8	112.3	95.8	53.9	324.8	10	----------	Fr.-N. SSW	10	Ci.-S. SSW	Fr.-N. SSW
17	SSW	SSW	SSW	SSW	SWbyS	S	36.8	71 4	99.6	72.9	280.7	10	Ci.-S.	S.-Cu.	8	ci.-s.swbys	Cu.-N.
18	SSW	SSW	SW	SWbyS	SSW	WSW	65	47.7	87.5	38.1	238.3	10	A.-S. SSW	S.-Cu.	10	A.-Cu.	Cu.
19	Calm	SEbyE	SW	WSW	Calm	SEbyE	34.6	47	52	52.9	186.5	9	Ci.-S.	S.-Cu.	7	Ci.-S. SW	Cu.-N.
20	SSE	SSE	SW	SW	SSW	S	40.2	59.2	111.5	78.7	289.6	6	Ci.-S. S	Cu.-N.	3	Ci.-S. SSW	Cu.-N.
21	SSW	SSW	SSW	SSW	S	S	53.4	120.5	140.3	76.4	390.6	9	Ci.-S. sbyw	s.-cu.sbyw	8	Ci.-S. SSW	Cu.-N.
22	SW	SSE	SSW	SSW	SSW	SE	47.2	98	116.4	60.4	322	10	----------	Fr.-N. S	10	----------	Fr.-N. S
23	SE	SE	EbyN	Calm	Calm	E	52	38.1	34.8	58.2	183.1	10	Ci.-S.	S.-Cu.	10	A.-S.	S.-Cu.
24	ESE	ESE	WSW	WSW	WNW	NNE	53.9	63.8	55.3	23.1	196.1	6	Ci.	S.-Cu.	9	Ci.-S.	Fr.-Cu.
25	NE	Calm	WSW	WNW	Calm	Calm	34.1	37.2	61.2	20.6	153.1	5	Ci.	Cu.	6	Ci.-S.wbys	Cu.-N.
26	ESE	Calm	W	WNW	NNW	Calm	47.2	46.1	57.9	23.9	175.1	2	Ci.	Cu.	6	Ci.	Cu.-N.
27	Calm	NNE	WSW	WNW	Calm	ESE	27.1	48.8	67.3	49.3	192.5	6	Ci.	Cu.	8	A.-Cu. W	Cu.-N.
28	E	ENE	SSW	WSW	NW	Calm	60.4	56.5	57.7	12.9	187.5	3	Ci.-S.	Cu.	2	Ci.	Cu.-N.
29	Calm	NNW	NW	NNW	Calm	Calm	22.2	49.3	93.6	41.2	206.3	3	Ci.-S. N	Cu.	4	Ci.-S. NNW	cu.-N. NNW
30	NW	SSE	SSW	SSW	NW	Calm	50.5	69.4	83.9	26.8	230.6	2	Ci.-S.	Cu.	4	Ci.-S. SSW	Cu.-N.
Mean	------	------	------	------	------	------	46.6	61.2	88	53.4	249.2	7.1	----------	----------	7.2	----------	----------
Total	------	------	------	------	------	------	------	------	------	------	7,476.4	------	----------	----------	------	----------	----------

VIGAN.

(ϕ=17° 34′ N; λ=120° 23′ E; barometer above sea, 12.2 meters; gravity correction not applied, —1.61 mm.)

JULY, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.47	57.31	57.58	56.78	57.24	59.25	57.60	26.2	25.8	30.6	30.3	26.8	26	27.6	32.6	23.7	90	90	70	72	94	93	84.8	34.6
2	57.95	57.30	58.41	57.35	57.08	58.29	57.73	25.6	25.2	28.8	30.1	29.5	28.2	27.9	32.5	24	94	93	80	75	79	88	84.8	------
3	57.41	57.65	58.18	57.04	57.52	57.94	57.62	27.1	26.5	31.5	31	29.5	24.4	28.3	33.2	22.6	92	86	63	72	82	97	82	35.1
4	56.97	56.66	56.44	56.37	56.87	57.59	56.73	24.6	24.3	30.2	31	29	27.5	27.8	33.4	22.3	97	96	72	71	83	91	85	------
5	57.31	57.48	57.25	57.23	57.44	58.64	57.56	26.3	26	32.3	32.1	29.8	27.9	29.1	34	24.9	89	87	64	60	76	85	76.8	83.1
6	58.32	58.75	58.83	58.57	58.28	59.85	58.77	24	24.3	30	29.3	25.3	25.3	26.4	32	22.7	96	93	69	74	89	86	84.5	2.6
7	58.85	59.28	59.38	58.27	57.60	59.01	58.73	25.3	25.1	31.3	31.2	29.5	26.4	28.1	33.5	23.6	87	85	64	69	75	89	78.2	.9
8	57.77	58.25	58.08	57.45	57.32	58.40	57.88	25.8	25.5	29.8	31.6	29.5	27.8	28.3	33.2	24.2	88	88	71	67	75	86	79.2	------
9	57.29	57.48	58.19	57.24	57.80	58.73	57.79	25.7	25.2	31.8	32.3	29.7	26.8	28.6	34.2	24.1	91	90	64	62	77	80	77.3	------
10	58	58.32	59.18	57.96	58.80	59.72	58.66	25.6	25.1	31.5	31.7	26.8	25	27.6	33.7	23.1	85	88	63	62	86	92	79.3	9
11	58.37	58.11	59.08	57.99	57.99	59.46	58.50	24.6	24.3	29.7	31.6	29.2	27.4	27.8	33.4	23	89	89	71	62	74	83	78	------
12	58.31	58.20	58.75	57.76	58.26	58.81	58.35	25.9	25.2	32.3	32	23.9	24.2	27.2	34	22	89	87	61	67	89	88	80.2	12.4
13	58.23	58.84	59.84	58.19	59.06	59.08	58.88	24.1	24	31.3	32.1	28.5	25.9	27.6	34	22.5	86	87	58	58	61	85	72.5	.7
14	58.83	58.81	58.62	58.03	58.35	58.39	58.51	25.8	25	32.5	32	27.5	26.1	28.2	33.4	23.7	87	88	60	64	84	90	78.8	23.6
15	57.83	57.80	58.42	57.70	58.20	58.65	58.10	25.6	25.6	31.3	30.7	25.5	25	27.3	33.1	23.7	89	88	64	69	84	88	79.5	1.8
16	58.06	58.06	58.03	56.89	56.99	58.20	57.70	24.5	24.3	32.7	31.7	26	26.7	27.6	34	22.8	86	84	64	71	81	87	78.8	------
17	57.23	57.11	57.68	56.60	55.40	56.55	56.77	25.6	24.8	31.1	31.5	27.6	27.2	28	34.2	23.5	92	92	71	71	87	90	83.8	.2
18	56.43	56.67	57.50	56.79	57.58	57.78	57.12	26.6	26.2	33.2	29.3	24.3	25	27.4	34.8	23	86	86	55	76	93	87	80.5	6.4
19	57.41	57.27	57.38	56.57	56.48	57.74	57.14	24.7	24.3	30	30.7	29.6	25.4	27.4	33.3	23	89	90	71	62	71	97	80	28.7
20	57.29	57.36	57.29	56.22	56.65	58.12	57.16	25.5	25.3	30.2	30.7	26.3	26	27.3	32.5	23.8	93	93	70	69	93	93	85.2	11.7
21	56.70	56.56	57.04	56.14	55.96	56.74	56.52	25.5	24.8	30	30.6	28.2	27.3	27.7	33.4	23.5	94	94	73	71	83	88	83.8	------
22	55.65	55.63	56.07	54.79	54.88	56.20	55.54	26.3	25.5	30.3	31	29.3	26.8	28.2	33.6	24.1	85	90	72	70	80	90	81.2	1.8
23	54.75	54.81	54.57	53.77	54.34	55.20	54.57	26	25.9	30.7	31.8	29.7	26.6	28.4	34.3	24.5	93	87	67	66	76	90	79.8	.5
24	54.67	54.74	55.67	55.32	55.70	56.53	55.44	25.5	25.5	30.7	29.7	24.4	24.4	26.7	32.4	23	90	88	69	78	92	93	85	8.4
25	55.38	55.93	56.90	55.20	56.32	56.95	56.11	24	23.9	29.5	30.6	25.3	25	26.4	33.2	22.9	91	91	70	68	93	89	83.7	15
26	55.96	55.86	56.34	55.34	55.19	56.54	55.87	24.4	24	29.3	29.7	26.2	24.1	26.3	31.6	22.5	92	91	66	70	90	95	84	39.8
27	55.17	55.10	55.44	54.77	54.67	56.02	55.20	24.3	24	26.8	25.7	25.3	24.8	25.2	29.1	23	95	94	86	91	93	94	92.2	22.9
28	55.22	55.87	55.71	55.30	54.98	56.41	55.58	24.7	24	29.3	30.9	28.9	26.8	27.4	32.9	22.8	94	97	74	65	77	89	82.7	------
29	55.76	55.28	56.03	55.09	55.12	56.69	55.66	25.5	25.2	31	32.2	29.4	26.6	28.3	33.1	24	91	89	62	65	79	91	79.5	8.9
30	56.08	56	56.34	55.39	55.14	56.79	55.96	26.3	25.8	30.1	30.8	29	27.3	28.2	33.1	24.4	90	92	74	74	81	91	83.7	.8
31	56.72	56.18	56.48	55.34	55.15	57.29	56.19	26.3	26.1	30.9	32.1	29.9	27.8	28.8	33.6	24.7	89	88	71	66	76	80	78.3	------
Mean	57.02	57.05	57.44	56.56	56.71	57.79	57.09	25.4	25.1	30.7	30.9	27.7	26.2	27.6	33.2	23.4	90.3	89.7	68	68.9	82.4	89	81.4	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	348.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NW	Calm	wbyN	NW	NNE	Calm	36.7	29.5	87.2	34.6	188	1	Ci.	Cu.	8	----------	Fr.-Cu.NW
2	Calm	Calm	ESE	WSW	WNW	Calm	34.4	28.2	48	29.5	140.1	5	Ci. ENE	Cu.	7	Ci.-S. SW	Cu.-N.
3	WSW	Calm	WSW	WSW	NW	Calm	34.1	34.8	69.2	42.1	180.2	6	A.-Cu. E	Cu.	7	Ci.-S. WSW	Cu.-N.NE
4	ESE	E	W	SW by S	Calm	Calm	43.3	54.2	63.4	21.7	182.6	2	Ci.	Cu.	6	A.-Cu. E	Cu.-N.
5	E	ESE	Calm	SW	Calm	Calm	33	49.3	77.2	31.4	190.9	6	Ci.-S.	Fr.-Cu.	6	Ci.-S. SSW	Cu.-N. SSW
6	NNE	NNE	NNE	SW	ESE	ENE	55	61	70.2	56.1	242.3	6	Ci. NNE	Cu.	9	Ci.-S.	Cu.-N.SSW
7	ESE	ENE	Calm	NW	NNW	NNE	45.3	46.7	89.9	42.1	224	9	A.-Cu. E	Cu.	6	Ci.	Fr.-Cu.
8	Calm	SW	SW by S	WSW	WNW	Calm	40.2	48.3	60.6	24.4	173.5	8	Ci.-S.	Fr.-N.	5	Ci.	Cu.-N.
9	ENE	E	Calm	WSW	NNW	NE	34.4	38.4	56.3	35.9	165	3	Ci.	Cu.	3	Ci.	Cu.-N.
10	ENE	SEbyE	NNW	WNW	NNW	Calm	44.1	48.9	84	39.9	216.9	2	Ci.	Cu.	3	Ci.	Cu.-N.
11	ESE	ESE	SSW	SSW	Calm	ESE	44.8	56.5	48	34.4	183.7	2	Ci.	Cu.	2	Ci.	Cu.-N.
12	ENE	NEbyE	NW	NW	NEbyE	ENE	44	36.4	88.2	49.4	218	2	Ci.	Cu.	7	----------	Cu.-N.
13	ENE	E	ESE	wbyN	EbyS	Calm	44.3	41.5	68.7	40.8	195.3	5	Ci. E	Cu.	1	Ci.	Cu.
14	ESE	ESE	WNW	SW	ESE	ESE	50.1	48.1	61.8	46.4	206.4	3	Ci.	Cu.	5	Ci. E	Cu.-N. WNW
15	ESE	SSE	WNW	WSW	ESE	ESE	44.5	47	71.8	54.7	218	4	Ci.	s.-Cu. SSW	7	Ci. E	Cu.-N. WSW
16	Calm	ENE	WNW	NW	SSW	Calm	29.5	38.9	81.9	26.4	176.7	1	Ci.	Cu.	5	Ci.	Cu.-N. NW
17	SSE	Calm	WNW	WNW	WSW	WNW	34.3	37.3	52.8	36.5	160.9	5	Ci.	Cu.	7	A.-Cu. E	Cu.-N.
18	S	SSW	WNW	WSW	NNW	sbyw	50.1	53.7	66.5	57.9	228.2	4	Ci.	Cu.	9	----------	Cu.-N. WSW
19	ESE	ESE	Calm	WNW	WNW	Calm	45.6	34.8	56.9	40.4	177.7	8	Ci. E	Cu.	5	Ci. SSW	Cu.-N.
20	E	SE	S	WSW	NbyW	NbyW	40.7	44.9	72.7	23.5	181.8	9	Ci.-S.	Cu.-N.	4	Ci.-S.WbyN	Cu.-N. WNW
21	NE	NNE	SW	SSW	NW	W	30.1	43.1	49.1	34.3	156.6	2	Ci.	Cu.	7	Ci.	Cu.-N.WSW
22	SE	SE	SSW	SW	Calm	Calm	33.8	48.6	39.4	23	144.8	2	Ci.	Cu.	8	Ci.-S.	Fr.-N.SW
23	Calm	Calm	SW	WSW	Calm	Calm	37.8	55.8	53.6	37	184.2	5	Ci. EbyN	Cu.	5	Ci.	Cu.-N.WSW
24	Calm	ESE	SW	WSW	sbyw	SE	47	67.8	86.9	56.9	258.1	6	Ci.	Cu.	9	Ci.-S.	Cu.-N.WSW
25	Calm	ESE	SSW	SW	Calm	SE	38.1	54.2	67	35.4	194.7	4	Ci.	Cu.	5	Ci.-S. SW	Cu.-N.
26	SE	SWbyS	SSW	SW	ENE	SE	39.7	55.3	77.7	38	210.7	3	Ci.-S.	S.-Cu.	7	Ci.-S. WSW	Cu.-N.
27	SbyW	SSE	SSW	SW	Calm	Calm	38.4	49.9	58.2	24.6	171.1	9	Ci.-S.	S.-Cu.	10	----------	Fr.-N. SW
28	Calm	Calm	SSW	wbyN	Calm	NW	33.6	41.5	62.6	22.2	159.9	9	Ci.-S.	Cu.-N.	5	Ci.	Cu.-N.
29	NE	ENE	SSW	WSW	wbyS	SSW	39.9	56.9	62.5	36.4	195.7	7	Ci.	Cu.	3	Ci.-S. SW	Cu.-N.
30	Calm	ESE	SbyW	W	Calm	Calm	34.8	61.5	56.9	23.9	177.1	6	Ci.-S. sbyE	Cu.	5	Ci.-S. SW	Fr.-Cu.sw
31	Calm	ENE	SbyE	WSW	W	SSW	37.6	65.4	61.5	37.2	201.7	8	Ci.	Cu.	3	Ci.-S. WSW	Cu.-N.
Mean	------	------	------	------	------	------	40	47.7	66.2	36.7	190.5	4.9	----------	----------	5.8	----------	----------
Total	------	------	------	------	------	------	------	------	------	------	5,904.8	----	----------	----------	----	----------	----------

VIGAN.

($\phi = 17°\ 34'$ N; $\lambda = 120°\ 23'$ E; barometer above sea, 12.2 meters; gravity correction not applied, —1.61 mm.)

AUGUST, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.99	56.85	57.30	56.54	57.20	58.70	57.26	26.5	26	31.7	32.5	29.7	26.1	28.8	33.9	24.7	87	85	65	69	77	91	79	9.7
2	58.08	57.46	57.54	56.47	56.75	58.38	57.45	25.8	25.6	30.1	32.3	29	27.5	28.4	33.1	24.5	92	92	71	68	77	84	80.7	------
3	57.44	57.72	58.19	56.74	57	58.24	57.56	26.5	26.3	26.9	30.8	28.6	27.2	27.7	32.6	24.6	87	86	90	70	80	90	83.8	14.7
4	57.86	57.87	58.97	57.87	57.81	59.10	58.25	26.3	25.5	25.7	27.7	26	25.7	26.2	30.1	23.5	90	89	94	88	94	88	90.5	23.1
5	57	56.95	57.90	57	56.52	58.30	57.28	25	25	26.6	25.5	25.5	23.9	25.2	29.6	22.8	92	92	95	93	96	97	94.2	63.8
6	57.12	57.21	56.78	56.40	56.22	57.62	56.89	23.6	23.5	26.7	25.4	24.4	24	24.6	29.5	22	97	97	81	93	95	95	93	171.1
7	57.52	57.08	57.47	57.27	57.37	57.80	57.42	23.8	24	27.8	27	25.1	25	25.4	30.1	21.8	95	93	75	80	88	88	86.5	11.1
8	57.03	57.37	57.90	56.15	57	57.58	57.17	26	24.9	27	26.3	26.1	24.8	25.8	28.1	23.1	88	94	88	90	92	94	91	110.9
9	55.85	55.28	55.66	54.49	54.60	56.28	55.36	25	26	27.7	29	27	23.9	26.4	30.8	21.8	96	93	87	81	91	96	90.7	139.4
10	53.68	53.07	54.45	53.09	51.80	52.64	53.12	23.6	22.9	23.3	24.3	23.2	24.5	23.6	25.3	21.7	98	97	97	98	98	97	97.5	427.7
11	52.14	51.79	53.15	51.70	51.53	53.75	52.34	23.8	23.5	23.6	25.2	25.3	22.7	24	27.1	21.4	98	98	88	88	89	98	94.8	157.7
12	51.78	51.77	52.25	51.81	51.63	52.75	52	25	24.7	28	28.8	26.3	28	26.8	30.6	21.5	96	97	86	81	94	88	90.3	59.9
13	52.01	52.74	53.80	53.10	53.18	55.11	53.32	25.5	24.7	24.6	25	25	25.2	25	27	23	92	97	97	97	97	96	96	270.8
14	55.61	54.83	56.52	56.24	56.31	57.52	56.17	23.9	24.9	24.8	24.6	24.2	24.5	24.5	27.6	21.9	98	90	91	98	98	96	95.2	110.4
15	56.86	57.68	58.92	58	57.73	59.17	58.06	24.8	25.4	25.8	29	28.3	27.1	26.7	31	22.2	93	94	90	83	85	90	89.2	10.2
16	58.16	58	53.04	57.24	56.73	58.45	57.77	25.7	25.5	28.9	27.4	26.5	24.4	26.4	30.9	22.7	92	91	83	84	91	97	89.7	70.4
17	57.17	56.51	56.78	55.87	55.85	57.37	56.59	23.8	24.9	25.3	27.5	25.3	24.7	25.2	29.5	22.3	98	88	93	84	93	87	90.5	17.2
18	55.81	55.77	55.74	55.52	55.60	56.25	55.78	26.2	26.3	28.7	24.8	25.2	26.2	26.2	30.6	23.5	80	79	74	95	90	82	83.3	12.7
19	55.70	56.10	56.46	55.68	55.64	56.93	56.08	26.8	26.1	25.6	26.2	24.3	24.3	25.6	28.5	21.6	81	84	93	91	96	91	89.3	115.8
20	56.23	56.47	57.02	56.52	56.47	57.57	56.71	23	23.7	26.2	25.5	25.9	24	24.7	29.2	21.7	99	94	82	92	81	94	90.3	15.2
21	56.63	56.72	58.49	56.99	57.84	59.77	57.74	23.7	24.4	27.8	29.9	27.7	27	26.8	31.3	22.4	91	91	79	69	83	82	82.5	------
22	59.07	59.06	59.82	58.23	58.46	60.29	59.16	25.6	24.8	29.7	31.3	28	26.5	27.6	32.5	23.7	91	92	70	70	85	88	82.7	------
23	59.32	58.45	53.50	57.09	56.89	58.12	58.06	25.8	25.3	29.7	30.8	28.2	25.3	27.5	32.4	24	89	85	65	66	80	91	79.3	1
24	57.10	57	57	55.95	56.30	57.85	56.87	24.5	24.5	30.3	31.4	28.3	26	27.5	32.2	24	94	93	68	66	77	89	81.2	16.6
25	56.80	56.48	57.55	57.05	57.95	59.96	57.63	23.6	24.5	31.8	32.4	27.6	26.7	27.8	33.2	22	95	87	65	64	83	90	80.7	.3
26	58.65	58.42	59.61	58.19	58.83	59.62	58.89	25.7	25	30.8	30.9	29.1	26.2	28	33	23.7	84	87	62	67	77	80	76.2	------
27	58.76	58.17	58.95	57.32	56.99	58.08	58.04	24.9	24.1	30.8	31	28.5	27.4	27.8	34.2	22.8	84	86	64	67	83	83	77.8	------
28	57.63	57.58	58.64	57.37	57.20	58.01	57.74	26	25.8	31.5	32	26.8	25.8	28	33.6	24.7	87	87	66	69	80	86	79.2	.5
29	57	56.73	58.24	57.33	56.60	58.06	57.33	24.6	23.8	30.4	32	29.1	27	27.8	33.1	22.6	90	89	64	64	78	88	78.8	------
30	57.13	57.28	58.31	57	57.36	59.40	57.75	25.7	25	29.1	31.3	24.5	24.7	26.7	32.6	23.2	91	89	70	65	92	94	83.5	28.8
31	59.11	59.24	59.36	58.09	59.32	59.91	59.17	24.5	24	31.3	31.8	30.2	26.5	28	33.3	22.6	92	93	64	59	70	77	75.8	------
Mean	56.69	56.57	57.27	56.27	56.34	57.70	56.81	25	24.9	28	28.7	26.7	25.6	26.5	30.9	22.8	91.5	90.6	79.6	79	86.8	89.9	86.2	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	1,864

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Mid-night.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	ENE	SW	SW	WNW	SW	36.4	63.4	75.6	38	213.4	4	Ci. ESE	Cu.	7	Ci.-S. SW	Cu.
2	Calm	Calm	SSW	SW	WbyS	SSE	23.9	64.6	68.4	33.5	190.4	5	Ci. E	S.-Cu.	7	Ci.-S. SW	Fr.-Cu. SW
3	Calm	Calm	SSE	WSW	W	WSW	28.7	67.8	58.1	27.7	182.3	9	Ci.-S.	Fr.-N. SSW	4	Ci.-S. SW	Cu.-N.
4	ENE	Calm	Calm	NW	SbyW	SSW	37.5	38.4	44.9	33.3	154.1	10	----------	Fr.-N. SSW	9	Ci.-S.	Cu.-N. SW
5	SEbyS	SE	WSW	WbyS	Calm	Calm	44	56.8	45.9	28.7	175.4	9	Ci.-S.	S.-Cu.	10	----------	Fr.-N. SW
6	WSW	SSE	SSW	SW	SSW	SE	49.3	105.6	111	63.3	329.2	10	----------	N. S	10	----------	N.
7	SW	S	SSW	SSW	SbyE	SbyE	92	87.7	96.9	63.8	340.4	10	----------	Cu.-N. S	10	A.-S.	Cu.-N. S
8	SSW	SSE	SSW	SSW	SSW	SSW	65.7	78.6	89.1	70.6	304	10	----------	Fr.-N. SSW	10	----------	N. SSW
9	SSW	SSW	SW	SW	SW	S	81.9	102	118	92.8	394.7	10	----------	N. SSW	10	Ci.-S.	Cu.-N. SW
10	SSE	ESE	ESE	SSW	ENE	SSW	58.2	45.6	56.1	73.4	233.3	10	----------	N.	10	----------	N. SSW
11	WNW	SSE	W	S	S	NE	49.1	62.5	81.6	88.5	281.7	10	----------	N.-cf.	10	Ci.-S.	S.-Cu. SW
12	SSW	WSW	SSW	SSW	SSW	SSW	88	122.8	141.6	134.9	487.3	10	----------	N. SW	10	Ci.-S. SW	Cu.-N. SW
13	SW	SbyW	SSW	SbyW	SbyW	S	70	50.2	70.2	73.2	263.6	10	----------	Cu.-N. SSW	10	----------	N. S
14	S	SSW	SSW	SSW	SW	SbyE	66.3	81.6	84.3	56.3	288.5	10	----------	Cu.-N. SSW	10	----------	N.
15	SSE	S	S	SSW	SSW	SSE	51.3	89.8	79.1	41.3	261.5	8	Ci.-S. S	Cu.-N. S	8	Ci.-S. SSW	Cu.-N. SSW
16	SSE	SbyE	SSW	SW	SWbyS	SW	43.3	98.5	101.4	78.1	321.3	10	----------	Fr.-N. S	10	----------	Cu.-N. SW
17	SSW	SSW	SSW	SSW	SSW	SbyE	65.2	94.6	124.2	123.7	407.7	8	Ci.-S.	S.-Cu. S	9	Ci.-S. SSW	Cu.-N. SSW
18	SSW	SbyW	SbyW	SW	SSW	SbyW	82.3	139.2	138.2	120.1	479.8	10	Ci.-S.	S.-Cu. S	10	----------	N. SW
19	SbyW	SSW	SSW	SSW	SSW	SbyE	124.1	65.8	120.7	94.1	404.7	10	----------	N. SW	10	----------	Fr.-N. SSW
20	S	SSE	SbyW	SSW	SSE	Calm	72.9	85.6	123.1	66.3	347.9	10	----------	N.	10	Ci.-S.	Cu.-N. SSW
21	SE	SSE	S	SSW	SSW	SSW	45.6	82.1	98.5	56.5	282.7	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N.
22	Calm	SbyW	SSW	SW	Calm	WbyS	32.5	62.8	54.5	23.3	173.1	6	Ci.	Cu.	8	Ci.	Fr.-Cu. SW
23	WSW	ESE	SW	WSW	Calm	WbyS	41.2	42.3	59.8	31.6	174.9	8	Ci.	Cu.	4	Ci.	Cu.-N.
24	------	------	------	------	------	------	36.8	68.2	91.7	44.8	241.5	----	----------	----------	----	----------	----------
25	------	SEbyE	------	------	------	WNW	56	60	61.8	32.4	210.2	6	Ci.	Cu.	----	----------	----------
26	ESE	ESE	NbyW	NW	NNW	ESE	57.7	54.4	88	55.7	255.8	6	Ci. EbyN	Cu.	2	Ci. EbyN	Cu.
27	E	ESE	NbyW	NNW	NWbyN	NW	35.7	44.5	121.2	34.4	235.8	4	Ci. E	Cu.	5	Ci.	Cu.
28	ESE	SEbyE	SSW	WSW	SE	SE	52.1	62.6	64.9	41.5	221.1	5	Ci.	Cu.	3	Ci.	Cu.-N.
29	ESE	ESE	SWbyW	WSW	NNW	NW	38.6	48.5	70.5	30.9	188.5	1	Ci.	Cu.	1	Ci.-S.	Fr.-Cu.
30	ESE	ESE	SSW	WSW	NEbyN	Calm	31.7	56	68.2	35.2	191.1	4	Ci.	Cu.	9	Ci.-S. SW	Cu.-N. SW
31	ESE	EbyS	Calm	WSW	WNW	ENE	41.2	30.8	52.3	41	165.3	2	Ci.-S.	S.-Cu.	3	Ci.	Cu.-N.
Mean	------	------	------	------	------	------	54.8	71.4	85.8	59	271	7.8	----------	----------	7.9	----------	----------
Total	------	------	------	------	------	------	------	------	------	------	8,401.2	----	----------	----------	----	----------	----------

VIGAN.

($\phi = 17°\ 34'$ N; $\lambda = 120°\ 23'$ E; barometer above sea, 12.2 meters; gravity correction not applied, —1.61 mm.)

SEPTEMBER, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	53.83	59.10	59.80	57.82	57.75	58.75	58.68	25.4	25.1	30.7	31.4	28	26.5	27.8	32.3	23.8	84	86	72	73	91	90	82.7	3.1
2	53.28	57.92	57.89	56.24	56.05	57.52	57.15	25.4	25.1	31	31.7	28.4	26.6	28	33.7	24	91	89	61	63	71	82	76.2	------
3	55.25	55.03	54.85	53.20	52.99	54	54.22	25.7	25.4	30.8	29.8	27.6	25.1	37.4	32.9	24	88	88	67	75	84	94	82.7	30.1
4	52.12	51.41	51.70	50.14	50.37	51.84	51.26	25.5	25.4	26.8	23.9	24.2	24.4	25	27.7	22.4	96	96	86	97	95	90	93.2	182.3
5	51.54	51.48	54.36	54.56	54.63	56.53	53.85	23.9	24.4	24.3	23.2	24	23.8	23.9	26.8	22	94	92	53	98	93	89	93.2	93.1
6	55.67	55.12	56.65	55.08	55.89	58.16	56.10	24.2	24.7	28.8	31	28.3	27.5	27.5	33.2	22.7	90	86	67	63	81	86	78.8	------
7	56.60	57.11	58.28	57.12	57.97	59.10	57.70	26.3	24.9	30.3	31	27	26	27.6	32.2	23.6	84	92	61	66	81	82	77.7	------
8	57.86	57.67	58	57.32	57.20	58.28	57.72	24.9	23.7	31	30.5	28	25.5	27.3	32.3	22.6	87	90	62	67	81	92	79.8	.8
9	57.26	57.16	57.56	56.22	56.44	58.04	57.11	24.9	24.2	29.6	30.1	26.7	26.5	27	32.4	23.1	92	94	69	71	87	87	83.8	------
10	57.17	57.52	58.01	56.43	57.06	57.77	57.33	25.3	25	31.3	31.4	28.5	26.6	28	33.6	24	94	91	66	66	81	86	80.7	------
11	57.50	57.77	58.19	56.65	56.62	58.80	57.59	25.5	25.2	30.8	31.3	29	28	28.3	33.1	23.8	91	90	67	70	80	87	80.8	2.5
12	58.28	58.86	59.65	57.77	58.12	59.25	58.66	27.6	25.2	29.9	29.5	27	23.7	27.2	32.8	22.2	88	94	73	75	92	96	86.3	28.5
13	58.89	58.02	58.55	57.14	57.06	58.10	57.96	24.2	24	29.4	29	27	26.2	26.6	31.6	22.5	92	94	68	74	88	94	85	1.4
14	56.91	56.65	57.20	55.74	55.05	56.15	56.28	25.4	25	30.4	30.5	28	26.7	27.7	32.2	23.7	93	93	72	72	88	92	85	2.9
15	55.17	54.57	55.63	54.50	55.53	57.15	55.43	25.3	25.3	30.5	28.8	24.7	24.8	26.6	32.2	22.3	92	91	72	79	89	93	86	11
16	56.21	56.72	57.39	55.73	57.50	58.63	57.03	24.2	23.8	30.7	30.5	24.2	24.2	26.3	32.7	22.3	96	95	70	72	93	96	87	8.4
17	56.74	57.08	57	55.88	56.80	58.11	56.94	24.3	24	29.3	29.9	26.5	25	26.5	30.7	22.5	89	91	72	72	79	84	81.2	------
18	56.47	55.69	57.18	55.67	56	57.10	56.35	24.3	23.5	29.3	31.2	28	25.8	27	32.8	22.3	87	91	70	65	77	89	79.8	------
19	56.19	55.97	56.54	55.80	56.39	57.34	56.37	24.7	24.2	30.8	31	28.9	26.8	27.7	33.2	22.8	89	88	64	62	80	87	78.3	------
20	56.90	56.72	57.64	56.19	56.38	57.79	56.94	25.5	24.8	30.6	31.8	29.3	26.8	28.1	32.7	23.5	88	85	65	66	76	90	78.3	------
21	55.88	55.85	56.46	55.11	55.43	56.47	55.87	25.9	25.6	31.2	32.3	27	27	28.2	33.2	24.3	91	87	61	60	84	90	78.8	8.5
22	54.95	54.87	55.48	53.42	53.30	54.97	54.50	26.7	26.5	30.6	28.8	28.3	25.3	27.7	32.1	23.9	90	88	70	77	81	96	83.7	6.5
23	53.51	52.98	53.11	51	50.97	52.37	52.32	24.7	24.6	28.8	30.4	28.3	27.5	27.4	33.2	23.3	95	94	76	76	82	87	85	51.3
24	50.98	50.37	50.71	48.97	49.47	50.17	50.11	25.1	24.5	26.2	26.9	27.2	25.6	25.9	28.9	22.6	98	96	85	89	89	94	91.8	12.4
25	49.41	49.29	51.47	50.52	50.51	52.29	50.58	25	24.6	25.1	26.6	25.7	26.5	25.6	28	23.3	95	95	91	84	86	81	88.7	6.1
26	51.92	52.71	53.85	53.12	54.05	55.39	53.59	26.3	26	28.3	30.6	27.5	26.3	27.5	31.8	24	81	76	67	69	81	74	74.7	1.3
27	55.20	55.25	57.22	55.16	55.27	56.60	55.78	25.6	25	26.6	28.8	26.7	26.3	26.5	30	23.8	88	87	87	73	83	82	83.3	12.4
28	56.16	56.08	56.37	55.75	55.80	56.76	56.15	25.1	24	24.7	26.8	25.8	25	25.2	28	22.6	89	94	88	83	89	94	89.5	4.7
29	56.13	55.61	56.52	54.63	54.79	55.85	55.59	24.1	23.8	27.5	26.3	27.3	26	25.8	30.3	22	92	93	80	90	84	93	88.7	6.1
30	55.20	55.77	57.05	55.91	56.85	58.57	56.56	25.2	24	28.4	29.6	27.8	26.9	27	30.7	22.9	92	96	84	75	82	89	86.3	.3
Mean	55.64	55.54	56.35	54.96	55.27	56.58	55.72	25.2	24.7	29.1	29.5	27.2	26	26.9	31.6	23.1	90.5	90.7	72.9	74.1	84.3	88.9	83.6	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	474.2

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10.*			*0–10.*		
1	NE by E	NE	N by W	NW	Calm	Calm	33.5	47.2	56	35.9	172.6	6	Ci.-s. E by N	S.-Cu.	5	Ci.	Cu.-N. NW
2	ESE	ESE	Calm	NW	ESE	ESE	49.3	40.7	87.4	46.2	223.6	6	Ci.	Cu.	6	Ci.-S.	Fr.-Cu.NW
3	SE	ESE	SW	WNW	NW by N	NW	46.9	41.8	121.5	55.5	265.7	5	Ci. SSW	Cu.	8	Ci.-S. WNW	Cu.-N.WNW
4	SW	Calm	WNW	W	SW	WSW	57.7	126.5	166.5	210.5	561.2	10	----------	Fr.-N. NW	10	----------	N. W
5	SW	SSW	SSW	SSW	S	SbyE	204.7	197.9	129.8	136.5	668.9	10	----------	N. SSW	10	----------	Fr.-N. SSW
6	S	S	SSW	SbyW	Calm	Calm	67.1	58.7	72.4	25.4	223.6	7	A.-Cu. S	S.-Cu.	8	A.-Cu.SbyW	Fr.-Cu.
7	ESE	ESE	sw by w	W	ENE	E	39.7	46.4	49.9	58.1	194.1	5	Ci.	S.-Cu.	8	Ci. NE	Cu.-N.
8	E	ESE	Calm	NW	NNW	ENE	45.1	41.3	119.7	42.6	248.7	4	Ci.	S.-Cu.	6	Ci.	Fr.-Cu.NW
9	Calm	Calm	WSW	WSW	SSE	SEbyS	25.9	40.2	45.9	37	149	7	Ci. E	Cu.	8	Ci.-S.	Cu.-N. WSW
10	Calm	ESE	Calm	WSW	Calm	Calm	36.4	39.1	45.7	22.8	144	4	A.-Cu. E	Cu.	7	Ci.	Fr.-Cu.
11	Calm	ESE	SW	WNW	Calm	Calm	30	52	66.6	18.5	161.1	6	Ci. E	Cu.	3	Ci.-S. W	Cu.-N.
12	Calm	WNW	SSW	WSW	WSW	ENE	25.5	46.9	65	43.1	180.5	4	A.-Cu. S	S.-Cu. S	8	Ci.-S. SW	Cu.-N. SW
13	Calm	ESE	Calm	NW by N	Calm	Calm	32.7	43	57.6	24.4	157.7	2	Ci.	Cu.	7	Ci.-S.	Cu.-N.
14	ESE	ENE	Calm	NW	Calm	Calm	30.8	33.3	47.2	20.1	131.4	9	A.-S.	S.-Cu.	8	Ci.-S.	Cu.-N. NW
15	Calm	NE	SSW	SSW	NE	Calm	32.4	45.6	76.7	27.9	182.6	7	Ci.-S. E	S.-Cu.	9	----------	Fr.-N. SW
16	NE	NE	Calm	NW	N by E	S	24.4	34.3	91.1	43.8	193.6	3	Ci.	Cu.	5	Ci.-S. NW	Fr.-Cu.NW
17	ESE	Calm	N	NW by N	ESE	ESE	43.1	63.4	104	48.8	259.3	6	Ci. NNE	Cu.	8	Ci. N	Cu.-N. NW
18	ESE	NE	SW	WSW	Calm	Calm	38.4	36.7	46.5	23.9	145.5	3	A.-Cu.	Cu.	7	A.-Cu. SW	Cu.-N. SW
19	E	ENE	Calm	SW	Calm	WSW	43.1	36	48.6	26.4	154.1	2	Ci.	Cu.	5	Ci.	Cu.-N.
20	ESE	ESE	SSW	SSW	Calm	WbyS	56.1	60.4	51.8	28	196.3	1	Ci.	Cu.	1	Ci.-S. SW	Fr.-Cu.
21	ESE	SE	SW	WSW	SW	Calm	40.7	36.8	66.2	23.6	167.3	3	Ci. E	Cu.	6	Ci.-S. W	Cu.-N.
22	Calm	Calm	WbyS	NNW	NNW	NNW	23	36.5	85.3	47.3	192.1	5	Ci.	S.-Cu.	8	Ci.-S. NW	Cu.-N.
23	NNW	N by w	NNW	SSW	SSW	Calm	36.4	48.8	54.4	19.9	159.5	6	Ci. N	S.-Cu.	9	Ci.-S. SSW	Cu.-N.
24	SW	ENE	S	SSW	SSW	SbyW	47.5	78.6	99.8	54.2	280.1	10	----------	Fr.-N. SW	9	Ci.-S. SSW	Cu.-N.SSW
25	Calm	Calm	S	SbyW	SSE	SSW	28.7	93.5	110.4	82.7	315.3	10	----------	S.-Cu. S	9	Ci.-S.	Cu.-N. S
26	S	SSE	SbyW	SSW	SSW	S	57.3	60.4	82.6	80	280.3	10	A.-S. S	S.-Cu. S	9	A.-Cu. SSW	Fr.-Cu.
27	ESE	ESE	SSW	SSW	SSW	SbyE	37.6	44.5	99.5	69.7	251.3	5	Ci.	S.-Cu.	9	A.-Cu. SSW	Cu.-N.
28	ESE	ESE	ESE	SSW	Calm	Calm	43.1	59.2	45.3	12.4	160	10	----------	N.	10	----------	Cu.-N.SSW
29	SbyE	SSE	NNW	Calm	Calm	Calm	33	39.6	27.7	35.4	135.7	5	Ci.-S. E	S.-Cu.	9	Ci.-S.	Cu.-N.
30	SbyW	SSW	SW	WSW	WbyS	Calm	27.7	44.6	69.2	22.3	163.8	4	Ci.-S. NE	Cu.	5	Ci.	Fr.-Cu. SW
Mean	------	------	------	------	------	------	44.6	55.8	76.1	47.4	224	5.8	----------	----------	7.3	----------	----------
Total	------	------	------	------	------	------	-----	-----	-----	-----	6,718.9	----	----------	----------	----	----------	----------

VIGAN.

($\phi = 17°\ 34'$ N; $\lambda = 120°\ 23'$ E; barometer above sea, 12.2 meters; gravity correction not applied, —1.61 mm.)

OCTOBER, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.96	57.68	58.66	57.29	58.16	59.35	58.18	25.2	25	30.1	30.3	28.1	26.7	27.6	32	23.6	92	90	71	70	83	90	82.7	------
2	58.56	58.42	59.36	57.02	57.93	58.55	58.31	25	24.2	30.3	30.7	27.9	26.8	27.5	32.1	22.9	91	91	74	67	83	88	82.3	------
3	57.26	58.26	58.94	56.39	57.38	58.34	57.76	25.5	24.6	29.8	31.2	27.9	26.9	27.6	32	23.3	90	93	74	64	81	77	79.8	------
4	57.51	58.67	59.38	57.28	57.92	58.78	58.26	24.8	23.7	29.3	26.7	24.7	24	25.5	30.9	22.4	87	94	68	83	92	87	85.2	3.6
5	57.83	58.37	58.90	57.32	57.62	58.77	58.14	23.9	23.4	25	27.5	25.5	23.7	24.8	29.8	21.7	92	96	87	75	91	96	89.5	16
6	57.39	57.27	58.34	55.99	56.97	57.71	57.28	23.1	23.2	28.3	29.3	25.4	23.8	25.5	31.4	21.5	97	96	74	70	91	93	86.8	7.2
7	56.96	57.23	58.09	56.35	56.89	58.68	57.37	23.5	22.7	29.6	29.5	27.7	25.8	26.5	30.3	21.3	93	96	66	73	84	90	83.7	------
8	57.81	58.19	58.41	56.50	57.10	58.25	57.71	24.5	23.9	30	30.7	28.5	27.2	27.5	31.5	22.3	96	91	65	65	81	73	78.5	------
9	57.63	57.88	58.80	57.23	57.21	58.43	57.86	26	25	29	26.4	25.7	24.5	26.1	31.2	23	79	86	74	88	91	96	85.7	13.5
10	57.06	56.77	58.07	56.56	56.84	58.49	57.30	24.3	24	24.8	24.6	23.7	24	24.2	26	21.9	97	95	92	92	93	89	93	65.5
11	58.34	58.67	59.79	57.43	57.80	58.94	58.50	23.5	23	25.7	29.7	26.7	24.3	25.5	31.7	21.5	96	97	84	63	86	87	85.5	.3
12	58.01	58.29	58.96	57.08	57.60	58.97	58.15	23.1	22.7	29.2	29.6	26.9	25.7	26.2	30.9	21.3	89	89	75	73	83	88	82.8	------
13	58.21	58.48	59.21	57.37	57.46	58.40	58.19	25	23.8	29.5	30	28.6	26.9	27.3	31.8	22.5	89	97	72	71	84	82	82.5	------
14	58.01	58.06	59.04	56.75	56.60	58.03	57.75	25.5	24.9	30.2	31.7	30.5	27.9	28.4	32.2	23.4	91	96	74	60	74	69	77.3	------
15	57.25	57.07	57.58	55.88	56.45	57.66	56.98	26.5	24.9	31.8	31.8	29	27.2	28.5	33.8	23.5	71	82	60	63	78	86	73.3	------
16	56.15	56.21	56.93	55.05	56.21	56.84	56.23	25.7	24.6	29.7	29.7	26.7	26.4	27.1	32.2	23.3	90	91	73	73	90	85	83.7	4.8
17	55.77	55.78	56.56	54.59	55.80	57.32	55.97	25.5	25	28.4	30	24.8	24.1	26.3	30.4	22.5	91	94	77	75	96	97	88.3	21.9
18	56.40	56.93	57.81	55.91	56.83	57.21	56.86	24.3	24.3	28.5	29.6	25.7	25.1	26.2	30.5	22.5	94	92	73	74	88	88	84.8	3.8
19	55.91	56.76	57.11	55.93	57.09	56.78	56.60	24.6	24.3	28.7	29.1	27.4	25.7	26.6	29.3	22.8	90	92	74	76	87	92	85.2	------
20	56.20	56.64	57.72	55.85	57.19	58.25	56.98	25.3	24.4	30.7	29.7	28.1	26.9	27.5	31.4	23.2	88	91	70	79	86	90	84	------
21	57.37	58.32	59.35	57.47	58.21	58.96	58.28	25.3	24.1	30.2	31.8	28.4	27.7	27.9	32.2	22.8	93	94	75	64	80	67	78.8	------
22	57.83	57.45	59.03	57.03	57.33	57.59	57.73	27.4	26.7	30.7	29.5	27.9	26.7	28.2	32.1	24.9	66	70	67	70	84	92	74.8	------
23	56.51	58.03	58.77	56.71	57.30	58.32	57.62	26.7	26.1	30.3	28.2	27.9	26.7	27.6	31.7	24.7	81	90	71	85	88	90	84.2	.5
24	57.54	58.35	60.09	57.70	58.19	59.61	58.58	25.9	24.8	30.7	31.2	28.4	27.2	28	32.7	23.5	92	96	74	67	83	92	84	------
25	58.67	58.43	59.17	57.40	58.43	60.29	58.74	26.3	25.5	30.7	30.7	28.8	27.4	28.2	32.8	23.9	93	92	76	74	81	86	83.7	------
26	59.51	60.30	60.90	58.27	58.93	60.84	59.81	25.5	24.7	33.7	32.3	28.7	27.3	28.7	35	23.3	90	90	44	60	79	74	72.8	------
27	59.47	59.95	60.31	57.63	58.17	59.23	59.13	24.8	24.6	31.4	31.7	28.9	26.9	28	32.7	22.3	85	79	56	62	77	69	71.3	------
28	57.54	58.01	58.65	56.77	57.54	58.89	57.90	27.1	26	33.3	32.3	28.9	26.7	29	34.9	23.7	65	67	49	56	76	85	66.3	------
29	58.07	58.96	59.74	57.83	58.04	59.58	58.70	25.5	24.3	32.2	31.5	29.7	26.2	28.2	33.9	23	78	80	48	54	76	74	68.3	------
30	58.84	59.26	59.94	57.50	58.14	58.88	58.76	25.8	27	32.2	31.7	28.6	27.6	28.8	34.3	24	67	60	52	59	74	53	60.8	------
31	58.01	58.16	58.39	55.81	56.36	57.21	57.32	25.4	23.7	31.7	31.5	27.7	25.3	27.6	33.4	22.5	70	76	46	57	75	84	68	------
Mean	57.60	57.96	58.78	56.77	57.41	58.49	57.84	25.2	24.5	29.9	30	27.5	26.1	27.2	31.8	22.9	86.5	88.5	68.9	69.7	83.7	84.2	80.2	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	137.1

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Mid-night.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	S3W	SSE	NW	WNW	NNW	NE	37.6	57.4	81	31.7	207.7	3	Ci.	Cu.	2	Ci.	Cu.
2	NE	NNW	NNW	NW	NNW	NNW	27.7	48.9	104.6	27.4	208.6	6	Ci.	Cu.	4	Ci. E	Cu.
3	NNW	NNW	NNW	NNW	N	N	25.9	38.8	124.4	46.9	236	5	Ci.	Cu. NNW	7	Ci. ENE	Cu.
4	NNW	NE	wbys	NNE	Nbyw	ENE	26	38	104.4	42	210.4	4	Ci. ESE	S.-Cu.	9	Ci.-S.	N. NE
5	NE	E	NNE	NNW	NNW	NE	27.6	44.3	57.1	57.4	186.4	10	------	N. ENE	9	A.-Cu.	Cu.-N. EbyN
6	Calm	Calm	SSW	wbys	E	SE	24.9	42.1	49.4	47.3	163.7	8	A.-Cu.	Cu.-N. NE	9	A.-Cu.	Cu.-N. WSW
7	NE	Calm	NNW	NW	NNW	NW	28.2	52.3	49.4	30	159.9	4	Ci. ESE	Cu.	7	Ci. S	Fr.-Cu.NE
8	E	NNW	NW	NNW	NNW	EbyN	25.5	57.6	44.9	48.3	176.3	7	A.-Cu.	S.-Cu.	8	A.-Cu. ENE	Cu. NbyE
9	E	ESE	NEbyE	Calm	Calm	ENE	53.7	32.8	22	23.6	132.1	9	A.-Cu. SE	S.-Cu. EbyN	10	------	Fr.-N.NNE
10	SSW	SE	S	SW	SW	SSW	36.8	112.7	170.9	160.4	480.8	10	------	Fr.-N. S	10	------	Fr.-N. SW
11	SW	SSE	E	SSW	W	W	89.9	65.2	39.7	27.9	222.7	10	------	Cu.-N. S	8	Ci. SSE	Cu.-N.
12	NE	NE	NbyE	NW	NNW	N	46.5	54.4	109.4	53.4	263.7	3	A.-Cu. S	Cu.	3	Ci.-S.	Cu.
13	NE	NbyE	NNW	NW	Calm	NNW	31.9	49.9	69.5	26	177.3	2	Ci.-S.	Cu.	5	Ci.-S. ENE	Cu.
14	NNW	NNW	WNW	WNW	W	Calm	21.7	40.4	57.6	42.1	161.8	6	Ci.	Cu.	5	Ci.	Cu.
15	E	Nbyw	WbyN	WNW	SW	S	30.9	44.8	54.7	62.8	193.2	3	Ci.	Cu.	3	Ci.-S.	Cu. E
16	Calm	SSW	W	W	WSW	SSW	22.2	34.1	45.3	38.1	139.7	8	Ci.-S.	Cu.-N.	9	------	Cu.-N.NW
17	ESE	ESE	ESE	SW	SW	SSW	26.9	33.3	60.9	45.1	166.2	9	Ci.-S.	cu.-N. Ebys	10	------	N.
18	SE	ESE	SSW	SSW	SW	ENE	42	56.8	73.4	51.7	223.9	9	Ci.-S.	S.-Cu. ENE	10	Ci.-S.	Cu.-N. SW
19	Calm	NE	NbyW	NWbyN	NW	E	27.4	61.4	78.1	34.1	201	9	Ci.-S.	Cu.-N. SWbyS	9	Ci.-S.	Cu.-N. NNW
20	E	ESE	NbyE	NW	NW	SW	47.5	56.6	67.8	23	194.9	7	Ci. ESE	N.	9	Ci.-S.	Cu. NNW
21	N	N	NNW	NWbyN	SSW	NE	25.2	44.9	69.4	43	182.5	4	Ci.	Cu. NW	4	Ci.	Cu.
22	Calm	WNW	W	WSW	wbys	NW	41.3	35.2	37.3	23	136.8	9	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N.
23	SE	S	W	N	Nbyw	SW	51.7	45.7	54.7	25.4	177.5	8	A.-Cu.	Cu. SE	9	A.-Cu.	Cu.-N.NW
24	Calm	Calm	SSW	WNW	NNW	NW	20.6	41.5	69.4	21.5	153	7	Ci.	Cu. WSW	2	------	Cu. WSW
25	NW	W	NWbyW	WbyN	W	W	22.5	47.2	59.7	19.5	148.9	0	Ci.	S.-Cu.	5	A.-Cu.	Cu. NW
26	N	NE	NNW	WNW	SSW	SE	29.8	37.6	78.7	41.5	187.6	0	------	S.-Cu.	1	Ci.	Cu.
27	Calm	ESE	NW	WNW	S	NNE	19	42.1	75	47	183.1	0	Ci.	Cu.	0	Ci.-S.	Cu.
28	NNW	WNW	EbyN	WbyS	SW	SW	40.5	62.8	54.1	24.1	181.5	0	Ci.	Cu.	1	Ci.-Cu. E	Cu.
29	SW	E	NW	NW	Calm	NNW	26.6	49.7	68.2	29.5	174	0	------	Cu.	0	------	Cu.
30	Calm	NE	N	NbyW	NbyE	N	86.1	108	123.3	87.5	399.9	1	Ci.-Cu. E	Cu.	1	Ci.	Cu.
31	N	NW	NbyE	N	N	N	53.2	97.6	150.8	133.1	439.7	1	------	Cu.	0	Ci.-S.	Cu.
Mean	------	------	------	------	------	------	36.2	52.6	74.4	45.6	208.7	5.2	------	------	5.7	------	------
Total	------	------	------	------	------	------	------	------	------	------	6,470.8	----	------	------	----	------	------

VIGAN.

(ϕ=17° 34′ N; λ=120° 23′ E; barometer above sea, 12.2 meters; gravity correction not applied, —1.61 mm.)

NOVEMBER, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	mm.
1	55.88	56.40	56.85	54.45	55.30	56.70	55.93	24.7	23.7	31.2	30.2	26.9	25.5	27	32.3	22.4	85	89	58	71	79	86	78	------
2	55.75	56.47	57.32	55.40	55.89	57.41	56.37	24.2	26.2	31.7	30.8	28.8	26.4	28	33	22.7	90	73	58	57	76	82	72.7	------
3	56.98	57.91	58.48	57.05	57.74	59.07	57.87	25.3	24.6	30.9	29.7	27.9	26.5	27.5	31.9	23.2	80	81	64	71	82	88	77.7	------
4	58.42	58.73	58.40	56	55.88	57.56	57.50	25.4	28.8	30	30.8	28.7	26.9	27.6	32.1	22.5	88	90	72	67	71	81	78.2	------
5	57.11	57.47	58.39	55.68	55.35	56.57	56.76	25	24.3	31.1	31.2	27.5	25.1	27.4	33.3	23	80	74	56	54	77	87	71.3	------
6	55.89	56.93	57.93	55.55	55.50	56.58	56.40	24.5	23.9	29.9	30.8	27.1	24.8	26.8	32.3	22.5	86	82	65	60	76	82	75.2	------
7	56.57	56.91	58.16	55.44	55.86	56.98	56.65	23.7	22.5	29.3	29.8	26.3	25.3	26.2	32	21	83	89	60	55	70	77	72.3	------
8	56.23	56.22	57.65	56.24	56.51	57.97	56.80	25.1	23.7	30.2	29.5	27.6	26.8	27.2	32.6	22.4	80	89	65	69	86	86	79.2	------
9	57.35	58.05	59.69	57.50	57.21	58.64	58.07	25.7	24.6	28.3	29.5	26.7	24.5	26.6	31.2	22.6	88	92	75	70	80	86	81.8	0.1
10	58.43	58.99	59.78	57.42	57.49	58.88	58.50	23.8	22.8	29.8	30.1	26.5	23.3	26	31.2	21	84	88	59	59	74	78	73.7	------
11	58.09	58.39	59.45	57.51	57.52	59.07	58.34	22.3	21.5	28.7	29	27.1	26.6	25.9	30.7	19.9	82	82	60	62	75	54	69.2	------
12	58.90	59.36	60.52	58.06	58.45	60.40	59.28	25.6	23.2	30	32	27.8	26.5	27.5	33.8	22	59	73	54	46	50	52	55.7	------
13	60.42	60.77	61.05	58.83	58.95	60.20	60.04	22.4	21.4	28.3	30	27	24.1	25.5	32.7	19.7	72	74	57	56	56	67	63.7	------
14	59.55	60.01	59.91	57.50	58.72	59.99	59.28	26.4	29	28.9	30.4	27	24.5	26.7	32.4	21.5	53	71	60	60	64	80	64.7	------
15	58.98	58.92	59.10	57.17	57.71	58.53	58.40	23.9	23.3	26.9	27	24.7	24	25	29	21.1	81	84	72	70	75	80	77	------
16	57.07	56.97	57.51	54.82	55.34	56.73	56.41	23.8	23.4	26.7	26.8	23.7	23.7	24.7	29.8	22	81	84	74	77	91	88	82.5	------
17	55.89	56.39	57	54.81	56.02	57.47	56.26	23.5	23.5	28.4	27.5	25.8	24.8	25.6	30.7	22	88	88	68	73	82	85	80.7	1.3
18	57.43	58.58	59.18	56.14	56.85	57.93	57.68	24.1	23.7	27.2	27.5	25.5	25.1	25.5	30	22	90	92	80	78	86	83	84.8	------
19	57.67	58.09	58.70	56.33	57.27	58.42	57.75	24.3	23.9	29.1	29.8	26.8	25.6	26.6	31.3	22.5	88	91	70	72	82	89	82	------
20	57.76	57.72	58.13	56.25	57.23	58.84	57.66	24.8	24.3	30.7	30.5	27.5	24.4	27	32.2	23	92	96	64	68	83	91	82.3	1.5
21	57.78	57.64	58.66	56.76	58.15	59.57	58.09	23.6	23.6	28.3	27.9	24.5	25	25.5	31.4	22.1	97	95	75	84	91	91	88.8	33.4
22	58.42	58.48	59.33	57.48	57.86	58.77	58.39	23.7	23.6	28.8	30.1	27.7	26.3	26.7	32.1	22.2	98	94	78	73	80	88	85.2	.3
23	57.92	57.90	58.67	57.19	57.32	57.90	57.82	25 2	25	27.8	28.6	26.8	26.2	26.6	31.5	23.5	92	93	84	81	91	89	83.3	------
24	57.73	58.31	58.85	57.28	57.49	58.12	57.96	25.2	24.7	29.5	30	26.3	25	26.8	31.3	23.3	86	85	71	76	82	89	81.5	------
25	57.24	57.52	58.23	55.96	56.05	56.97	57	23.9	23.8	29.3	29.6	27.6	25.8	26.7	32.7	22.5	95	89	74	75	89	83	84.2	------
26	53.10	56.07	56.49	54.15	54.74	55.97	55.59	24.7	24.3	29.8	32.5	29	25.9	27.7	33.4	22.3	84	86	59	55	60	74	69.7	------
27	55.66	56.33	57.31	55.40	55.71	57.07	56.25	25	23.9	27.5	28.2	25.7	24.8	25.8	29.3	22.5	78	81	70	72	78	83	77	------
28	56.53	56.83	57.72	55.92	56.89	57.67	56.98	24.2	24	27	27.2	24.2	23.2	25	29.6	21.7	81	81	70	70	78	77	76.2	------
29	57.57	57.84	58.89	56.65	57.53	58.99	57.91	22.2	22	26.2	26.6	23.6	19.8	23.4	29.9	18.2	77	78	65	62	65	86	72.2	------
30	53.60	59.36	60.37	58.03	59.34	60.35	59.34	19.7	19.6	23.9	26.4	21	19.8	21.7	28.5	18	83	78	63	50	68	71	68.8	------
Mean	57.46	57.85	58.59	56.43	56.93	58.18	57.57	24.2	23.5	28.8	29.3	26.4	24.9	26.2	31.5	1.8	83.4	84.7	66.7	66.4	76.6	81.1	76.5	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	36.6

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	Km.	Km.	Km.	Km.	0–10			0–10		
1	N	NE	W	N	N	N	87.9	59.5	139.5	62.2	349.1	1	Ci.	S.-Cu.	3		Cu.-N.ENE
2	NNW	SE	Nbyw	NW	NW	SW	40.5	73.5	59.7	25.2	198.9	2	A.-Cu.	S.-Cu.	0	Ci.-S.	Cu.
3	NW	EbyS	W	NW	NW	NW	32.4	49.3	89	27.1	197.8	0		Cu.	8		Cu. NNW
4	Calm	E	NW	NNW	Calm	S	26.8	59.8	75.9	45.1	207.6	0		Cu.	1	Ci.	Cu.
5	Calm	E	Calm	NNW	Nbyw	N	26.8	40.8	103	30.3	200.9	0	Ci.	Cu.	1	Ci.	Cu.
6	Calm	ESE	NNW	NNW	Nbyw	N	30	58.7	113.8	50.2	252.7	1	Ci. ENE	Cu.	1	Ci.	Cu.
7	Calm	Calm	NW	NNW	N	N	23.7	44.5	155	85.1	313.3	1	Ci.	S.-Cu.	2	Ci.	Cu.
8	NbyE	Calm	NWbyN	NW	Calm	NWbyN	40.7	40.5	74.6	26.9	182.7	3	Ci. SC	S.-Cu.	8	Ci.	Fr.-Cu.NW
9	NW	Calm	N	Nbyw	E	Nbyw	22.3	52.6	108.6	69.7	253.2	2		S.-Cu.	8	A.-Cu. ENE	Fr.-Cu. NNW
10	N	Nbyw	NWbyN	Nbyw	Nbyw	N	58.2	54.4	116.2	60.4	289.2	1	Ci.	Cu.	1	Ci.	Fr.-Cu. NNW
11	Nbyw	Nbyw	NW	NNW	Calm	NbyW	64.1	73.5	109.2	63.4	310.2	2	Ci. E	Cu.	3	Ci. E	Fr.-Cu.
12	Nbyw	Calm	NNW	NNE	NE	NE	77.7	59.2	125.5	119.9	382.3	4	Ci. ESE	Cu.	3	Ci. NE	Cu.
13	Nbyw	Nbyw	Nbyw	NNW	NNE	NNE	56.9	94.1	125.3	68.4	344.7	0	Ci.		1	Ci.-S. NE	Cu.
14	NE	NNE	NbyE	NNW	NNE	NNE	96.1	118.9	178	131.8	524.8	8	Ci.-S. ENE	S.-Cu. ENE	2	Ci. ENE	Fr.-Cu. ENE
15	NNE	Nbyw	NNW	Nbyw	Nbyw	NNW	103.2	178.1	175.9	130	587.2	9		S.-Cu. ENE	9	Ci.-S. ENE	Fr.-Cu.NE
16	NNW	Nbyw	NbyE	N	N	N	124.9	195.2	242.2	167.1	729.4	4	A.-Cu. NE	S.-Cu. NE	4	Ci. NE	Fr.-Cu.
17	N	N	N	NNW	NNW	N	111.6	150.8	196.3	103.3	562	3	A.-Cu.	S.-Cu. NNE	5	A.-Cu. NNE	Cu. N
18	NNW	NNW	NNW	NNW	Nbyw	Nbyw	76.2	92.3	148.1	95.8	412.4	9	A.-Cu. NNE	S.-Cu. NNE	6	Ci.-S. NE	Fr.-Cu.NE
19	Nbyw	Calm	NW	NNW	Calm	Calm	30.6	40	108.3	19.6	198.5	6	A.-Cu. ENE	S.-Cu. ENE	3	Ci.-S. N	Fr.-Cu.
20	Calm	Calm	NW	NNW	SE	NNW	18	40.7	69.4	62.8	190.9	5	A.-Cu. N	S.-Cu.	5	ci.-s. Nbyw	Fr.-Cu. NbyW
21	Nbyw	Nbyw	NNW	Nbyw	Calm	Nbyw	66.5	55	71.8	38.8	232.1	10		S.-Cu.NNW	8	Ci.-S.	Cu.-N. N
22	NW	NNE	NW	WNW	SSW	Calm	30.6	39.4	44.5	40.4	154.9	3	Ci.	S.-Cu.	5	Ci. NE	Fr.-Cu. NNW
23	SSW	Calm	SW	SW	Calm	W	28.2	30.6	50.5	33.2	142.5	10	Ci.-S.	S.-Cu.	10	A.-S.	S.-Cu. SW
24	Calm	SbyE	Calm	NWbyN	NbyE	NE	36.5	37.6	-----	-----	-------	8	A.-Cu. SW	S.-Cu. SW	5	Ci.-S. NW	Cu.-N. NW
25	ESE	ESE	NEbyN	NW	Calm	Calm	-----	-----	-----	27.1	-------	7	A.-S. SW	Cu.-N.	5	Ci.-S. NNW	Fr.-Cu.NW
26	Calm	Calm	NNW	N	NE	N	21.9	89.8	136.6	82.7	331	1	Ci.	S.-Cu.	2	Ci.-S.	Fr.-Cu.
27	N	N	NNE	N	Nbyw	N	73.7	118.8	159	105.2	456.7	0	Ci. NE	S.-Cu.	8	ci.-s. NbyE	Fr.-Cu. N
28	N	N	NNE	N	NNE	N	145.1	205	229.5	160.4	740	3	Ci.-S. N	s.-Cu.NbyE	6	Ci.	Fr.-Cu. NE
29	NNW	N	Nbyw	N	N	N	150.2	168.1	237.6	109.7	665.6	1	Ci.	S.-Cu.	1		Fr.-Cu. N
30	Nbyw	NNE	N	Nbyw	NNE	N	93	153.5	178.4	112	536.9	7	Ci.-S. SE	S.-Cu.	7	Ci.-S. S	Fr.-Cu.
Mean	------	------	------	------	------	------	62	85.3	129.3	74.3	355.3	3.7	----------	----------	4.4	----------	----------

VIGAN.

(ϕ=17° 34′ N; λ=120° 23′ E; barometer above sea, 12.2 meters; gravity correction not applied, —1.61 mm.)

DECEMBER, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.75	59.71	60.02	57.53	58.10	58.89	59	18.8	18.3	24.4	25.6	22.8	21.8	22	28.1	16.8	76	77	60	60	72	70	69.2	------
2	58.40	58.65	59.37	56.86	57.44	57.85	58.10	21.3	21.3	24.8	26.2	24	23.3	23.5	28.2	18.6	72	71	68	67	79	75	72	------
3	56.99	57.40	58.46	57.37	58.67	59.78	58.11	23.1	23	24.5	27.7	24.8	23.8	24.5	29.4	21	76	77	85	67	83	90	79.7	0.1
4	58.59	58.34	59.25	56.79	57.67	58.51	58.19	23.4	22.6	27.6	30.5	27.4	25.5	26.2	31.6	20.2	90	87	73	63	81	84	79.7	------
5	57.51	57.43	58.10	56.04	56.54	57.32	57.16	24	23	29.9	30.8	27.5	25	26.7	31.8	21.5	83	87	62	60	79	88	76.5	------
6	57.13	57.39	57.94	56.07	56.16	57.50	57.03	24.2	22.8	29.7	30.6	27.7	25.7	26.8	31.7	21.3	84	92	54	64	82	86	77	------
7	57.24	57.36	58.54	56.29	56.81	58.18	57.40	25	24.8	29.5	31	27.2	25.7	27.2	32.4	22.5	78	64	52	62	79	77	68.7	------
8	57.41	57.79	58.20	56.10	56.54	57.87	57.32	25	23.9	28.8	29.4	26.3	25.1	26.4	32.1	22.5	80	84	65	68	79	82	76.3	------
9	56.90	57.08	58.34	56.32	56.99	57.98	57.27	24.8	24.2	27.8	30.7	27.8	25.2	26.8	32.8	22.5	81	82	75	67	79	87	78.5	------
10	57.58	58.07	59.01	56.63	57.41	58.53	57.87	24.2	23.7	28.8	29.9	26.8	25.5	26.5	32.4	22.5	87	92	69	69	83	88	81.3	------
11	57.81	57.89	58.45	56.50	57.32	58.75	57.79	23.8	23.1	28.8	30	26.3	25.1	26.2	31.5	21.6	87	87	69	67	73	75	76.3	------
12	57.92	58.01	58.63	56.58	56.77	58	57.65	24.3	24	27	28.7	26.8	25.8	26.1	31.5	22.5	80	82	72	68	78	79	76.5	------
13	57.98	58.24	59.37	56.90	57.14	58.06	57.95	25.3	24.5	28.3	30.5	27.8	26.6	27.2	32.1	22.6	78	79	71	64	82	76	75	------
14	57.52	57.93	59.23	56.96	57.36	58.03	57.84	24.7	23.6	28.8	29.2	27.7	25.7	26.6	31.2	22	83	85	72	71	82	86	79.8	------
15	57.08	57.01	58.23	55.79	56.69	57.71	57.08	24	23.8	29.8	30.5	25.8	24.5	26.3	32.6	22	88	89	64	60	75	75	75.2	------
16	56.57	56.67	57.85	54.62	55.60	56.87	56.36	23.8	23.8	27.2	31.7	27.8	25	26.6	32.1	22	80	77	72	60	77	83	74.8	------
17	56.62	56.81	57.25	55.22	56.26	57.20	56.56	24.4	23	29.8	31	28	26.2	27.1	31.8	21.4	86	90	65	63	82	82	78	------
18	56.17	56.37	57.38	55.22	55.94	56.55	56.27	24.8	24.3	28.5	30	27.5	25.8	26.8	31.3	23	91	89	74	70	84	89	82.8	------
19	56.52	56.69	57.71	55.20	55.91	57.37	56.57	25.1	23.9	28.6	30.1	27.5	26.1	26.9	31.1	22.6	91	92	74	69	83	87	82.7	------
20	57.02	57.29	57.69	55.08	56.54	58.40	57	24.8	23.8	30.3	31.5	27.8	25.2	27.2	32.1	22.2	91	93	66	57	82	83	78.7	------
21	58.33	58.46	58.73	56.60	56.78	58.01	57.82	24.9	24	29	29.4	27.1	24.6	26.5	30.3	22.6	81	83	68	66	80	82	76.7	------
22	57.28	57.52	58.36	56.23	56.90	57.70	57.33	23.6	23.7	29	30.5	28	26.2	26.8	31	22	79	77	62	59	72	67	69.3	------
23	57.13	57.27	58.39	56.35	56.85	57.56	57.26	24.9	24.6	29.5	29.5	27.7	24.7	26.8	30.4	22.3	69	67	58	61	73	86	69	------
24	57.03	57.08	57.86	56	57.42	58.22	57.27	23.7	23	29.3	29.5	25	25.3	26	31.2	21.5	84	87	68	74	90	81	80.7	6.7
25	58.12	58.87	59.51	57.38	57.82	58.31	58.34	24.6	24	28.6	28.9	26.5	24	26.1	29.4	22.5	87	91	73	73	84	84	82	------
26	57.93	58.22	58.72	56.54	57.04	57.92	57.73	23.3	23.1	28	29.4	27.6	26.4	26.3	29.9	21.5	83	82	62	54	56	55	65.3	------
27	57.90	58.17	58.66	56.54	57.50	58.24	57.84	25.2	23	29.8	31.9	28	27.2	27.5	32.6	21.5	62	70	47	43	48	48	53	------
28	58.05	58.20	59.21	56.57	57.72	58.80	58.09	26.5	25.9	29.8	31.1	26.8	25.8	27.6	31.9	24.4	50	50	46	41	47	52	47.7	------
29	57.01	57.47	58.40	56.61	57.62	58.63	57.62	25.2	25.1	29.5	28.1	26.8	24.7	26.6	31.6	23.3	54	55	48	61	71	82	61.8	------
30	57.42	57.57	58.97	56.72	58.20	58.52	57.90	23.7	23.3	27.4	28.2	25.5	23.3	25.2	28.6	21.6	84	84	69	59	73	89	76.3	.5
31	57.53	57.78	58.26	55.84	57.40	58.22	57.51	23.1	23	28	29	27.5	25.3	26	31.6	21.7	89	86	67	68	70	81	76.8	------
Mean	57.50	57.70	58.52	56.30	57.07	58.05	57.52	24.1	23.5	28.4	29.7	26.8	25.2	26.3	31.2	21.8	80.1	80.9	65.5	63.1	76.1	79	74.1	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	7.3

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	N	NbyW	NbyW	NbyW	N	N	86.7	126.6	215.3	138.7	567.3	3	Ci.	S.-Cu.	1	Ci.	Fr.-Cu NbyW
2	N	NbyW	NbyE	NbyW	N	N	113	152.6	176.2	143.7	585.5	8	Ci.-S.	S.-Cu. SW	9	Ci.-S. NE	Fr.-Cu.
3	N	N	N	SSW	NbyE	Calm	102.7	86.3	55.8	[a]15	259.8	8	A.-Cu. N	S.-Cu. N	9	Ci.-S.	S.-Cu. SW
4	Calm	NbyW	NWbyN	NNW	Calm	NW	------	[a]21.5	65	33.2	------	4	Ci.	S.-Cu.	2	Ci.	Fr.-Cu. NNW
5	Calm	Calm	WSW	WSW	Calm	Calm	20.4	41.6	46.9	28.5	137.4	0	Ci.	Cu.	3	Ci.-S.	Fr.-Cu.
6	Calm	Calm	NNW	NW	Calm	NW	20.7	41.5	65.8	49.9	177.9	0	----------	S.-Cu.	0	----------	Fr.-Cu.
7	Calm	E	NW	NW	NNW	NWbyN	38.3	48.8	115.7	111.2	314	0	----------	S.-Cu.	1	----------	Fr.-Cu.
8	N	N	NNW	NNE	NNE	NbyW	107	142.2	184.8	144	578	1	----------	S.-Cu.	5	----------	Fr.-Cu. NE
9	N	NNE	NNW	NNW	SW	N	119.7	51.7	60.4	34	265.8	5	A.-Cu.	S.-Cu.	4	Ci.-S. EbyN	Fr.-Cu. NE
10	Calm	N	Calm	NNW	Calm	Calm	26.8	41.6	91.1	18.8	178.3	3	Ci.	S.-Cu.	2	Ci.	Fr.-Cu.
11	NbyW	Calm	NNW	NbyW	NbyE	N	------	56	159.1	[c]106.5	------	2	Ci.	S.-Cu.	2	Ci.	Fr.-Cu. NEbyN
12	N	N	NNW	NbyW	NNW	N	87.7	101.7	100.1	76.7	366.2	9	A.-Cu. E	S.-Cu. NE	7	Ci.-S. N	Fr.-Cu. N
13	Calm	Calm	NW	NW	Calm	S	30.9	46.7	79.9	43.5	201	5	Ci.-S. N	S.-Cu. N	2	Ci.	Fr.-Cu.
14	Calm	SE	NW	NWbyW	Calm	Calm	25.5	52.5	64.1	14.7	156.8	1	Ci.	Cu.	7	----------	Fr.-Cu. NE
15	Calm	N	NbyW	NNW	N	N	42.4	83.1	174.4	131.4	431.3	1	Ci.	Cu.	1	Ci.	Cu.
16	N	N	NNW	NWbyN	NNW	NNW	82.7	67	90.9	34.4	275	4	A.-Cu. N	S.-Cu.	5	Ci.	Fr.-Cu.
17	Calm	NNW	NbyW	NW	Calm	Calm	[b]13.2	52.3?	58.7	23.8	148	3	Ci.	S.-Cu.	3	Ci.	Cu.
18	Calm	Calm	SW	W	NW	Calm	16.6	40.8	56.3	23.8	137.5	4	Ci.-Cu.	S.-Cu.	4	A.-Cu. SW	Fr.-Cu. NW
19	Calm	Calm	N	NWbyN	NNW	Calm	29.5	61.2	97.9	20.4	209	2	Ci.	Cu.	3	Ci. N	Cu.
20	Calm	Calm	NbyW	NWbyN	Calm	Calm	19.5	[a]12.6	[c]80.5	29.3	141.9	4	Ci.	S.-Cu.	5	Ci. ENE	Fr.-Cu.
21	NNW	Calm	NNW	NNW	NNW	NNW	27.4	46.5	87.4	39.1	200.4	9	----------	Fr.-N. NE	8	Ci.-S. NbyE	Fr.-Cu.
22	NNW	Calm	NNW	NWbyW	NNW	NNW	48.1	35.7	60.7	43.5	188	1	Ci.-S.	S.-Cu.	4	A.-Cu. W	Fr.-Cu. NE
23	E	E	NW	NW	Calm	Calm	40.8	61.8	74.5	24.1	201.2	0	----------	Cu.	1	----------	Fr.-Cu. NW
24	NW	W	NNW	NW	SE	SE	35.6	48	57.3	54.9	195.8	0	----------	S.-Cu.	2	Ci.	Cu.-N.
25	Calm	Calm	NbyE	NW	N	N	18.8	48.8	97.6	78.7	243.9	8	A.-Cu. E	Cu.	8	Ci.-S. N	Cu.-N. NNW
26	N	N	NbyW	N	ENE	NE	63.9	100.9	137.4	150	452.2	4	Ci.	S.-Cu.	3	Ci. NbyE	Fr.-Cu.
27	NNE	N	NEbyE	ENE	ENE	NE	64.9	58.9	113.3	122.6	359.7	2	Ci.	S.-Cu.	7	A.-Cu. S	Fr.-Cu.
28	NE	NEbyE	EbyN	EbyN	E	ENE	102.5	128.1	190.1	156.7	577.4	3	Ci.	S.-Cu.	5	Ci. SW	Fr.-Cu.
29	ENE	ENE	N	WNW	Calm	Calm	84	83.9	40.8	18.2	226.9	9	A.-S. E	S.-Cu. E	10	A.-Cu. S	S.-Cu.
30	Calm	NE	Calm	NW	NW	N	24.3	34.6	31.8	47.3	141	10	A.-S. S	S.-Cu.	10	A.-S. S	S.-Cu. S
31	Calm	NNE	NbyE	NW	Calm	SW	26.4	39.2	49.1	25.4	140.1	9	A.-Cu. E	S.-Cu.	5	Ci. WNW	Fr.-Cu. NW
Mean	------	------	------	------	------	------	52.4	65	96.2	63.9	277.8	3.9	----------	----------	4.5	----------	----------

[a] 3 hours missing. [b] 2 hours missing. [c] 1 hour missing.

TUGUEGARAO.

(ϕ=17° 36′ N; λ=121° 40′ E; barometer above sea, 23 meters; gravity correction not applied, —1.61 mm.)

JANUARY, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	60.17	60.01	60.99	57.72	58.90	58.95	59.46	23.6	22.8	26.1	29	24.8	23.8	25	30.2	21.5	93	93	81	72	87	90	86	------
2	58.40	58.11	59.89	57.19	57.74	58.29	58.27	22.4	22.4	23.3	25.4	24.8	23.4	23.6	26.2	21.4	96	98	96	93	89	92	94	16.7
3	57.52	57.56	59.21	57.26	58.11	58.94	58.10	23	22.6	23.2	24	23.5	23.5	23.3	24.5	22	95	95	97	91	97	96	95.2	28.4
4	58.81	59.24	61.37	58.96	59.82	61.49	59.95	23.3	23.5	24.9	30	25.6	23.9	25.2	30.8	22.2	91	90	90	75	88	94	88	12.5
5	60.81	61.06	62.54	60.35	61.53	62.31	61.43	23.3	23.2	26.1	26	24.4	23.8	24.5	28.1	22.5	97	99	88	86	91	97	93	1.3
6	61.42	61.16	62.30	59.88	60.48	61.22	61.08	22.5	21.9	23.8	29.9	26.4	24.5	24.8	30.5	21.3	97	96	94	69	86	91	88.8	------
7	60.91	60.84	61.37	59.26	59.67	60.84	60.48	22.6	22	25.6	30.2	28.1	25.3	25.6	32	21.6	93	96	92	69	80	89	86.5	------
8	60.89	61.44	62.91	60.93	61.41	62.96	61.76	22.8	22.2	26.5	31.7	28	25.4	26.1	32.5	21.5	95	93	80	63	80	87	83	------
9	63.13	63.65	64.57	61.70	61.85	64.27	63.19	23.2	22	26.2	31.2	28.2	24	25.8	32.5	21.2	88	91	82	62	76	83	80.3	------
10	63.18	63.70	65.72	62.69	63.02	64.87	63.86	22.6	20.8	25	30.2	26.3	24	24.8	31.1	20.2	84	89	88	63	74	91	81.5	------
11	64.20	65.15	66.22	62.76	63.71	65.04	64.51	23.3	20.6	25.1	29	24.6	23.8	24.4	30.2	20.4	90	94	86	66	80	85	83.5	------
12	63.98	64.02	65.38	62.83	63.83	64.43	64.08	23	22.6	24.6	27.5	24.6	23.5	24.3	29	21.5	91	96	87	74	76	82	84.3	------
13	63.92	64	65.11	62.25	62.77	64.16	63.70	23	21.8	27	28.4	25.3	23.4	24.6	29.2	20.3	97	88	84	73	82	92	86	------
14	62.62	62.79	63.74	60.62	61.25	61.99	62.17	21.7	21.8	25	27.6	25.4	22.3	24	28.5	20.3	98	88	79	75	84	97	86.8	------
15	60.67	60.46	61.52	59.43	60.46	61.84	60.78	22.7	21.6	23.8	25.6	23	22	23.1	27.6	21.2	92	90	85	73	80	81	83.5	------
16	60.79	61.19	63.37	61.77	62.24	63.54	62.15	20.6	19.6	22.5	22.4	20.6	18.2	20.6	24.2	17	87	90	74	66	77	88	80.3	------
17	62.72	62.71	64.31	61.77	62.77	64.16	63.07	17.2	17.1	22.4	23	21	18	19.8	25.4	16	82	84	60	64	68	86	74	------
18	63.61	64.17	65.01	62.42	62.92	64.29	63.74	18.1	18	20.6	21.4	21.2	19.8	19.8	24.2	16.6	89	86	81	83	73	83	82.5	4.6
19	63.11	63.89	65.03	63.27	63.65	64.29	63.87	18.6	18.5	20.8	22.4	21	19.9	20.2	23.8	18	94	93	80	84	80	86	86.2	1.5
20	63.21	63.23	64.23	61.47	61.44	62.34	62.65	18.4	18.5	22.1	26	23.8	20.2	21.5	27.5	18	94	96	81	77	74	87	84.8	------
21	60.57	61.43	62.78	60.50	60.66	60.95	61.15	19.8	18.5	21.8	24.8	22.5	20.8	21.4	25.4	17.8	89	92	89	70	82	93	85.8	------
22	60.45	61.11	61.93	58.24	58.74	59.69	60.03	20.1	18.2	23.8	29.3	25.6	22.7	23.3	30.4	17.5	94	95	85	54	76	80	80.7	------
23	59.27	59.38	60.11	57.88	59.49	61.08	59.53	21.9	20	26.4	28	24.9	23.6	24.1	29.5	19.6	87	94	79	73	78	86	82.8	------
24	60.67	61.68	63.28	61.79	63.16	64.19	62.46	22.1	20.5	23.5	23.1	20.2	19.5	21.5	25.4	18.3	94	90	78	79	87	90	86.3	------
25	63.21	63.95	65.28	62.32	62.84	64.14	63.62	19.4	19.6	22.3	24.6	21.2	20.3	21.2	25.8	18.2	91	92	82	80	95	95	89.2	------
26	63.36	63.11	64.54	61.48	61.63	62.98	62.86	20.3	20.5	22.6	26	24.1	22.5	22.7	27	19.8	94	94	91	82	84	91	89.3	------
27	61.85	61.68	62.52	59.54	60.48	61.89	61.89	22.2	22	24.4	26.8	24.1	22.3	23.6	27.4	21.5	94	96	94	77	85	98	90.7	9
28	60.75	61.15	61.87	59.40	60.11	61.41	60.78	22.1	22.1	24.5	27.8	25.1	23.5	24.2	28.2	21.7	96	99	90	73	91	94	90.5	1
29	60.20	60.24	61.33	59.14	59.85	60.82	60.26	22.6	21.7	25	26.5	23.2	22.4	23.6	27.4	20.3	92	94	84	72	90	91	87.2	.8
30	60.46	60.35	62.05	59.96	59.96	60.84	60.60	21.8	21.7	22.5	23.6	21.1	20.3	21.8	24.4	19.8	96	94	96	96	97	92	95.2	21 5
31	58.96	58.69	59.69	57.27	57.24	58.61	58.41	20.3	19.5	21.1	23.8	23	21.2	21.5	24.3	19.4	93	100	94	87	96	96	94.3	3.8
Mean	61.41	61.65	62.91	60.39	61.03	62.16	61.59	21.5	20.9	24	26.6	24.1	22.3	23.2	27.8	20	92.4	93.1	85.4	74.9	83.3	89.8	86.5	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	101.1

Day.	Wind.												Mean force.	Clouds.				
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.			6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–10*			*0–10*		
1	Calm	----	NNW	1	Calm	----	NW	2	NW	2	NW	2	1.2	7	----------	S.-Cu. N	4	Ci.	Cu. N
2	NW	2	Calm	----	Calm	----	NW	1	Calm	----	N	1	.7	10	----------	N.	10	----------	Cu.-N.N
3	NW	2	N	1	Calm	----	Calm	----	Calm	----	Calm	----	.5	10	----------	Cu.-N.	10	----------	N.
4	SE	1	Calm	----	ENE	1	NE	1	NE	1	Calm	----	.7	10	----------	N. S	7	----------	Cu.-N. E
5	Calm	----	Calm	----	Calm	----	N	1	SE	1	Calm	----	.3	10	----------	Cu.-N. S	10	----------	Cu.-N. NW
6	SE	1	S	1	SE	1	SW	1	Calm	----	Calm	----	.7	10	----------	N.	4	----------	Cu. S
7	Calm	----	Calm	----	SE	1	SE	2	SE	1	SE	1	.8	2	----------	S.-Cu.	8	----------	Cu. S
8	Calm	----	SE	1	E	1	SE	1	SE	1	Calm	----	.7	0	----------	----------	3	Ci.	Cu. E
9	Calm	----	Calm	----	SE	1	N	1	Calm	----	SE	1	.5	0	----------	----------	2	----------	Fr.-Cu.
10	Calm	----	Calm	----	Calm	----	NE	1	NE	3	NW	4	1.3	0	----------	----------	1	----------	Fr.-Cu.
11	NNE	3	Calm	----	Calm	----	Calm	----	NE	3	N	2	1.3	0	----------	----------	8	----------	Cu.-N. NE
12	NE	1	Calm	----	N	1	NE	4	NE	4	NE	4	2.3	8	----------	Cu.-N. N	10	----------	Cu.-N. N
13	NE	2	N	1	N	2	NE	4	Calm	----	Calm	----	1.5	7	----------	S.-Cu. ENE	8	Ci.	S.-Cu. E
14	NW	2	N	2	NW	2	N	2	NE	3	NW	4	2.5	6	----------	S.-Cu. E	8	Ci.	Cu.-N. E
15	NE	3	NE	4	NW	3	NE	3	NNW	4	NW	4	3.5	10	----------	N. N	10	----------	Cu.-N. NE
16	NW	4	NW	4	NE	3	NE	4	N	1	N	2	3	10	----------	Cu.-N. E	7	----------	Cu.-N. N
17	NW	2	NW	2	NE	2	NE	3	NW	2	N	2	2.2	4	Ci.	Fr.-S. NE	8	----------	S.-Cu. E
18	NE	1	Calm	----	NE	1	S	1	N	1	NE	1	.8	7	----------	S.-Cu. N	10	----------	Cu.-N. E
19	Calm	----	NNE	1	Calm	----	NW	1	N	1	N	2	.8	7	----------	S.-Cu. N	10	----------	Cu -N. N
20	Calm	----	Calm	----	NW	1	NW	1	Calm	----	Calm	----	.8	10	----------	Cu.-N. E	7	----------	Cu.-N. E
21	Calm	----	Calm	----	SE	1	NE	1	Calm	----	Calm	----	.8	10	----------	S.-Cu. S	10	----------	Cu.-N. SW
22	Calm	----	Calm	----	SE	1	S	1	NE	1	N	2	.8	1	----------	Fr.-S.	2	----------	Fr.-S.
23	Calm	----	Calm	----	SSE	1	N	1	NW	2	NW	4	1.8	8	----------	S.-Cu. SE	7	----------	Cu.-N. NW
24	NW	4	NW	5	NW	4	NW	3	NW	2	NW	3	3.5	10	----------	N.	10	----------	S.-Cu. N
25	Calm	----	N	1	NE	2	NE	3	NE	4	NE	4	2.3	8	----------	S.-Cu. N	10	----------	S.-Cu. N
26	Calm	----	Calm	----	NW	1	NE	3	N	1	NE	1	1	10	----------	N.	10	----------	Cu.-N.N
27	N	1	NE	1	Calm	----	NE	2	NE	3	NE	3	1.7	10	----------	N.	8	----------	Cu.-N.N
28	NW	1	Calm	----	Calm	----	N	1	NE	1	Calm	----	.5	10	----------	N. N	9	----------	Cu.-N. E
29	Calm	----	Calm	----	S	1	NNW	1	Calm	----	N	1	.5	6	ci., ci.-cu.	Fr.-S.	10	----------	Cu.-N. SE
30	Calm	----	Calm	----	Calm	----	NE	1	NE	1	Calm	----	.3	10	----------	N.	10	----------	N. N
31	Calm	----	Calm	----	SE	1	SE	1	Calm	----	Calm	----	.3	10	----------	N.	10	----------	Cu.-N.
Mean	-------	1	-------	0.8	-------	1	-------	1.7	-------	1.4	-------	1.5	1.2	7.1	----------	----------	7.8	----------	----------

TUGUEGARAO.

(ϕ=17° 36′ N; λ=121° 40′ E; barometer above sea, 23 meters; gravity correction not applied, —1.61 mm.)

FEBRUARY, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.08	58.50	60.14	58.46	58.27	59.72	58.86	21.5	21.6	23.9	26.1	23.5	21.6	23	26.6	20	82	90	84	74	83	92	84.2	----
2	59.06	59.10	60.45	57.35	57.56	58.56	58.68	21.1	20.8	23.3	26.1	22.6	22.1	22.7	27	20.5	95	95	90	83	95	95	92.2	9.1
3	57.63	58.16	59.63	57.30	57.75	58.92	58.23	21.3	21.3	22.5	23.3	21.5	20.8	21.8	23.5	20.1	97	98	92	93	98	95	95.5	17.9
4	58.26	58.16	59.13	56.44	56.10	57.39	57.58	20.2	20	23	26.5	25.4	22.5	22.9	28.2	19.6	98	97	91	74	85	96	90.2	------
5	57.61	57.91	59.41	56.23	57.19	58.91	57.88	21.4	20.4	24.4	29.4	25.2	22.5	23.9	31.2	19.3	96	96	82	63	74	91	83.7	------
6	58.91	59.58	60.71	56.98	56.77	58.06	58.47	21.2	19.7	24.6	29.6	26.6	22.5	24	31.4	19.4	94	96	85	58	74	94	83.5	------
7	57.32	57.68	58.81	55.79	55.66	56.57	56.97	19	18.9	24.5	29.2	26.6	22.5	23.4	31	18.5	98	95	80	67	66	93	83.2	------
8	56.57	57.29	59.01	56.12	56.87	58.94	57.47	20	19	24.2	29.6	25.4	22	23.4	31.2	18.4	94	95	83	56	77	87	82	------
9	58.85	59.71	61.84	59.45	59.09	61.00	60	20.2	18.7	24.3	28.5	26.4	21.6	23.3	30	18.2	91	93	73	61	71	93	80.3	------
10	61.03	61.66	63.64	60.84	60.97	62.35	61.75	20.2	19.8	24.2	29	24.4	22.3	23.3	29.7	19.5	93	94	84	58	81	94	84	------
11	61.63	62.22	63.92	61.32	61.58	63.07	62.29	21.2	20.3	22.9	26.8	22.8	21.5	22.6	28.9	19.6	95	96	85	72	93	94	89.2	8.6
12	62.14	62.78	63.97	61.78	61.69	63.57	62.66	20.4	20.1	23.8	23.5	22.1	20.8	21.8	25.6	19.5	93	94	82	94	95	98	92.7	12.8
13	62.58	62.69	63.75	61.79	62.45	64.44	62.95	20.2	20.1	21.5	23.2	21.5	20.8	21.2	25.6	19.5	98	97	98	90	89	87	93.2	------
14	63.91	64.09	65.02	62.17	62.04	63.51	63.46	19.6	19.5	24.2	25.6	22	20.7	21.9	26.1	19	92	95	83	72	86	88	86	------
15	63.30	63.15	64.22	61.18	61.31	62.72	62.65	19.7	19.8	22.2	26.4	23.2	21.7	22.2	27.1	19.3	93	94	89	71	85	93	87.5	3.8
16	61.41	61.63	62.77	60.13	60.21	61.62	61.30	21	20.8	23	24.6	22.7	22.6	22.4	25.6	20.6	98	98	97	91	96	97	96.2	8.4
17	60.29	61.06	62.39	58.93	59.38	60.88	60.49	22.4	22.2	26	28.9	25.1	23.9	24.8	29.6	21.6	98	99	85	73	87	96	89.7	.8
18	59.60	59.64	60.85	58.02	58.40	59.34	59.31	23.3	23.1	26.5	28.2	25.4	23.8	25	29.2	22.5	97	97	90	77	87	95	90.5	----
19	58.31	58.69	60.19	57.67	57.72	59.29	58.64	23.5	23.4	25.3	27.5	26.1	23.9	25	30.2	22.7	95	94	86	83	86	93	89.5	2.3
20	59	58.44	59.15	57.12	57.01	60.01	58.46	22.4	22.2	27.1	32	28.1	22.5	25.8	32.7	21.8	97	98	82	64	75	97	85.5	4
21	59.04	58.79	60.04	57.45	56.93	59.07	58.55	22.3	22.8	25	30.4	28.4	24.5	25.6	33	21.3	99	96	95	63	73	92	86.3	------
22	53.99	59.17	59.91	56.91	56.60	58.24	58.30	23	22.3	28	32.1	29.6	25.6	26.8	33.5	21.6	95	93	74	64	70	87	80.5	------
23	57.88	58.22	59.33	56.22	55.80	58.34	57.63	23.2	21.9	28.4	33.5	29.5	26	27.1	35	21.4	93	92	70	49	68	85	76.2	2.5
24	57.60	57.98	59.28	56.78	56.60	58.32	57.76	24.5	24	28.5	33	28.5	24.8	27.2	34.5	23.2	91	86	78	53	74	90	78.7	------
25	58.10	53.89	60.43	57.09	57.02	58.75	58.38	23.6	22.8	25.2	31.1	27.4	25.7	26	32	22.4	96	93	83	62	76	83	82.2	------
26	57.99	58.80	60.89	58.22	57.98	59.30	58.86	24.3	23.1	26.5	28.9	25.5	22.8	25.2	29.9	21.7	92	92	82	71	73	93	83.8	------
27	58.40	59.20	61.15	58.79	58.89	60.74	59.53	22.3	21.6	25.4	26.1	23.7	22.4	23.6	27.4	20.4	95	95	82	78	82	91	87.2	------
28	59.83	60.25	61.29	58	57.80	59.50	59.44	22.1	21.5	26.8	31.7	28.6	24.3	25.8	32.6	20.7	91	91	71	55	63	92	77.2	------
29	59.39	60.29	61.62	58.60	59.35	61.10	60.06	22.8	21.7	28	30.6	26	23.1	25.4	31.4	21.3	94	96	77	58	73	84	80.3	------
Mean	59.40	59.78	61.14	58.38	58.45	60.08	59.54	21.7	21.2	25	28.3	25.3	22.8	24	29.6	20.5	94.5	94.7	83.9	69.9	80.5	91.9	85.9	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	70.2

Day.	Wind.														Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		Mean force.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.			Amount.	Form and direction. Upper.	Lower.	Amount.	Form and direction. Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*		*0–10*			*0–10*		
1	Calm	----	Calm	----	N	1	NE	1	NE	1	NE	2	0.8		10	----------	N.	10	----------	Cu.-N. E
2	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	0		10	----------	S.-Cu. E	10	----------	S.-Cu. S
3	Calm	----	Calm	----	N	1	NW	1	NW	1	Calm	----	.5		10	----------	Cu.-N.	10	----------	Cu.-N. N
4	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	NE	1	.2		10	----------	N.	8	----------	Cu.-N. N
5	Calm	----	NW	1	NE	1	SE	1	NE	2	NE	3	1.3		4	----------	S.-Cu. NE	1	----------	Fr.-Cu.
6	Calm	----	Calm	----	SE	1	SW	1	Calm	----	NW	2	.7		8	----------	S.-Cu. NE	0	----------	----------
7	SE	1	Calm	----	SE	1	Calm	----	Calm	----	NW	2	.7		5	----------	S.-Cu.	1	----------	Cu.
8	Calm	----	Calm	----	SSW	1	S	1	NW	2	N	1	.8		2	----------	S.-Cu.	0	----------	----------
9	Calm	----	Calm	----	N	1	NW	1	N	1	NE	1	.7		5	----------	S.-Cu. N	4	----------	Cu. W
10	Calm	----	Calm	----	SE	1	N	1	N	2	NW	3	1.2		10	----------	N.	8	----------	Cu. E
11	N	1	Calm	----	NE	1	NE	1	NE	2	NW	2	1.2		10	----------	N.	10	----------	Cu.-N. N
12	N	2	NW	2	NW	3	NW	1	NW	2	N	1	1.8		10	----------	N.	10	----------	N.
13	NW	2	NW	2	NNE	1	NW	3	NE	3	N	2	2.2		10	----------	N. N	10	----------	Cu.-N. N
14	NNW	2	NW	1	NW	3	NE	2	NE	2	N	3	2.2		8	----------	Cu.-N. W	8	----------	Cu.-N. N
15	NE	1	N	1	N	1	NE	1	NW	2	NNW	3	1.5		10	----------	N.	8	----------	Cu.-N. N
16	NE	2	NE	2	NW	3	N	3	N	3	Calm	----	2.2		10	----------	N.	10	----------	Cu.-N. N
17	Calm	----	Calm	----	Calm	----	NW	2	NW	2	N	1	.8		10	----------	N.	7	----------	Cu.-N. N
18	NW	1	NW	1	N	1	NW	2	NW	2	N	1	1.3		10	----------	N. N	8	Ci.-S.	Cu.-N. N
19	N	1	Calm	----	E	1	NW	1	N	1	Calm	----	.7		10	----------	S.-Cu.NW	10	----------	Cu.-N. SW
20	Calm	----	Calm	----	WNW	1	SE	2	ESE	1	N	1	.8		8	----------	S.-Cu.NW	7	ci.,ci.-cu.	Cu. SE
21	N	2	SE	1	SSE	1	SE	1	Calm	----	Calm	----	.8		9	----------	S.-Cu. N	6	Ci.	Cu. S
22	Calm	----	Calm	----	SE	1	SW	1	Calm	----	Calm	----	.3		7	----------	S.-Cu. SE	8	----------	Cu. S
23	S	1	SE	1	SE	1	SE	2	N	1	SE	1	1.2		3	Ci.	Fr.-S.	5	----------	Cu. S
24	Calm	----	Calm	----	SE	1	N	1	Calm	----	Calm	----	.3		6	----------	S.-Cu. S	5	Ci.	Cu. S
25	Calm	----	ENE	1	SE	1	NW	1	NW	1	NE	2	1		6	----------	S.-Cu. S	5	Ci.	Cu. N
26	Calm	----	Calm	----	NE	1	NW	2	N	3	Calm	----	1		5	----------	S.-Cu. N	7	Ci.	Cu. N
27	Calm	----	Calm	----	N	1	NE	1	N	1	Calm	----	.5		8	----------	S.-Cu. N	10	----------	Cu.-N. N
28	Calm	----	Calm	----	SE	2	SE	2	Calm	----	Calm	----	.7		5	Ci.	Fr.-S.	1	----------	Fr.-Cu.
29	Calm	----	Calm	----	NE	2	NE	3	N	2	NE	3	1.7		4	----------	S.-Cu. N	4	----------	Fr.-Cu. N
Mean	-------	0.6	-------	0.4	-------	1.2	-------	1.3	-------	1.3	-------	1.2	1		7.7	----------	----------	6.6	----------	----------

TUGUEGARAO.

(ϕ=17° 36′ N; λ=121° 40′ E; barometer above sea, 23 meters; gravity correction not applied, —1.61 mm.)

MARCH, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	60.60	61.79	63.01	60.39	60.95	62.87	61.60	22.3	20.4	25.8	28.2	22.3	21.5	23.4	28.6	19.8	86	90	75	89	73	76	81.5	------
2	62.21	62.49	63.50	61.34	61.34	62.78	62.28	20.6	20	23.3	23.5	22.6	20.6	21.8	24.8	19.3	80	83	75	77	74	85	79	1.5
3	62.56	62.68	63.35	60.33	60.18	62.09	61.86	20.1	19.6	24.6	26.8	25	22.7	23.1	29.8	19.5	91	96	79	71	73	90	83.3	------
4	61.42	61.98	63.17	60.80	60.69	62.81	61.80	20.8	20.6	25.7	29.5	25.2	22.5	24	31	19.6	97	94	71	64	76	90	82	------
5	62.20	62.42	63.89	60.97	60.81	62.14	62.07	22	21.8	25	27.5	24.6	22.4	23.9	28.5	21.3	89	88	76	62	72	88	79.2	------
6	60.89	61.27	62.43	59.41	58.89	60.12	60.50	21.3	22	25.8	29.1	25.4	23.1	24.4	29.8	20.7	90	91	76	61	70	86	79	------
7	58.79	59.31	60.30	57.07	56.50	58.32	58.38	22.9	22.2	27.5	32.4	29.2	25.3	26.6	34.4	21.5	92	96	70	61	74	91	80.7	------
8	58.03	58.85	60.59	57.75	57.86	60.14	58.87	24.4	23.7	28.6	32.6	27.4	23.7	26.7	33.5	22.4	92	94	70	53	73	91	78.8	------
9	59.55	60.75	62.27	59.25	59.39	60.29	60.25	22.7	22.5	28.4	31.4	26.5	24	25.9	33.1	21.8	91	91	59	50	79	89	76.5	------
10	59.34	60.06	60.98	56.77	57.40	59.28	58.96	21	20.8	26.5	32.6	29.5	25.4	26	34	20	97	97	79	54	64	85	79.3	------
11	58.74	60.01	61.13	58.25	58.32	60.19	59.44	23.3	23.1	28	31.3	26.5	24	26	32.3	22.2	94	95	71	52	73	84	78.2	------
12	59.85	60.67	61.93	58.74	58.47	60.47	60.02	22	21.4	28.1	33.6	29	24.3	26.4	35	20.8	93	92	82	51	68	85	78.5	------
13	60.14	61.23	62.92	59.27	59.08	61.22	60.64	22.7	20.4	28.7	34.4	29	24.7	26.6	36	20	89	97	72	41	71	86	76	------
14	60.59	61.10	61.61	58.60	58.86	60.93	60.28	23.9	22.6	28.8	32.6	28	24.8	26.8	34.5	22	91	94	73	60	69	90	79.5	------
15	60.24	60.16	60.92	58.20	59.23	61.46	60.03	23.4	22.8	28	29	25.5	22.5	25.2	30.1	22	97	97	69	68	72	96	83.2	5.8
16	60.65	60.74	61.93	58.99	59.28	61.73	60.55	22.1	22.4	27	31.7	26.8	23.5	25.6	33	21.7	95	95	81	59	80	90	83.3	------
17	60.84	61.22	62.67	59.96	59.92	61.82	61.07	22.8	22.6	27.8	27.9	25.2	24	25	30	22.4	94	95	73	78	83	89	85.3	------
18	61.19	61.44	62.41	59.47	59.59	62.07	61.03	22.8	22.2	27.7	31.8	25.4	24.8	25.8	32.5	21.9	94	96	77	53	84	87	81.8	1
19	61.29	61.62	61.97	59.03	58.23	59.61	60.29	23.1	22.2	27	32.6	28.1	24.7	26.3	33.8	21.8	96	94	74	52	66	85	77.8	------
20	58.80	59.52	60.64	58	57.99	59.77	59.12	22.4	22.3	30	33.5	28.2	25.6	27	36.2	21.4	92	92	64	51	73	95	77.8	2.8
21	59.28	59.89	61.07	58.42	58.23	60.74	59.60	24.1	23.4	28.3	35.2	31	25.6	27.9	36.7	23	95	95	70	48	66	88	77	------
22	60.48	61.46	62.70	59.88	59.70	62.28	61.08	24.9	24.3	29.2	33.3	28	25.1	27.5	34.1	24	91	93	72	54	63	86	76.5	------
23	61.23	62.14	64.38	62.88	63.60	64.85	63.18	24.2	23.8	24.9	24	22.4	22.1	23.6	26	21	87	87	81	84	83	86	84.7	1.8
24	63.82	64.48	65.95	62.90	63.42	65.24	64.30	21.3	21	24.7	26.5	23	22.3	23.1	28.3	20.5	86	86	75	59	74	80	76.7	------
25	64.13	64.70	65.50	62.22	62.07	63.68	63.72	21.4	21.2	24.2	27.5	25.3	23	23.8	28.5	20.5	86	87	78	65	74	80	78.3	------
26	62.79	63.34	63.87	60.99	60.44	61.91	62.22	21.9	21.1	27.5	32.1	28.7	25.2	26.1	35.6	20.2	89	91	55	57	63	78	72.2	------
27	61.42	62.25	63.16	59.87	61	62.99	61.78	22.2	21.5	30.5	34.6	26	24	26.5	36.6	21.3	92	91	71	46	82	90	78.7	6.9
28	61.32	61.99	62.42	59.40	59.97	61.35	61.08	22.3	21.6	28.4	33.5	27.5	24.5	26.3	35.1	21.3	95	98	73	48	70	91	79.2	------
29	60.53	60.74	61.35	58.28	57.80	59.92	59.77	23.8	23.3	26.6	33.7	31.5	25.6	27.4	35	22.6	94	92	81	50	66	84	77.8	------
30	59.88	60.11	60.77	57.59	57.20	59.02	59.10	24.2	23.2	30.1	34.4	30.5	24.5	27.8	36.5	22.8	87	90	64	47	55	92	72.5	------
31	58.64	59.10	59.81	56.15	56.10	58.50	58.05	22.8	21.5	30	36.4	30.1	25.6	27.7	37.5	21.3	92	93	64	40	67	84	73.3	------
Mean	60.69	61.27	62.34	59.39	59.44	61.31	60.74	22.6	22	27.3	31.1	26.9	23.9	25.6	32.6	21.3	91.4	92.6	72.6	58.2	71.9	87	79	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	19.8

Day.	Wind.														Clouds.						
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		Mean force.	6 a. m.			2 p. m.				
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.		Amount.	Form and direction.		Amount.	Form and direction.	
															Upper.	Lower.		Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–10*			*0–10*		
1	NE	4	NW	2	NE	1	NE	2	N	3	N	4	2.7	3	----------	Fr.-S.	7	----------	Cu.,Cu.-N.N
2	NW	4	NW	3	Calm	----	NE	1	N	1	N	1	1.7	10	----------	S.-Cu. NE	10	----------	S.-Cu. E
3	N	2	Calm	----	Calm	----	SE	2	SE	3	SE	1	1.3	10	----------	Cu.-N. W	7	----------	S.-Cu. S
4	N	1	NE	1	Calm	----	NE	2	N	1	N	1	1	6	Ci.	S.-Cu.	8	Ci.	Cu. N
5	NW	2	N	2	NE	3	NE	3	NE	2	NE	3	2.5	10	----------	S.-Cu. N	10	A.-Cu.	S.-Cu. N
6	N	2	Calm	----	N	1	NE	2	N	1	N	1	1.2	10	----------	S.-Cu. N	6	Ci.	Cu.,S.-Cu.N
7	Calm	----	Calm	----	N	1	NE	1	NE	1	NW	3	1	9	----------	S.-Cu. S	5	----------	Cu. N
8	NW	3	Calm	----	NE	1	NE	2	NE	2	NE	3	1.8	5	----------	S.-Cu. S	3	----------	Fr.-Cu. N
9	NE	1	N	1	NW	2	NE	1	N	1	NE	2	1.3	8	----------	S.-Cu. NW	8	----------	Cu. NW
10	SE	1	S	2	SE	1	SSE	2	Calm	----	N	2	1.3	7	Ci.	S.-Cu.	0	----------	----------
11	N	2	N	1	NE	1	NW	1	NNE	2	Calm	----	1.2	8	----------	S.-Cu. N	4	----------	Fr.-Cu. E
12	Calm	----	Calm	----	E	1	SE	1	Calm	----	Calm	----	.3	3	----------	S.	3	----------	Fr.-Cu.
13	Calm	----	Calm	----	N	1	Calm	----	NE	1	N	1	.5	0	----------	----------	0	----------	----------
14	Calm	----	Calm	----	NE	1	NE	1	N	2	N	1	.8	4	Ci.	S.-Cu.	8	----------	Cu. N
15	NE	1	Calm	----	Calm	----	NE	2	NE	3	N	1	1.2	8	----------	S.-Cu. N	7	Ci.	cu.-N.NE
16	N	1	Calm	----	NE	1	S	1	Calm	----	Calm	----	.5	9	----------	Cu.-N. N	7	----------	Cu.-N. NW
17	Calm	----	Calm	----	NE	1	NW	2	N	1	NW	1	.8	10	----------	S.-Cu. N	8	----------	Cu.-N. N
18	NW	1	Calm	----	NW	1	N	1	Calm	----	S	1	.7	6	----------	S.-Cu. ESE	7	----------	Cu. N
19	SE	2	SE	2	SE	2	SE	4	SSE	2	S	1	2.2	8	----------	Cu.-N. SW	4	----------	Cu. S
20	Calm	----	Calm	----	SE	2	SW	1	NW	3	Calm	----	1	0	----------	----------	7	----------	Cu. S
21	Calm	----	Calm	----	SE	1	SE	2	N	2	NW	2	1.2	3	Ci.	S.	3	----------	Fr.-Cu. S
22	NW	1	Calm	----	NE	1	N	1	NNW	2	N	4	1.5	6	Ci.	S.-Cu. N	4	----------	Cu. N
23	NE	2	NW	1	NE	3	N	3	NW	2	NW	4	2.5	9	----------	Cu.-N. N	10	----------	Cu.-N. N
24	NE	4	N	3	NW	3	NW	4	NE	2	NE	3	3.2	8	----------	S.-Cu. N	10	----------	Cu.-N.NE
25	NNE	2	N	1	Calm	----	NE	1	N	1	Calm	----	.8	10	----------	Cu.-N. E	7	----------	Cu.-N. NW
26	S	1	SE	1	SSE	1	SE	1	SE	1	SW	1	1	9	----------	S.-Cu. E	5	Ci.-Cu.	Cu. S
27	SW	1	S	1	SE	1	SE	1	N	3	Calm	----	1.2	4	----------	S.-Cu. E	4	Ci.	Fr.-Cu. S
28	Calm	----	Calm	----	SE	1	N	1	NW	3	NE	1	1	5	----------	Cu.-N. S	0	----------	----------
29	N	1	N	1	Calm	----	W	1	Calm	----	Calm	----	.5	8	----------	S.-Cu. N	7	Ci.-S.	Cu. NE
30	Calm	----	SW	1	SE	1	SE	1	Calm	----	Calm	----	.5	4	----------	S.-Cu. S	1	----------	Fr.-Cu.
31	Calm	----	Calm	----	NE	1	NW	1	NW	1	Calm	----	.5	0	----------	----------	4	----------	Cu.-N. N
Mean	-------	1.3	-------	0.7	-------	1.1	-------	1.6	-------	1.5	-------	1.4	1.3	6.5	----------	----------	5.6	----------	----------

TUGUEGARAO.

(ϕ=17° 36′ N; λ=121° 40′ E; barometer above sea, 23 meters; gravity correction not applied, —1.61 mm.)

APRIL, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P. ct.*	*mm.*
1	57.99	57.98	58.71	55.83	55.95	58.45	57.49	24.5	23.6	28.8	33.8	29.6	26.5	27.8	35	23	88	94	71	49	61	78	73.5	
2	57.80	58.34	59.51	57.35	58.20	60.89	58.68	25	24.1	29.2	33.6	29.2	22.6	27.3	36	21.5	84	88	68	54	68	92	75.7	23.9
3	60.16	60.45	61.28	59.07	59.48	61.43	60.31	21.6	21.3	27.7	32.7	27.3	25.2	26	33.6	21	94	94	75	53	76	91	80.5	
4	60.49	60.94	62.11	60.51	60.78	62.93	61.29	23.5	23.3	28.5	28.7	25.2	24.1	25.6	30.2	22.6	91	89	77	71	79	87	82.3	
5	62.12	62.43	63.76	62.18	62.22	63.92	62.77	23	22.1	27.5	27.8	24.4	23.6	24.7	29.3	21.6	89	90	68	66	74	75	77	
6	62.82	63.72	64.88	62.65	62.62	64.28	63.50	22.1	21.5	25.6	28.1	25.2	23.5	24.3	29.5	21	86	88	73	63	79	82	78.5	
7	63.94	64.40	65.39	63.02	63.35	65.07	64.20	23.2	22.4	25.2	29.6	25	24	24.9	30.2	21.8	90	95	83	70	88	96	87	
8	63.88	64.59	64.73	61.35	60.59	62.96	63.02	22.9	22.2	28.9	34.4	29	25.4	27.1	35.3	21.9	95	95	71	49	63	79	75.3	
9	61.83	62.72	63.20	60.19	59.93	61.82	61.62	22.9	21.4	29.5	34.4	31.3	26.5	27.7	35.8	21	85	92	68	45	54	79	70.5	
10	61.15	61.54	62.58	59.94	60.38	61.47	61.18	23.5	21.4	29.8	35.2	30.7	25.8	27.7	37.1	21.4	82	96	69	42	61	85	72.5	
11	61.02	61.91	63.06	59.97	60.03	62.47	61.41	24.3	23.4	30.4	35.8	31.6	26.4	28.6	37.6	23	97	92	72	41	51	76	71.5	
12	61.85	62.58	63.17	60.38	60.18	62.40	61.76	24.1	23	31.2	35	31.1	25.4	28.3	37	21.5	88	87	59	40	56	78	68	
13	61.53	62.22	62.85	60.15	59.65	61.55	61.32	23.1	22.4	31.5	32.8	31.3	26	27.8	35	22	90	92	60	60	58	79	73.2	
14	60.56	61.18	61.84	59.02	58.43	60.62	60.28	22.6	20.9	30.5	36.6	31.6	26	28	38.2	20.5	86	93	55	34	56	81	67.5	
15	60.03	60.01	60.40	57.41	57.63	60.14	59.27	24	23	30	37.2	31.2	25.6	28.5	39?	22.8	86	91	64	27	55	81	67.3	
16	59.32	59.99	60.47	57.91	57.80	59.95	59.24	23.7	22.4	30.7	35.7	29.3	26.5	28	38.4?	22	89	97	62	39	79	86	75.3	
17	58.82	58.69	59.70	56.90	57.25	58.43	58.30	24.3	23.4	30.4	35.3	29.3	26.5	28.3	36.1	22.5	91	89	68	42	66	81	72.8	
18	56.88	56.97	58.02	55.47	55.62	57.37	56.72	25	24.4	30.2	30.4	26.8	24.7	26.9	34	23.8	90	93	68	69	80	91	81.8	
19	56.20	56.74	57.85	55.32	56.04	58.10	56.71	23.4	23.7	29.7	33.5	29.2	25.4	27.5	35.3	23.3	91	96	62	52	60	84	74.2	
20	57.03	57.45	58.02	55.41	55.47	57.17	56.76	22.3	21.4	29.7	34.4	29.5	25.4	27.1	35.6	20.7	88	92	65	45	55	82	71.2	
21	56.76	57.04	58	55.28	55.19	57.14	56.57	22.6	22.2	29.6	34	29.8	25.2	27.2	35.2	21.8	93	94	66	49	65	85	75.3	
22	56.90	57.42	58.21	55.81	55.64	57.57	56.92	22.7	22	30.2	35.5	29.3	25.3	27.5	36.3	21.6	95	96	58	39	66	87	73.5	1
23	56.93	57.14	57.41	54.86	55.29	56.88	56.42	23.6	24	29.6	34	29.2	26.2	27.8	35.2	22.3	98	97	68	51	70	82	77.7	
24	55.91	56.76	57.23	54.90	55.15	57.57	56.25	24.3	24	31.4	36.8	29.4	26.6	28.8	38	23.1	97	91	62	37	81	83	75.2	
25	56.87	57.54	58.95	56.09	56.69	58.54	57.45	25.6	25.2	31.2	35.8	28.2	25.2	28.5	38	24	93	92	63	43	76	91	76.3	10.2
26	57.87	58.89	59.97	56.70	59.72	60.26	58.90	24.6	24.7	29	33.7	24.4	23.5	26.6	36	21.5	92	96	76	53	77	95	81.5	75.2
27	53.82	59.30	60.58	57.95	57.60	59.49	58.96	22.3	22	26.5	32.5	31.6	26.6	26.9	35?	21.5	94	96	81	59	59	82	78.5	
28	58.19	59.19	59.96	56.93	57.50	59.56	58.56	24.3	23.6	30	35.6	26.5	26.6	27.8	36.7	23.3	95	95	72	43	78	85	78	
29	58	58.58	59.57	56.49	57.07	59.62	58.22	24.7	24.3	30.2	35.6	29.1	26.5	28.4	37.5	24	95	93	66	44	70	76	74	
30	58.40	59.29	60.50	57.43	59.22	60.59	59.24	24.8	23.5	31.2	36.5	25	24.4	27.6	37.7	23.2	87	97	68	42	88	91	78.8	
Mean	59.34	59.87	60.73	58.08	58.36	60.29	59.44	23.6	22.9	29.5	33.8	28.7	25.4	27.3	35.5	22.2	90.6	93	67.9	49	68.3	84	75.5	
Total																								110.3

Day.	Wind.												Mean force.	Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.			6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–10*			*0–10*		
1	Calm		Calm		NW	1	NE	1	NW	1	Calm		0.5	10		N.	3		Fr.-Cu.
2	SW	1	SW	1	N	1	NE	1	N	6	Calm		1.7	10		Cu.-N. S	6		Cu. N
3	Calm		Calm		Calm		Calm		N	4	NW	3	1.2	5		S.-Cu. N	1		Fr.-Cu.
4	NNW	1	N	1	N	1	NW	3	NW	2	NW	3	1.8	5		S.-Cu. N	9		Cu.-N. N
5	N	4	NE	3	NW	2	N	2	NNW	3	N	5	3.2	6	Ci.	S.-Cu. NE	7		S.-Cu. N
6	NE	4	NE	2	NE	1	NE	1	Calm		N	1	1.5	9		S.-Cu. N	8		S.-Cu. NE
7	NW	2	Calm		Calm		Calm		Calm		Calm		.3	10		Cu.-N. NW	10		Cu.-N. E
8	Calm		Calm		SW	1	SE	1	NE	1	N	1	.7	7		S.-Cu. E	6	Ci.	Cu. E
9	SE	1	SE	1	Calm		NE	1	SE	1	Calm		.7	0			4		Cu. SE
10	Calm		Calm		S	1	Calm		NE	1	N	1	.5	0			2		Fr.-Cu.
11	Calm		Calm		SW	1	SE	1	Calm		Calm		.3	2		Fr.-Cu. S	6		Cu. S
12	Calm		Calm		NE	1	SE	1	SE	1	N	1	.7	8		Cu.-N. ENE	5		Cu. E
13	Calm		Calm		Calm		NE	1	Calm		Calm		.2	5		S.-Cu. E	7		Cu.-N. E
14	Calm		Calm		S	1	SE	1	NE	1	NW	1	.7	0			0		
15	SE	1	Calm		SW	1	Calm		NNE	1	N	1	.7	0			0		
16	NE	1	Calm		NE	1	NE	1	NE	1	Calm		.7	0			4	Ci.	Cu. E
17	Calm		Calm		Calm		NW	1	SW	1	Calm		.3	8	Ci., Ci.-S.		7	Ci.-S.	Cu.-N. E
18	Calm		Calm		N	1	N	2	N	2	NW	1	1	10	Ci.-S.	Cu.-N. NW	8		Cu.-N. E
19	Calm		Calm		Calm		NE	3	N	2	N	1	1	7		Cu.-N. N	4		Cu. N
20	Calm		Calm		Calm		N	2	N	2	N	3	1.2	0			3		Fr.-Cu. N
21	NW	1	Calm		Calm		NE	2	NW	1	N	1	.8	0			4		Fr.-Cu. N
22	Calm		Calm		NE	1	NW	1	N	1	N	2	.8	1		S. NW	4		Cu. NE
23	NE	1	Calm		NE	1	N	2	N	2	NE	3	1.5	8		Cu.-N. N	4		Fr.-Cu. N
24	N	2	Calm		Calm		S	1	N	3	NW	3	1.5	7		S.-Cu. E	5		Cu. WSW
25	Calm		Calm		Calm		Calm		SW	2	Calm		.3	6		S.-Cu. N	7		Cu. E
26	Calm		Calm		Calm		NE	1	SW	3	SE	1	.8	10		Cu.-N. N	7		Cu.-N. W
27	Calm		Calm		Calm		NNE	1	Calm		Calm		.2	8		Cu.-N. S	2		Fr.-Cu.
28	Calm		Calm		N	1	N	1	N	1	SE	1	.7	0			6	Ci.-S.	Cu. N
29	SE	1	SE	1	E	1	NE	1	NW	1	Calm		.8	5	Ci.-Cu.	S.-Cu. S	6	Ci.-S.	Cu. N
30	S	1	Calm		SE	1	S	1	S	2	SE	1	1	0			6		Cu. E
Mean		0.7		0.3		0.6		1.1		1.5		1.1	0.9	4.9			5		

TUGUEGARAO.

(ϕ=17° 36′ N; λ=121° 40′ E; barometer above sea, 23 meters; gravity correction not applied, —1.61 mm.)

MAY, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.06	59.98	61.16	58.25	57.78	60.14	59.40	23.1	23.5	28.1	35.1	30	25.5	27.6	36.4	22.4	93	94	75	46	59	83	75	------
2	59.48	59.96	60.41	57.43	57.25	59.79	59.05	23.6	22.5	30	35.2	31	25.6	28	37.4	22	88	95	65	42	54	82	71	------
3	59	59.21	60.45	58.11	58.15	60.04	59.16	22.9	21.7	31	32.4	29.4	25.6	27.2	34.8	21.3	88	94	58	54	67	84	74.2	------
4	59.11	59.30	60	58.45	58.27	60.55	59.28	24	23	30.6	34.5	30.5	24.4	27.8	36	22.3	89	91	58	49	61	84	72	------
5	59.04	59.49	60.46	57.82	57.85	59.97	59.10	22.2	22.4	30	34.5	31.5	26.4	27.8	36.8	21.3	94	91	50	39	51	77	67	------
6	58.80	59.51	60.45	57.38	57.06	59.06	58.71	23.4	22.5	30	34.3	31.2	25.6	27.8	37	21.5	90	91	59	43	60	83	71	------
7	57.95	58.35	59.27	56.68	56.72	59.05	58	24.2	23.9	31.6	36.5	32.1	27.9	29.4	38	22.5	89	87	61	40	59	78	69	------
8	58.43	59.87	60.50	58.19	58.03	60.43	59.24	25.9	24.4	31.5	36.1	31.7	26.7	29.4	37.4	24	85	92	56	42	56	74	67.5	------
9	59.32	60.28	61.65	58.88	58.52	60.56	59.87	24.3	24.1	30.6	36.8	31.7	27	29.1	38.4	23.5	89	86	62	41	50	70	66.3	------
10	59.29	60.26	60.35	57.17	57.02	59.17	58.98	24.7	23.5	30.7	36.5	33.2	27.5	29.4	39.1	22.6	80	87	56	38	49	76	64.3	------
11	58.28	58.80	58.81	56.21	55.79	58.40	57.72	24.9	23.6	32.5	36.6	33.1	27.2	29.6	39.2	22.8	83	87	52	37	44	78	63.5	------
12	57.32	58.29	58.86	56.81	57.22	59.28	57.96	25	24.4	31.5	35.4	31	26.5	29	36.5	23.3	92	88	56	42	62	76	69.3	------
13	57.53	58.23	59.38	55.93	57.62	59.53	58.04	24.4	24	31.5	34.6	30.2	26	28.4	36.6	23.6	92	91	59	43	59	79	70.5	------
14	58.37?	57.56	58.41	55.26	55.14	58.07	57.14	24.4	23.4	30.4	36.1	30.2	27	28.6	37.6	22.7	90	92	63	39	61	80	70.8	------
15	56.18	56.79	57.77	55.36	55.50	58.95	56.76	25.9	24.8	31.7	37.2	31.3	26.7	29.6	37.7	24.4	85	90	61	40	60	79	69.2	7.1
16	58.59	58.95	60.25	57.58	58.77	60.82	59.16	25.6	24.2	30.6	35.9	27.8	26.5	28.4	36.6	23.9	90	95	71	42	76	81	75.8	------
17	59.93	60.44	61.01	58.48	58.11	60.70	59.78	25.8	24.6	30.8	36.5	30.5	27.5	29.3	38.5	24.1	88	92	67	43	62	76	71.3	------
18	59 92?	59.90	60.08	56.86	56.33	58.40	58.58	25	23.5	32.5	37	33.2	28	29.9	39.2	23	82	89	54	39	52	77	65.5	------
19	57.63	58.46	58.55	55.81	55.73	58.02	57.37	25.6	25.4	32	37.4	31	27.8	29.9	39.5	24.5	93	89	54	38	64	76	69	------
20	57.39	57.82	58.30	55.71	57.14	59.19	57.59	26.2	25.2	32.7	37.5	25.4	24.6	28.6	39	23.5	90	90	59	40	76	86	73.5	------
21	57.88	58.19	58.06	56.01	57.62	59.63	57.90	23.6	23.5	31	37.4	25.1	24.6	27.5	39.1	23	95	92	64	37	89	91	78	5.8
22	58.19	58.70	59.05	57.07	58.07	59.69	58.46	24	23.9	27.2	33.4	25.2	24.3	26.3	35	23.2	96	92	81	59	85	89	83.7	1.3
23	58	59.17	59.69	57.19	56.34	58.45	58.14	22.8	22.4	29.5	34	32.6	28	28.2	37	21.6	92	92	70	53	56	80	73.8	------
24	57.76	58.36	59.07	57.86	56.37	58.21	57.77	25	23.7	31.6	37.2	33	28.2	29.8	39.5	23.3	85	91	60	34	50	76	66	------
25	57.80	58.59	59.05	56.73	56.46	58.87	57.92	26.4	25.7	32.6	37.6	33.2	28.8	30.7	39.1	25	90	89	57	35	49	72	65.3	------
26	57.82	58.78	59.03	56.54	56.42	58.82	57.90	26.1	24.8	32.1	36.5	33.6	28.4	30.2	39.3	23.7	85	89	58	41	47	68	64.7	------
27	57.14	58.08	58.49	54.81	54.91	57.17	56.77	25.4	24.5	32	35.6	34.5	28.5	30.1	38.6	24.1	87	83	56	41	41	68	62.7	------
28	56.25	56.67	57.30	54.53	55.10	57.55	56.24	25.8	24.5	33	33.5	28	26.4	29.4	40.5	23.7	86	87	55	35	79	89	71.8	24.6
29	56.87	56.97	56.55	54.21	54 83	57.46	56.15	25.4	25.2	31.5	36.8	31.3	27.8	29.7	39	24.5	92	91	66	42	58	79	71.3	37.6
30	57.59	57.80	58.40	56.13	56	58.33	57.38	24.5	25.1	29.8	34.3	29.3	27.8	28.5	37.1	22.7	86	96	73	51	70	79	75.8	------
31	57.88	57.99	58.42	56.23	56.45	58.56	57.59	25.4	25.5	30.5	35.4	28.5	27.5	28.8	38.5	24.3	97	88	71	45	71	78	75	------
Mean	58.21	58.73	59.33	56.73	56.86	59.12	58.16	24.7	24	31	35.9	30.7	26.8	28.8	37.9	23.2	89.1	90.4	61.5	42.3	60.5	79	70.4	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	76.4

Day.	Wind.												Mean force.	Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.			6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.		Amount.	Form and direction.		Amount.	Form and direction.	
															Upper.	Lower.		Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–10*			*0–10*		
1	SE	1	SE	1	S	1	NW	1	N	1	W	1	1	10		N. N	5		Cu. E
2	Calm	----	Calm	----	Calm	----	N	1	NE	1	NE	1	.5	0			5		Cu. E
3	Calm	----	Calm	----	NE	1	NE	3	Calm	----	NW	1	.8	4	Ci.-S.		8		Cu.-N.E
4	Calm	----	Calm	----	N	1	N	1	Calm	----	S	1	.5	3	Ci.	S.	7		Cu. E
5	S	1	Calm	----	Calm	----	NNE	1	Calm	----	Calm	----	.3	0			6		Cu. NE
6	Calm	----	Calm	----	SE	1	Calm	----	Calm	----	Calm	----	.2	0			4		Cu. E
7	S	1	Calm	----	SE	1	SW	1	Calm	----	Calm	----	.5	7		S.-Cu. S	6		Cu. E
8	Calm	----	Calm	----	Calm	----	NE	1	Calm	----	Calm	----	.2	0			7		Cu.-N.E
9	Calm	----	Calm	----	Calm	----	S	1	N	1	NW	1	.5	6		S.-Cu. S	5		Cu. E
10	NW	1	Calm	----	SE	1	NE	1	Calm	----	Calm	----	.5	0			6		Cu. E
11	Calm	----	Calm	----	SE	1	SE	2	Calm	----	Calm	----	.5	0			1		Fr.-Cu.
12	SW	1	SE	1	SW	1	SE	1	NE	1	N	2	1.2	8	Ci.-S.	S.-Cu. S	9	Ci.-S.	Cu.-N.S
13	SE	1	Calm	----	S	1	N	1	Calm	----	Calm	----	.5	8	Ci.	S.-Cu. N	10	Ci.-S.	Cu.-N.E
14	SE	1	SE	1	SE	1	NNW	1	N	2	Calm	----	1	8	Ci.	Cu.	5		Cu. E
15	SE	1	Calm	----	S	1	SE	1	NW	1	Calm	----	.7	4	Ci.-Cu.	Cu. N	6	Ci.	Cu. S
16	S	1	Calm	----	SE	1	E	1	NW	1	Calm	----	.7	4	A.-Cu.	Cu. S	6		Cu. S
17	NE	1	NE	1	SE	1	E	1	Calm	----	SE	1	.8	7	Ci.		7	Ci.	Cu. S
18	SE	1	SE	1	S	2	ESE	2	N	1	N	1	1.3	0			5		Cu.-N.S
19	SW	1	S	1	Calm	----	S	1	N	3	N	2	1.3	4	Ci.	Cu.-N.SE	4	Ci.	Fr.-Cu.
20	SE	1	Calm	----	SE	1	SE	1	NW	1	Calm	----	.7	7		S.-Cu. S	7	Ci.	Cu. W
21	S	1	Calm	----	SE	1	NW	1	NW	1	Calm	----	.7	6		Cu.-N. S	4	Ci.	Cu. E
22	Calm	----	NE	1	Calm	----	NE	1	SE	2	Calm	----	.7	8		Cu.-N. N	4	Ci.-Cu.	Cu. NE
23	Calm	----	SW	1	SW	1	SE	1	Calm	----	SW	1	.7	0			8	Ci.	Cu.-N.S
24	SE	1	SE	1	SE	1	SE	2	NE	1	Calm	----	1	4	Ci.		2		Fr.-Cu.
25	Calm	----	Calm	----	W	1	SE	1	S	1	SW	1	.7	4		S.-Cu. E	6	Ci.	Cu.
26	Calm	----	Calm	----	Calm	----	SW	2	SE	2	SE	1	.8	1			6		Cu. E
27	Calm	----	Calm	----	SE	2	SE	2	ENE	1	SE	1	1	0			6		Cu.-N.E
28	Calm	----	Calm	----	S	1	S	2	Calm	----	Calm	----	.5	0			6	Ci.	Cu. E
29	Calm	----	Calm	----	Calm	----	Calm	----	N	1	SE	1	.3	6	Ci.		7	Ci.	Cu.
30	N	2	Calm	----	SE	1	NE	1	N	2	N	2	1.3	8	ci.-s., ci.-cu.	Cu.-N.NE	8	Ci.-S.	
31	SE	1	SE	1	N	1	N	1	NW	1	Calm	----	.8	10		Cu.-N. S	7	Ci.	Cu. E
Mean	------	0.6	------	0.3	------	0.8	------	1.2	------	0.8	------	0.6	0.7	4.1			5.9		

TUGUEGARAO.

($\phi = 17°\ 36'$ N; $\lambda = 121°\ 40'$ E; barometer above sea, 23 meters; gravity correction not applied, —1.61 mm.)

JUNE, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.74	57.79	58.29	55.81	56.95	58.67	57.54	25.6	24.7	31	36.4	27.4	26	28.5	37.8	24.5	91	94	64	43	83	87	77	------
2	57.32	57.40	57.60	55.27	55.25	57.36	56.70	25.2	24.5	30.5	34.5	32.5	27.7	29.2	37.4	23.6	90	92	65	44	54	72	69.5	------
3	56.72	56.84	57.60	55.58	56.44	57.65	56.80	24.9	25	31.2	37	27.1	27	28.7	39.4	24.2	94	92	65	39	81	83	75.7	3.6
4	57.15	57.15	57.38	56.30	57.07	57.62	57.11	25.4	24.5	32.7	29.6	27.4	27	27.8	36.8	24.4	89	92	57	65	83	85	78.5	------
5	57.14	57.66	57.40	55.30	55.29	57.77	56.76	25.5	25	31.8	35.8	32.4	25	29.2	38.4	23.6	93	90	57	43	56	89	71.3	10.7
6	57.20	57.29	56.91	54.61	54.26	56.30	56.10	23.9	24	29.9	35.7	34	27.5	29.2	38.5	22.8	93	91	65	41	51	81	70.3	------
7	55.80	56.58	56.57	54.06	54.51	56.36	55.65	25.7	25.5	31.5	35.2	32.7	28.5	29.8	37.7	24.2	87	94	60	49	55	69	69	------
8	55.97	55.91	55.80	54.40	54.63	56.50	55.54	25.8	24.9	32.5	34.8	30.6	27.5	29.4	37.2	23.6	85	88	58	51	64	81	71.2	------
9	55.95	56.09	56.23	54.65	55.18	56.87	55.83	24.8	24.2	30.2	32.2	31.1	27.4	28.3	33.1	23.4	97	95	67	55	59	74	74.5	------
10	56.33	56.39	56.86	55.88	54.82	56.29	56.10	25.1	24.4	32.1	25.5	25.7	24.7	26.2	34.4	23.5	88	88	58	87	75	90	81	4.8
11	55.36	55.83	55.57	52.73	54.77	55.73	55	23.6	23.5	30.4	34.2	26.1	24.2	27	36.8	22.4	97	97	76	46	91	94	83.5	34.5
12	53.80	53.35	53.34	51.82	52.16	53.27	52.96	24.4	24.5	28.5	28.4	28.1	24.5	26.4	31.7	23	91	96	79	83	87	90	87.7	10.4
13	52.43	52.43	52.94	51.47	52.68	53.91	52.64	24.1	24.3	29.4	32.2	26.4	25.4	27	34.2	23.3	94	97	78	65	87	94	85.8	4.1
14	52.79	53.37	54.23	52.75	53.84	54.91	53.65	24.5	24	28.7	34.2	26.5	25	27.2	35.8	23.3	97	97	79	53	92	97	85.8	1.3
15	53.86	54.14	54.55	53.04	52.25	55.45	53.88	24.8	24.9	30.4	33.2	31.4	23.1	28.	35.5	22.9	97	95	72	55	65	97	80.2	13.5
16	53.96	53.86	54.43	52.17	52.99	54.82	53.70	23.5	24	29.5	34	29.2	27.5	28	35.5	23.2	98	98	82	56	79	91	84	------
17	54.31	54.96	55.38	53.33	53.85	56.48	54.72	25.3	24.8	29.2	34.5	26.7	25.4	27.6	36.6	24.4	92	92	82	56	87	96	84.2	21.1
18	56.44	56.32	56.84	55.64	55.81	56.87	56.32	24.7	24	26.4	29	29	27.2	26.7	30	23.7	97	96	88	78	81	92	88.7	1.5
19	56.25	57.10	57.32	55.92	56.16	57.04	56.63	26.5	24.4	29.4	30	27.8	26.4	27.4	33.2	24.1	94	95	75	79	85	90	86.3	------
20	56.48	56.41	56.32	54.29	53.41	56.20	55.52	24.7	24	30.2	33.5	32.7	27.4	28.8	36.2	23.4	92	94	73	56	63	92	78.3	------
21	55.45	55.59	55.57	53.56	55.62	57.17	55.49	25.6	25.5	31.2	34.1	25.5	24	27.6	36.3	23.3	93	92	65	52	88	96	81	40.9
22	56.35	56.49	57.59	56.89	56.54	58.17	57	23.8	24.2	26.1	27.9	26.9	26.2	25.8	28.4	23.1	97	98	93	82	89	92	91.8	------
23	57.14	58.19	58.45	57.50	57.66	59.95	58.15	25.2	24.5	29.2	33.4	28.5	25.3	27.7	33.8	23.8	99	96	74	59	78	91	82.8	------
24	58.46	59.55	60.36	58.14	58.23	60.52	59.21	24	23.5	29.1	33	29.2	27.1	27.6	35	23	92	92	76	55	75	84	79	------
25	59.89	60.13	60.49	58.32	59.31	60.38	59.75	24.9	24.2	29.7	35	28	26.5	28	36	24	98	96	76	49	82	86	81.2	------
26	59.43	59.78	59.47	57.17	57.87	59.76	58.91	25.4	25.4	30.9	34.6	28.4	27.3	28.7	35.5	24.6	90	93	70	47	84	87	78.5	------
27	58.61	58.24	58.42	56.33	57.64	58.99	58.04	26.3	26	31	36.2	24.1	25.3	28.2	36.5	21.7	96	94	68	42	92	92	80.7	52.6
28	58.59	59.01	59.36	57.40	57.29	59.35	58.50	24.5	24.1	29.4	33.6	28.4	27	27.8	34.5	23	92	91	70	55	83	85	79.3	------
29	58.83	59.69	60.22	58.53	57.81	59.96	59.17	25.8	24.9	29.9	33.8	31	27.5	28.8	34.4	24.2	91	96	73	54	71	84	78.2	------
30	59.42	59.89	59.97	57.75	57.70	59.17	58.98	25.3	25	28.8	33.4	29.3	26.6	28.1	35	24.5	88	92	80	59	77	89	80.8	------
Mean	56.51	56.78	57.05	55.22	55.60	57.32	56.41	25	24.5	30	33.2	28.8	26.2	28	35.4	23.6	93.1	93.8	71.5	56.6	76.6	87.7	79.9	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	199

Day.	Wind.												Mean force.	Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.			6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.		Amount.	Form and direction. Upper.	Lower.	Amount.	Form and direction. Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–10*			*0–10*		
1	Calm	----	Calm	----	NE	1	NE	1	Calm	----	SE	1	0.5	5	Ci.	Cu. S	6	----------	Cu. E
2	SW	1	SW	1	SE	1	NE	1	Calm	----	NE	1	.8	6	Ci.	Fr.-Cu.	8	Ci.,Ci.-S.	Cu.
3	E	1	Calm	----	SE	1	NW	1	N	1	W	1	.8	6	Ci.	----------	7	Ci.	Cu. S
4	SE	1	Calm	----	SE	1	SE	3	Calm	----	Calm	----	.8	5	Ci.	----------	10	----------	cu.-N.SE
5	SE	1	SE	1	SE	2	SE	1	NE	1	N	1	1.2	7	Ci.	S.-Cu.	7	Ci.	Cu. S
6	N	1	E	1	SE	1	NE	1	Calm	----	NE	3	1.2	8	Ci.	----------	3	Ci.	Cu.
7	Calm	----	SE	1	Calm	----	SE	2	SE	3	SE	1	1.2	4	Ci.	S.-Cu.	7	Ci.	Cu. S
8	Calm	----	Calm	----	SE	2	SE	2	E	1	Calm	----	.8	2	Ci.	----------	8	----------	Cu.-N. S
9	Calm	----	Calm	----	SE	1	S	1	Calm	----	Calm	----	.3	7	Ci.,Ci.-S.	Cu.-N. S	10	----------	Cu.-N. S
10	Calm	----	Calm	----	SSE	1	Calm	----	NE	1	Calm	----	.3	6	----------	S.-Cu. S	10	----------	Cu.-N S
11	Calm	----	Calm	----	SW	1	SE	1	Calm	----	Calm	----	.3	8	----------	Cu.-N. SSW	8	Ci.	cu.-N.SW
12	SE	1	S	1	Calm	----	N	1	Calm	----	Calm	----	.5	10	----------	Cu.-N. S	10	----------	N.
13	Calm	----	SE	1	SSE	1	SW	1	S	1	Calm	----	.7	10	----------	Cu.-N. S	8	----------	cu.-N. w
14	SW	1	Calm	----	NE	1	SE	1	Calm	----	N	2	.8	7	----------	N.	6	Ci.	Cu. S
15	S	1	SE	1	SE	1	NE	1	NE	1	Calm	----	.8	6	Ci.,Ci.-Cu.	S.-Cu. S	8	----------	Cu. W
16	Calm	----	Calm	----	N	1	Calm	----	N	2	Calm	----	.5	8	----------	Cu.-N. S	10	----------	Cu.-N. S
17	SE	1	SE	1	SE	1	S	1	NW	1	W	1	1	10	----------	N.	4	Ci.-Cu.	Cu. E
18	SE	1	SE	1	NE	1	Calm	----	Calm	----	Calm	----	.5	10	----------	Cu.-N. S	10	----------	cu.-N. N
19	Calm	----	Calm	----	Calm	----	Calm	----	N	1	Calm	----	.2	8	Ci.-S.	S.-Cu. E	8	----------	Cu.-N.NW
20	Calm	----	Calm	----	SE	1	SE	1	NE	1	Calm	----	.5	0	----------	----------	6	Ci.-S.	Cu. S
21	SE	1	Calm	----	SE	1	N	1	SE	5	Calm	----	1.3	7	Ci.	S.-Cu. SE	7	Ci.-S.	Cu. S
22	Calm	----	Calm	----	Calm	----	NE	1	Calm	----	Calm	----	.2	10	----------	N.	10	----------	Cu.-N. E
23	Calm	----	E	1	S	1	Calm	----	N	2	N	1	.8	10	----------	Cu.-N. SE	8	Ci.-S. E	cu.-N.SW
24	Calm	----	Calm	----	Calm	----	Calm	----	ENE	1	NE	1	.3	9	Ci.	S.-Cu. N	4	Ci.	Cu. SE
25	S	2	SE	1	SE	1	N	1	N	1	E	1	1.2	4	Ci.	S.-Cu. SE	6	Ci.	Cu. S
26	SE	1	SW	1	SE	1	Calm	----	NE	2	NE	1	1	8	Ci.,Ci.-S.	Fr.-Cu.	10	Ci.	Cu. W
27	SW	1	SW	1	E	1	NW	1	Calm	----	SE	2	1	8	----------	Cu.-N. S	6	----------	Cu.-N. S
28	Calm	----	Calm	----	SE	1	N	1	N	1	Calm	----	.5	8	----------	Cu.-N. N	8	Ci.-S.	Cu. E
29	Calm	----	Calm	----	NE	1	SE	2	Calm	----	Calm	----	.5	6	Ci.	Cu. SW	7	----------	Cu.-N. SE
30	Calm	----	Calm	----	Calm	----	S	1	Calm	----	Calm	----	.2	9	----------	Cu.-N.ESE	3	Ci.	Fr.-Cu.
Mean	------	0.5	------	0.4	------	0.9	------	0.9	------	0.9	------	0.6	0.7	7.1	----------	----------	7.4	----------	----------

TUGUEGARAO.

(ϕ=17° 36′ N; λ=121° 40′ E; barometer above sea, 23 meters; gravity correction not applied, —1.61 mm.)

JULY, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.47	58.76	58.95	56.95	57.15	59.10	58.23	24.9	23.6	30.1	35.1	30.3	26.9	28.5	35.9	23	93	95	65	54	66	81	75.7	------
2	53.29	58.69	59.46	57.43	57.42	59.32	58.43	25.3	24.5	27.9	33.4	31	28.3	28.4	34.8	23.5	89	92	72	56	69	75	75.5	------
3	58.12	58.94	59.83	57.49	57.93	59.04	58.56	24.9	23.9	28	33.5	27.2	26	27.2	34.7	23.4	93	93	80	53	83	90	82	17.3
4	58.12	58.64	58.99	58.11	58	59	58.48	24.6	24.6	26.6	29	26.4	25.5	26.1	29.8	23.6	92	98	88	78	90	93	89.8	2.8
5	58.20	58.95	58.56	56.45	57.86	59.24	58.21	24.2	24	28.5	34.4	29.3	24.5	27.5	35.9	23.6	95	96	81	52	79	92	82.5	------
6	58.99	59.62	59.85	58.47	58.65	60.22	59.30	23.5	23.4	29.1	31	26.8	24.8	26.4	31.9	22.8	96	95	74	69	71	93	83	------
7	59.96	60.06	60.12	58.15	57.63	59.42	59.22	23.2	24.4	28.7	33.8	30.2	26.9	27.9	36.2	22.8	96	87	81	54	73	83	79	------
8	58.44	58.95	58.45	56.12	57.55	58.74	58.04	25.1	24	30.1	35.5	30.1	25.7	28.4	37	23.6	88	91	67	44	67	98	75.8	------
9	57.80	58.35	59.09	56.86	57.51	59.04	58.11	24.2	24	30.6	35.4	28.6	26.6	28.2	37.1	23.7	95	91	67	45	70	75	73.8	------
10	58.35	59.19	60	57.93	58.51	60.04	59	25.2	24.4	30.4	35.5	25.8	25	27.7	37.2	23.7	86	92	73	49	91	91	80.3	5.3
11	59.10	59.71	60.01	58.15	58.08	60.03	59.18	24	23.5	29.5	34.4	31	26.1	28.1	35.2	23	94	96	71	49	69	87	77.7	5.3
12	58.99	59.59	60.11	58	58.47	59.59	59.12	24.2	23.5	29	34.6	26.6	24.6	27.1	36.7	23.2	94	93	74	45	83	87	79.3	------
13	58.93	59.53	60.38	58.28	57.68	60.21	59.17	23.6	22.8	29.6	34.9	30.4	28	28.2	36.2	22.3	90	94	72	49	68	83	76	------
14	59.14	59.57	59.40	57.72	57.72	59.78	58.89	25.3	24.9	31	36.6	28.5	26.7	28.8	38.1	24.1	94	93	66	41	74	86	75.7	------
15	59.33	58.57	59.12	57.01	58.52	59.90	58.74	25.4	24.1	31.4	37	26.6	25.4	28.3	37.7	23.7	87	91	62	43	83	88	75.7	------
16	59.02	59.13	59.30	58.11	57.05	58.94	58.59	23.7	23.9	29.5	32	29.6	25.5	27.4	33.5	23.3	97	95	75	61	71	84	80.5	------
17	58.25	58.56	58.92	57.95	57.01	58.64	58.22	24.3	23.8	30.2	29.2	27	25.8	26.7	30.4	22.8	97	93	66	80	85	91	85.3	------
18	57.67	57.68	59.08	57.21	57.73	58.23	57.93	25.4	25.3	27.1	31	26.1	25.5	26.7	31.8	24.7	93	94	86	69	91	93	87.7	9.6
19	53.59	58.26	58.72	56.78	56.25	57.80	57.73	24.1	23	28.5	34.5	31.5	26.7	28	36	22.4	95	96	74	56	66	83	78.3	------
20	57.23	56.71	57.86	55.52	55.63	57.98	56.83	24.8	23.4	29.8	35.2	29.7	27.5	28.4	37.4	23	90	95	70	50	66	84	75.8	------
21	57.33	57.59	57.86	55.85	55.33	57.08	56.84	25.1	24	30.5	33.8	31	27.2	28.6	36	23.5	87	91	72	59	62	83	75.7	------
22	56.36	56.62	56.82	54.48	54.33	56.73	55.89	25.6	24.6	31.5	35.7	31.4	27	29.3	38.5	23.3	88	93	69	49	70	90	76.5	11.4
23	55.64	55.87	55.83	53.16	54.36	56.04	55.15	23.4	23.5	28.8	33.7	29.1	26.4	27.5	35.1	23.1	94	96	81	54	75	87	81.2	8.4
24	55.48	55.52	55.83	54.22	55.83	57.22	55.68	24.3	24	29.1	33.6	26	25.2	27	34	23.5	91	96	67	61	89	93	82.8	1.3
25	55.95	56.30	57.01	55.38	55.95	57.44	56.34	24.3	24	29.2	34	27.5	25.5	27.4	34.1	23.5	94	92	77	57	85	91	82.7	------
26	56.50	56.58	56.42	54.23	54.55	56.41	55.78	24.3	24	29.2	34	27.6	25.9	27.5	35.5	23.7	92	95	75	56	82	88	81.3	3.3
27	55.43	55.79	55.53	53.78	54.67	56.03	55.20	24.1	24	29.5	34	25.7	25.6	27.2	35.6	23.8	95	95	78	53	95	96	83.5	11.2
28	55.06	55.79	56.17	54.49	54.77	56.47	55.46	24.6	24.5	28.9	34	27	26.4	27.2	35	23.8	97	97	79	57	81	90	83	------
29	55.92	55.96	56.65	54.43	54.83	56.49	55.71	24.3	24.1	27.8	33.4	27	26.4	27.2	35	23.9	96	95	81	55	75	84	81	------
30	56.24	56.37	56.54	54.42	54.81	56.52	55.82	25	24.2	29	34.8	29.5	27	28.2	36.7	23.9	96	95	81	55	75	84	81	------
31	56.20	56.66	56.70	54.38	54.63	57.40	56	26.3	26.5	31	35.4	28.8	27.7	29.3	38.4	25.4	94	92	72	48	69	87	77	------
	56.24	56.66	56.54	54.42	54.63	57.40		26.5	26.4	31.3	36	30.6	28	29.8	38.4	26	93	92	71	47	71	85	76.5	------
Mean	57.65	57.95	58.31	56.37	56.66	58.33	57.54	24.6	24.2	29.4	34	28.6	26.3	27.8	35.5	23.5	92.7	93.7	73.7	54.6	76.4	87.5	79.8	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	75.9

Day.	Wind.														Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		Mean force.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.			Amount.	Form and direction.		Amount.	Form and direction.	
																Upper.	Lower.		Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–10*				*0–10*		
1	SW	1	Calm	----	S	1	SE	1	Calm	----	Calm	----	0.5	4	Ci.			7	Ci.	Cu. SE
2	NE	1	Calm	----	SE	1	SE	1	NE	1	Calm	----	.7	10			N. NE	6	Ci.	Cu. E
3	Calm	----	Calm	----	Calm	----	SW	1	SE	3	Calm	----	.7	5	Ci.-S.		Fr.-Cu.	8		Cu.-N. E
4	Calm	----	Calm	----	E	1	SW	1	Calm	----	Calm	----	.3	6			Cu.-N.ESE	10		Cu.-N. S
5	Calm	----	Calm	----	SSW	1	NE	1	Calm	----	S	2	.7	10			N. S	3		Cu.
6	SW	1	E	1	SE	1	SE	2	NE	1	N	1	1.2	6	Ci.		S.-Cu.	8		cu.-N. SE
7	S	1	ENE	1	N	1	Calm	----	Calm	----	Calm	----	.5	4	Ci.		S.-Cu. S	7		Cu. E
8	SE	1	SE	1	SE	1	S	1	N	1	Calm	----	.8	0				4		Fr.-Cu.SE
9	SW	1	Calm	----	Calm	----	SE	1	N	1	Calm	----	.5	7	Ci.		S.-Cu. SE	6	Ci.	Cu. SE
10	Calm	----	Calm	----	NE	1	N	1	WNW	1	Calm	----	.5	6	Ci.		S.-Cu. S	6		Cu. S
11	Calm	----	Calm	----	SE	1	N	1	Calm	----	Calm	----	.3	0				6	Ci.	cu.-N. SE
12	Calm	----	Calm	----	NW	1	S	1	NW	2	Calm	----	.7	7	Ci.-S.		Cu.-N. SE	5	Ci.	Cu. S
13	Calm	----	Calm	----	Calm	----	N	1	Calm	----	Calm	----	.2	3	Ci.		Fr.-Cu.	2		Fr.-Cu. N
14	SW	1	SE	1	SE	1	SE	1	Calm	----	Calm	----	.7	3	Ci.-Cu.		S. SE	6		Cu. S
15	S	1	SE	1	SW	1	SE	1	Calm	----	Calm	----	.7	6	ci., A.-cu.		Cu. S	7		Cu. S
16	SSE	1	SE	1	SE	1	Calm	----	Calm	----	Calm	----	.5	4	Ci.		Cu. S	10	Ci.-S.	
17	Calm	----	Calm	----	Calm	----	Calm	----	N	1	NE	1	.3	8	Ci., Ci.-S.			10	Ci.-S.	cu.-N. SE
18	Calm	----	Calm	----	Calm	----	N	1	Calm	----	Calm	----	.2	10	------	----	Cu.-N. SE	8		Cu.-N. E
19	Calm	----	Calm	----	N	1	N	1	NE	1	Calm	----	.5	8			Cu.-N. N	7		Cu.-N.W
20	Calm	----	Calm	----	Calm	----	Calm	----	NE	1	N	2	.5	0				4		Fr.-Cu.N
21	Calm	----	Calm	----	N	1	Calm	----	NE	1	NW	1	.5	8			Cu.-N. N	8	Ci.	Cu. N
22	Calm	----	Calm	----	SW	1	N	1	Calm	----	S	3	.8	6	Ci.		cu.-N. NE	6		Cu. N
23	SW	1	SW	1	S	1	N	1	N	1	SE	3	1.3	6	Ci.		Cu.-N. S	4		Cu.
24	SE	1	Calm	----	SE	1	NNW	1	SW	1	S	1	.8	7	Ci.		Cu.-N. S	7	Ci.	Cu. W
25	SW	1	Calm	----	SE	1	NW	1	NW	1	S	1	.8	6			Cu.-N. SE	8	Ci.-Cu.	Cu.-N. N
26	SW	1	S	1	SW	1	Calm	----	NW	2	Calm	----	.8	6	Ci.-Cu.		Cu.-N. S	2	Ci.	Fr.-Cu.
27	SW	1	SSW	1	S	1	SSW	1	NW	1	N	1	1	10			N. S	6		Cu.-N. S
28	NW	1	Calm	----	S	1	SW	1	Calm	----	Calm	----	.5	8			Cu.-N. S	6	Ci.-S.	Cu.-N. S
29	SSW	1	S	1	S	1	SSW	1	NW	2	NE	2	1.3	4	A.-Cu. SW		Cu. S	4		Fr.-Cu. S
30	S	1	Calm	----	W	1	SW	1	NE	2	Calm	----	.8	10			Cu.-N. S	4		Cu. SE
31	SE	1	SE	1	S	1	SW	1	NW	2	NW	3	1.5	8			Cu.-N. SE	4		Cu. S
Mean	------	0.6	------	0.4	------	0.8	------	0.8	------	0.8	------	0.7	0.7	6	----------	----------	----------	6.1	----------	----------

TUGUEGARAO.

($\phi = 17°\ 36'$ N; $\lambda = 121°\ 40'$ E; barometer above sea, 23 meters; gravity correction not applied, —1.61 mm.)

AUGUST, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.20	57.54	57.59	55.81	56.05	58.22	57.07	26	25.9	31.4	35.8	31	26.7	29.5	36.7	25.4	92	91	67	48	68	86	75.3	------
2	57.92	57.73	57.70	55.39	56.25	57.82	57.14	25.4	24.8	30.5	34.6	27.2	27.2	28.3	37.5	24.6	91	93	65	56	87	89	80.2	2.5
3	56.83	57.54	57.37	55.52	56.29	57.79	56.89	25.8	25.6	30.6	35.5	26	26	28.2	37	25.4	92	95	73	49	94	94	82.8	22.4
4	57.10	57.82	58.30	56.08	57.04	59.05	57.56	25.4	25.3	30.5	34.9	26.4	24.4	27.8	35.1	23.9	97	98	74	58	89	92	84.7	5.5
5	57.05	57.41	57.67	55.71	56.07	56.98	56.82	23.9	23.8	27	31.6	27.5	25.6	26.6	35	23.3	97	95	84	72	75	93	86	------
6	56.58	56.63	56.15	54.49	54.87	56.74	55.91	25.3	25.2	28.7	33.6	27.4	26.2	27.7	35.4	25	95	95	81	60	82	90	83.8	4.8
7	56.43	56.77	56.96	55.35	56.12	57.01	56.44	25.3	25.1	30	33	26	26.1	27.6	35	24.8	97	95	71	61	93	88	84.2	10.2
8	56	56.84	56.97	54.70	55	56.67	56.03	25.5	25.4	27	34	29.1	26.8	28	35.6	25	96	95	97	55	72	85	83.3	------
9	55.93	55.03	55.03	54.08	54.35	55.86	55.05	25.5	25	28.5	28.4	25.2	24.6	26.2	29	24	95	98	85	86	99	97	93.3	25.1
10	52.81	53.55	54.43	52.81	52.44	52.99	53.17	24	24	25	25	25	24.9	24.6	25.6	23.5	97	97	93	95	96	95	95.5	51
11	52.62	52.36	52.32	51.19	51.23	53.09	52.14	24.2	24	25	26.5	26.5	25.3	25.2	26.8	23.5	97	97	97	93	94	94	95.3	10.7
12	51.54	51.57	51.99	50.55	50.12	51.43	51.20	24.3	24.2	27.2	32	30	27.6	27.6	34	24	97	98	89	69	81	88	87	------
13	50.44	52.33	52.77	52.62	52.72	54.68	52.59	25.3	25.3	28	27.4	26.6	26.6	26.5	29.8	24.9	93	97	88	93	97	90	93	10.1
14	54.46	53.90	54.79	54.11	55.15	57.32	54.96	25.6	25.4	30.5	33.1	26.1	26.1	27.8	34.8	24.5	94	97	72	63	91	92	84.8	26.1
15	55.93	57.49	58.46	56.88	56.59	58.96	57.38	25	24.1	29.4	34	30.7	26.6	28.3	35	24	92	99	76	53	71	87	79.7	------
16	58	57.94	57.85	55.45	55.82	57.11	56.94	24.6	24.1	29	33	27	27	27.4	35.2	23.9	93	95	74	62	84	90	83	------
17	56.32	55.65	55.37	53.48	53.83	56	55.11	25.2	25.1	29.6	33.5	30.6	28	28.7	35	25	97	96	81	61	75	85	82.5	------
18	54.14	54.52	54.86	53.98	54.06	55.41	54.50	25.3	24.6	29.4	32.6	30.6	28	28.4	34	24	88	90	68	61	74	80	76.8	------
19	54.78	54.89	54.82	53.97	54.80	56.10	54.89	24.9	24.6	31	33.8	29.6	26.8	28.4	35.6	24	89	87	64	49	69	90	74.7	------
20	54.55	55.35	56.09	54.82	56.30	57.05	55.69	25.1	24.4	30.6	35.5	27.3	27.1	28.3	36.2	24	93	88	68	53	73	81	76	------
21	56.55	56.76	57.75	56.38	56.72	59.42	57.26	25.6	24.5	29.4	33	29.5	27	28.2	33.8	24	87	92	75	61	75	86	79.3	------
22	58.95	59.43	59.60	57.39	57.48	60.33	58.86	25.3	24.5	29.3	35	29.5	27.7	28.6	36	24	90	92	77	57	75	79	78.3	3.8
23	60.07	59.51	58.87	56.45	56.41	58.07	58.23	25.3	24.2	28.5	33.1	28.1	25.6	27.5	34.3	24	93	95	78	57	82	91	82.7	------
24	56.87	56.98	57.02	55.28	56.48	58.25	56.81	25.4	24.6	29.6	34.2	26.6	25.2	27.6	35.2	24	95	96	72	56	87	90	82.7	------
25	56.89	56.90	57.99	56.63	57.22	59.99	57.60	24.3	24.4	28.8	32.5	28.4	25.5	27.3	35	23.3	93	89	72	55	77	93	79.8	------
26	59.23	59.38	60.52	58.20	58.27	60.07	59.28	24.7	24.6	28.5	34	29	25.9	27.8	35.4	24.3	94	96	77	54	71	81	78.8	------
27	59.09	59.01	60.47	57.92	57.84	58.70	58.76	23.8	23	29	34.3	29.8	26.8	27.8	35.4	22.5	94	93	75	52	67	87	78	------
28	58.39	58.25	58.97	56.90	56.83	58.68	58	24.8	22.4	29.9	35	31.2	25.6	28.2	37.3	22	90	93	65	42	62	91	73.8	------
29	58.10	58.06	58.66	56.88	56.16	58.60	57.74	23.1	22.5	29.8	35.2	33.2	27.6	28.6	37.6	22.1	92	94	70	49	49	82	72.7	------
30	57.96	57.73	58.29	56.80	57.85	59.15	57.96	25.7	24.5	31	34	27.5	26.5	28.2	35.6	24.3	94	97	67	54	75	88	79.2	------
31	53.61	59.67	59.70	57.81	59.20	60.54	59.26	25.1	25	30	33.5	27.1	26	27.8	36.8	24.6	95	92	68	63	78	83	79.8	------
Mean	56.37	56.60	56.95	55.28	55.63	57.36	56.36	25	24.5	29.1	33	28.2	26.4	27.7	34.5	24.1	93.5	94.4	76.2	61.2	79.4	88.3	82.2	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	173.2

Day.	Wind.														Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		Mean force.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.			Amount.	Form and direction.		Amount.	Form and direction.	
																Upper.	Lower.		Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–12*	*0–10*			*0–10*		
1	SW	1	SE	1	SW	1	S	1	NW	3	NW	2	1.5	8	------	N. S		5	Ci.	Cu. S
2	N	1	S	1	SW	1	S	1	NW	3	Calm	----	1.2	7	Ci.	S.-Cu. S		8	Ci.	Cu. S
3	SE	1	S	1	SE	1	N	1	NW	4	Calm	----	1.3	6	Ci.	S.-Cu. S		5	Ci.	Cu.
4	S	1	S	1	SSW	1	NW	1	Calm	----	SW	2	1	7	------	S.-Cu. S		7	Ci.-S.	Cu.-N. NW
5	SE	1	S	1	SSW	1	Calm	----	NW	3	NE	1	1.2	10	------	Cu.-N. SE		7	Ci.-S. N	Cu. S
6	SW	1	S	1	S	3	SW	1	Calm	----	Calm	----	1	10	------	Cu.-N. SE		8	ci.-s., A.-cu.	------
7	SE	1	Calm	----	SE	1	SW	1	Calm	----	Calm	----	.5	8	------	S.-Cu.NW		8	Ci.	cu.-N. SE
8	Calm	----	Calm	----	SE	1	Calm	----	NW	1	Calm	----	.3	10	------	Cu.-N. S		4	Ci.-Cu.	Cu. S
9	Calm	----	Calm	----	Calm	----	Calm	----	NW	1	Calm	----	.2	10	------	Cu.-N. S		10	------	N.
10	NW	1	SW	1	SW	1	SE	1	Calm	----	SE	1	.8	10	------	N. W		10	------	N. S
11	SE	1	S	1	Calm	----	S	1	Calm	----	SW	1	.7	10	------	N.		10	------	N. S
12	Calm	----	Calm	----	SE	1	S	1	Calm	----	S	1	.5	10	------	Cu.-N.SW		7	Ci.	Cu. W
13	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	0	10	------	N. W		10	------	Cu.-N.W
14	S	1	SE	1	SW	2	SSE	1	W	1	Calm	----	1	8	------	Cu.-N. S		7	------	Cu.-N. S
15	Calm	----	Calm	----	SW	2	SW	1	NW	1	Calm	----	.7	8	Ci.	Cu.-N. W		4	Ci.	Fr.-Cu.s
16	SE	1	Calm	----	S	1	SE	1	Calm	----	S	1	.7	2	------	Fr.-Cu.		8	Ci.-S.	cu.-N. SE
17	S	1	S	1	SE	1	S	2	Calm	----	Calm	----	.8	7	------	Cu. W		8	A.-Cu.	Cu.-N. S
18	Calm	----	Calm	----	SE	2	Calm	----	SW	1	SW	2	.8	8	------	S.-Cu. SE		10	Ci.-S.	Cu.-N. E
19	SE	1	Calm	----	SE	2	SSW	1	SE	1	NE	1	1	8	A.-cu. NW	S.-Cu. SE		8	------	Cu.-N. S
20	SW	1	SW	1	Calm	----	SE	1	Calm	----	Calm	----	.5	8	------	S.-Cu.		5	Ci.-Cu. SW	Cu. S
21	Calm	----	S	1	Calm	----	Calm	----	Calm	----	NE	2	.5	9	------	Cu.-N.SW		10	Ci.-S.	------
22	Calm	----	SW	1	SE	1	SW	1	NW	2	S	2	1.2	8	------	S.-Cu. S		4	Ci.	Cu. S
23	SE	2	SW	1	SE	1	SW	1	NW	1	Calm	----	1	10	------	Cu.-N.		8	ci.-s., A.-cu.	Cu. N
24	SW	1	Calm	----	SSW	1	S	1	Calm	----	SW	1	.7	5	Ci.	S.-Cu. SW		7	Ci.	Cu. S
25	Calm	----	Calm	----	SW	2	SW	2	W	1	Calm	----	.8	10	Ci.	Cu.-N. SE		8	Ci.-S.	Cu.-N. S
26	SW	1	S	1	SW	1	Calm	----	SW	1	Calm	----	.7	10	------	N. W		6	Ci.	Cu. S
27	Calm	----	Calm	----	S	1	S	1	Calm	----	Calm	----	.3	8	------	Cu.-N. N		8	Ci.-Cu.	Cu.-N.N
28	Calm	----	Calm	----	SW	1	Calm	----	NE	2	NE	1	.7	0	------	------		1	Ci.	------
29	SW	1	Calm	----	SE	1	SW	1	Calm	----	N	1	.7	0	------	------		4	Ci.-Cu.	Cu. S
30	Calm	----	Calm	----	SW	1	Calm	----	NW	1	Calm	----	.3	6	Ci.	S.		8	Ci.-Cu.	cu.-N.NE
31	Calm	----	Calm	----	SW	1	S	1	Calm	----	Calm	----	.3	8	------	Ci.-N. N		7	Ci.	Cu. S
Mean	------	0.6	------	0.5	------	1.1	------	0.8	------	0.9	------	0.6	0.7	7.7	------	------		7.1	------	------

TUGUEGARAO.

(ϕ=17° 36′ N; λ=121° 40′ E; barometer above sea, 23 meters; gravity correction not applied, —1.61 mm.)

SEPTEMBER, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.39	60.09	61.57	58.53	58.60	59.59	59.63	25.3	24.6	27.5	34.8	27.2	26.2	27.6	35.6	24.4	88	92	81	55	86	90	82	1.3
2	58.78	58.69	58.48	57.04	56.31	56.89	57.70	24.3	23.6	29.2	29.7	27.6	26.2	26.8	32.5	23.4	91	96	76	72	84	92	85.2	------
3	55.09	54.97	54.24	52.50	52.15	52.01	53.49	25.1	24.6	29	28	25.5	24.8	26.2	31	23.8	94	97	77	82	91	93	89	34.6
4	49.33	48.84	48.78	46.43	48.69	50.65	48.79	23.5	23.5	23.5	24.6	24.8	24	24	25.2	22.6	97	94	96	92	91	91	93.5	35.6
5	50.82	51.91	54.35	54.47	55.44	56.63	53.94	23.5	24.2	27.8	28.6	27.4	25.4	26.2	30.6	23	92	86	72	70	79	89	81.3	------
6	56.48	56.44	57.92	56.29	56.34	58.50	57	24.6	24.2	29	31	29.5	27	27.6	33	23.7	93	93	75	63	69	86	77.8	------
7	57.82	57.99	58.64	56.63	58.69	59.78	58.26	25	23.5	28.9	33.5	24.5	24.2	26.6	35.7	23.2	92	95	73	55	90	95	83.3	3.3
8	58.79	58.85	58.97	57.37	57.18	58.88	58.33	24	24	27.7	32.3	27.2	25.5	26.8	32.5	23.6	97	97	78	59	83	93	84.5	------
9	57.75	57.94	58.97	56.44	57.31	59.17	57.93	24.8	24.2	28.4	30.6	27.4	24.9	26.7	33	23.7	95	97	75	74	83	94	86.3	1.8
10	57.84	58.36	59.09	56.83	56.85	58.98	57.99	23.8	23.5	28.8	33.5	28.7	26.6	27.5	34.4	23.2	97	98	77	61	83	93	84.8	------
11	58.07	58.45	59.15	57.17	56.78	59.30	58.15	24.4	23.6	29.2	28.8	31.1	27.2	27.4	34.7	23.3	97	96	77	83	68	84	84.2	------
12	59.12	59.40	60.21	57.47	57.41	59.89	58.92	25.5	24	29.2	34.5	29.8	24.1	27.8	36.8	23.2	96	95	74	54	71	81	78.5	------
13	59.11	59.15	59.32	57.05	56.78	58.91	58.39	23.5	22.7	29	34.2	30	25.4	27.5	35.1	22.4	89	94	71	55	74	91	79	4.1
14	57.79	57.84	58.88	56.80	56.55	57.80	57.61	24.9	24.5	27.5	28	27.4	26.1	26.4	29.8	23.5	95	93	82	86	87	95	89.7	7.9
15	57.45	56.64	57.87	56.40	56.52	58.18	57.18	25.3	24.8	28.4	31.3	28	25.4	27.2	32.4	24.1	95	95	80	68	79	90	84.5	------
16	57.46	57.99	59.11	56.94	57.94	59.74	58.20	23.3	22.6	28.8	28.5	26	25.2	25.7	32.8	22.4	99	97	78	80	80	87	86.8	------
17	58.11	57.59	58.73	55.81	56.32	58.23	57.46	23.9	23	28	31.5	26.5	25.4	26.4	33	22.6	90	94	82	63	80	93	83.7	------
18	56.88	56.39	57.81	55.12	55.57	56.97	56.46	24.2	24	28.2	33.1	27.1	25.2	27	34	23	94	94	83	59	90	92	85.3	5.4
19	56.58	56.03	56.65	55.10	55.82	57.08	56.21	24.1	23.7	29	33	28.1	26.2	27.4	34	23.2	97	97	81	55	80	90	83.3	------
20	56.53	56.78	57.26	55.22	55.58	57.33	56.45	24.5	23.5	30.3	33.4	29.7	27.5	28.2	34.8	23.3	94	97	66	60	71	81	78.2	------
21	55.70	55.50	55.63	53.69	53.86	55.61	55	25.3	24.6	31	33.6	30.6	27.5	28.8	35	24.1	93	95	64	56	69	82	76.5	------
22	54.63	54.41	55.40	52.61	53.81	55.04	54.32	25.4	24.4	31.2	33.6	28.3	25.6	28.1	34.3	24.1	88	95	66	56	75	92	78.7	13.2
23	54.13	53.68	54.22	52.48	52.53	52.91	53.32	24.5	24.7	27.3	26.5	25.6	25.6	25.7	29.2	24.1	98	99	88	92	95	95	94.5	15.7
24	51.92	50.97	51.64	48.88	49.64	51.17	50.70	24.9	24.5	28.4	32.6	27.5	26	27.3	33.6	24.3	97	98	83	57	81	94	85	8
25	50.65	50.53	51.81	50.69	51.24	53.33	51.38	25.3	25	27.2	28.5	27.6	25.6	26.5	28.8	24.6	95	96	84	75	80	94	87.3	------
26	52.82	53.21	54.98	53.62	54.42	56.89	54.32	24.8	24.1	28.7	31.4	29.2	24.5	27.1	31.5	23.8	95	95	71	57	79	91	81.3	50.2
27	56.65	56.27	57.72	54.92	56.67	57.69	56.65	23.5	23.5	27	30.5	25	23.8	25.6	32.4	22.7	96	96	87	71	92	96	89.7	51.8
28	56.83	56.78	57.37	55.01	55.79	57.20	56.50	23.5	23.4	28.2	29.7	25.2	24.4	25.7	32	22.5	92	97	75	73	92	95	87.3	15.7
29	56.33	56.28	57.30	55.22	55.94	57.04	56.35	24.2	24	25	27.8	25	24.5	25.1	30	23.5	95	96	98	80	92	96	92.8	6.6
30	56.11	56.69	58.07	56.08	56.62	58.73	57.05	24.2	23.8	28.2	32.2	30	26.4	27.5	34	23.4	98	97	83	63	73	87	83.5	------
Mean	56.17	56.16	57	54.96	55.44	57	56.12	24.4	23.9	28.3	31	27.6	25.5	26.8	32.7	23.4	94.3	95.4	78.4	67.5	81.6	90.7	84.6	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	250.2

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.			6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Mean force.	Amount.	Form and direction. Upper.	Lower.	Amount.	Form and direction. Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–10*			*0–10*		
1	Calm	----	Calm	----	S	1	SSW	1	Calm	----	Calm	----	0.3	10	----------	S.-Cu. S	7	Ci.	Cu.-N. E
2	Calm	----	Calm	----	NW	1	N	2	NW	2	N	1	1	10	----------	N.	9	----------	Cu.-N. SE
3	NW	1	Calm	----	NW	2	NW	2	N	2	Calm	----	1.2	7	Ci.-S.	N. N	10	----------	Cu.-N. N
4	S	1	S	2	SSW	3	SSE	4	SE	5	SE	5	3.3	10	----------	N.	10	----------	N. S
5	SE	4	SW	1	S	2	S	2	Calm	----	Calm	----	1.5	7	----------	S.-Cu. SW	8	----------	Cu.-N. S
6	S	1	SW	1	SW	1	SSW	1	Calm	----	Calm	----	.7	10	----------	N. S	8	----------	Cu.-N. SE
7	Calm	----	Calm	----	SW	1	Calm	----	Calm	----	Calm	----	.2	6	Ci.	S.-Cu.	7	Ci.	Cu.-N. ESE
8	Calm	----	Calm	----	Calm	----	NW	1	NW	1	Calm	----	.3	10	----------	Cu.-N.	8	----------	Cu.-N. N
9	Calm	----	Calm	----	Calm	----	NW	1	N	1	SW	1	.5	10	----------	N.	8	----------	Cu.-N. NE
10	Calm	----	Calm	----	S	1	S	1	Calm	----	N	1	.5	7	----------	Cu.-N.	5	Ci.	Cu. S
11	Calm	----	Calm	----	S	1	SW	1	Calm	----	Calm	----	.3	4	Ci.	S.-Cu. S	8	----------	Cu.-N. S
12	Calm	----	Calm	----	Calm	----	S	1	NW	1	Calm	----	.3	8	ci., ci.-cu.	S.-Cu. N	6	Ci.-S.	Cu.-N. S
13	Calm	----	Calm	----	SW	1	NW	1	Calm	----	Calm	----	.3	3	Ci.	S.-Cu. S	6	----------	Cu. E
14	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	0	10	----------	N.	10	----------	Cu.-N. S
15	SW	1	Calm	----	Calm	----	S	1	Calm	----	SE	1	.5	10	Ci.	Cu.-N. SE	8	----------	Cu.-N. S
16	Calm	----	Calm	----	Calm	----	Calm	----	S	1	S	2	.5	5	Ci.	S.-Cu. S	10	----------	Cu.-N. S
17	SE	1	Calm	----	SE	1	SW	1	Calm	----	N	1	.7	8	----------	S.-Cu. S	7	A.-Cu. S	Cu.-N. SE
18	SE	1	Calm	----	SE	1	NW	1	Calm	----	Calm	----	.5	10	----------	Cu.-N. N	8	----------	Cu.-N. NW
19	Calm	----	Calm	----	NW	1	NW	1	NW	1	Calm	----	.5	6	Ci.	S.-Cu.	6	Ci.	Cu. N
20	Calm	----	Calm	----	NW	1	N	1	NW	1	N	2	.8	0	----------	----------	5	----------	Cu. NW
21	Calm	----	Calm	----	Calm	----	NW	1	NNW	1	NE	1	.5	8	Ci.	S.-Cu.	6	----------	Cu.-N. W
22	Calm	----	Calm	----	NW	2	NW	3	NW	3	NNW	1	1.5	6	Ci.	S.-Cu. N	8	Ci.	Cu. N
23	Calm	----	Calm	----	Calm	----	SE	1	Calm	----	Calm	----	.2	10	----------	N. W	10	----------	N.
24	Calm	----	SW	1	Calm	----	S	2	SW	1	Calm	----	.7	10	----------	N. S	10	Ci.-S.	Cu.-N. S
25	Calm	----	Calm	----	S	1	SE	2	S	1	Calm	----	.7	8	----------	Cu.-N. SE	10	----------	Cu.-N. S
26	Calm	----	Calm	----	S	2	S	1	Calm	----	NW	2	.8	10	----------	S.-Cu. SW	10	----------	Cu.-N. S
27	Calm	----	Calm	----	SW	1	Calm	----	Calm	----	Calm	----	.2	8	A.-Cu.	Cu.-N. N	10	----------	Cu.-N. S
28	Calm	----	Calm	----	N	1	N	1	Calm	----	Calm	----	.3	8	----------	S.-Cu.	10	----------	Cu.-N. N
29	SE	1	Calm	----	Calm	----	NW	1	Calm	----	W	2	.7	10	----------	N.	10	----------	Cu.-N. NW
30	Calm	----	Calm	----	Calm	----	SE	1	Calm	----	Calm	----	.2	8	----------	Cu.-N. S	5	Ci.-S.	Cu. S
Mean	------	0.4	------	0.2	------	0.8	------	1.2	------	0.7	------	0.7	0.7	7.9	----------	----------	8.1	----------	----------

TUGUEGARAO.

($\phi = 17°\ 36'$ N; $\lambda = 121°\ 40'$ E; barometer above sea, 23 meters; gravity correction not applied, —1.61 mm.)

OCTOBER, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.34	58.41	58.72	57.14	58.16	59.54	58.38	24.3	23.4	29.5	34	28.4	25.8	27.6	35	23	90	95	73	54	82	94	81.3	------
2	59.40	59.56	59.91	57.82	58.10	59.28	59.01	24.3	24.4	28.4	28.1	25.6	25.2	26	32.8	24	99	97	83	72	91	92	89	10.2
3	58.08	58.41	59.94	57.79	58.19	59.10	58.58	24.7	24	25.2	27.5	26	25.2	25.4	28	23.2	92	93	97	81	92	94	91.5	20.6
4	57.60	58.21	59.93	58.14	58.15	58.51	58.42	23.9	24	24.8	23	23.2	22.8	23.6	25.2	22.4	97	99	92	95	93	95	95.2	160.3
5	57.46	58.67	59.91	58.32	57.94	58.81	58.52	22.5	21.6	23.8	23.8	24.4	24.1	23.4	25	21.5	97	98	91	95	92	91	94	------
6	57.76	57.91	58.64	56.40	56.88	58.84	57.74	23.4	23	26.7	29.6	26.5	25.2	25.7	31	22.7	95	97	86	74	88	92	88.7	3.8
7	57.73	58.06	59.70	57.37	57.08	59.20	58.19	24	23	27.2	30.8	27.4	24.8	26.2	31.6	22.5	96	98	88	68	81	83	84.8	------
8	58.37	59.25	60.14	57.89	58.69	59.18	58.92	22.5	22	24.6	29	25	24.1	24.5	29.8	20.5	96	96	83	71	88	95	88.2	13.2
9	57.60	58.31	59.11	56.85	56.79	57.69	57.72	23.8	24	23.9	25.2	25	23.9	24.3	25.8	22.9	96	95	97	96	98	92	95.7	47.8
10	56.21	56.62	57.27	55.80	56.16	57.30	56.56	23.4	23.6	26	28	27.5	25	25.6	28.6	22.8	95	93	89	77	82	87	87.2	2.5
11	56.99	57.56	59.32	57.06	56.94	58.57	57.74	24.3	23.5	29	31.7	29	26	27.2	33.1	23	90	92	78	63	83	92	83	------
12	57.82	58.41	59.43	57.27	57.40	59.45	58.30	24.6	24	28.2	32.8	28.2	25.3	27.2	33.5	23.5	91	97	87	67	83	93	86.3	------
13	58.82	59.69	60.84	58.52	58.29	60.54	59.45	24.5	24.4	28.2	32	28.7	25.5	27.2	33.7	23.8	96	94	88	60	78	92	84.7	------
14	59.63	59.88	61.15	58.72	58.62	59.82	59.64	24.3	23.5	26.3	31.2	27.4	25	26.3	32.5	22.8	95	96	87	60	85	93	86	------
15	58.84	58.91	59.48	56.92	57.36	58.97	58.41	23.4	23	26.5	30.7	26.3	25.4	25.9	32	22.6	96	97	85	65	88	93	87.3	2.3
16	57.54	57.86	58.74	56.82	57.19	58.24	57.73	24.4	24	26.1	25.6	25.3	24.5	25	26.6	23.5	97	97	92	93	98	94	95.2	37.9
17	57.09	57.30	58.24	56.22	56.95	58.26	57.34	23.8	23.5	23.9	25	25.5	24.8	24.4	26.4	23.1	97	97	97	89	94	93	94.5	15.5
18	57.74	57.96	59.49	56.78	57.61	59.40	58.16	23.9	23.5	25.7	28.7	26.7	25	25.6	30.5	23	96	97	88	71	79	92	87.2	15.8
19	57.66	58.09	58.64	56.17	57.21	58.67	57.74	23.3	23.4	28.2	31.5	26.5	25.2	26.3	33.3	22.7	97	97	82	65	86	90	86.2	------
20	57.58	58.44	59.74	57.32	58.48	60.54	58.68	24	23.5	28	29.4	28.2	26	26.5	31.3	22.6	92	92	83	79	83	94	87.2	1.5
21	59.68	60.21	61.32	59.54	59.79	61.55	60.35	24.3	23.2	28.2	30.5	26.5	25.4	26.3	31.8	22.5	92	98	87	65	88	94	87.3	16
22	60.21	60.30	61.67	59.34	59.54	60.45	60.25	23.6	23.7	26.5	26.4	26.2	24.6	25.2	28.2	23.3	98	96	88	86	92	95	92.5	8.4
23	58.99	59.15	60.63	58.31	59.18	60.27	59.42	24.1	24	26.6	28.5	26.2	24.8	25.7	28.8	23.7	98	97	89	84	95	96	93.2	3.6
24	59.09	59.80	61.10	59.07	59.20	61.47	59.96	23.3	23	28.4	31.4	28	26.2	26.7	33	22.6	98	100	79	68	86	94	87.5	------
25	60.94	60.79	61.81	59.17	59.88	61.87	60.74	24.2	24	27.2	32.5	28.7	26.2	27.1	33.6	23.9	99	100	86	66	77	90	86.3	------
26	61.39	62.52	63.52	60.60	60.68	62.42	61.86	24.2	23	28	30.8	27.5	25.5	26.5	32.8	22.7	93	97	79	68	84	93	85.7	------
27	61.16	61.56	62.37	59.59	59.70	61.47	60.97	23.7	23	27.2	32.6	28.3	24.6	26.6	33.4	22.5	93	96	77	56	76	88	81	2.5
28	59.99	60.10	61.20	58.48	58.89	60.69	59.89	23.2	23.1	24.3	30.4	27.5	25.2	25.6	32	22.6	94	98	93	74	82	94	89.2	------
29	60.10	60.50	62.42	59.29	59.49	61.05	60.47	24.1	23.5	27.2	32.2	26.3	25	26.4	32.5	22.7	95	96	83	63	87	90	85.7	3.8
30	60.71	60.94	61.43	59.32	59.54	60.66	60.43	23.3	21.9	28.2	31.2	27	24.2	26	31.6	21.5	90	96	77	60	70	92	80.8	------
31	59.43	59.89	60.18	57.78	58.17	59.19	59.11	23.8	23.5	27.2	29	26.2	24.5	25.7	30	23.2	95	96	86	78	90	93	89.7	3
Mean	58.71	59.14	60.19	57.93	58.27	59.71	58.99	23.8	23.4	26.7	29.5	26.7	25	25.9	30.8	22.8	95	96.4	86	73	86.2	92.3	88.1	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	368.7

Day.	Wind.														Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		Mean force.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.			Amount.	Form and direction.		Amount.	Form and direction.	
																Upper.	Lower.		Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–12*	*0–10*			*0–10*		
1	SW	1	Calm	----	SW	1	NE	1	NE	1	NW	1	0.8	4	Ci.			1	Ci.	Fr.-Cu.
2	Calm	----	Calm	----	Calm	----	NE	4	Calm	----	Calm	----	.7	7			S.-Cu. N	8		Cu.-N. N
3	SE	1	Calm	----	Calm	----	Calm	----	Calm	----	NW	1	.3	10			Cu.-N. N	10		Cu.-N. N
4	Calm	----	N	1	Calm	----	NW	1	Calm	----	Calm	----	.3	10			Cu.-N. NW	10		N.
5	Calm	----	Calm	----	NW	1	Calm	----	Calm	----	Calm	----	.2	10			N.	10		N.
6	SE	1	S	1	Calm	----	NW	2	Calm	----	Calm	----	.7	10			Cu.-N. S	7	Ci.	Cu.-N. E
7	Calm	----	Calm	----	Calm	----	Calm	----	SW	1	Calm	----	.2	6			S.-Cu. S	8		Cu.-N. SW
8	Calm	----	Calm	----	S	2	Calm	----	SE	2	Calm	----	.7	8			S.-Cu.	8		S.-Cu. S
9	Calm	----	Calm	----	Calm	----	SW	1	Calm	----	SE	1	.3	10			N.	10		N.
10	SE	1	S	1	SW	1	SW	2	Calm	----	SW	2	1.2	10			N. S	8		Cu.-N. S
11	Calm	----	Calm	----	Calm	----	S	1	Calm	----	Calm	----	.2	7			S.-Cu. W	8	Ci.-S.	Cu.-N. WNW
12	Calm	----	SE	1	SE	1	Calm	----	NE	2	N	1	.8	8			S.-Cu. S	6	Ci.	Cu. S
13	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	0	9			Cu.-N. N	6		Cu. S
14	Calm	----	Calm	----	Calm	----	SW	1	NW	1	S	1	.5	6			S.-Cu.	6	Ci.	Cu. S
15	Calm	----	Calm	----	NE	1	NE	2	N	1	Calm	----	.7	8	Ci.		S.-Cu.	8		Cu., Cu.-N. NE
16	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	0	10			N. N	10		N.
17	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	0	10			N.	10		Cu.-N. N
18	Calm	----	SW	1	Calm	----	SW	2	S	1	Calm	----	.7	8			cu.-N. SW	10		Cu.-N. S
19	Calm	----	Calm	----	SW	1	SW	1	Calm	----	Calm	----	.3	7			cu.-N. SW	9	Ci.-Cu.	Cu.-N. S
20	Calm	----	Calm	----	SE	1	NE	1	Calm	----	Calm	----	.3	9			S.-Cu. SW	8		Cu.-N. E
21	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	0	6			S.-Cu. S	8		cu.-N. NE
22	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	0	10			Cu.-N. S	10		Cu.-N. S
23	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	0	7			Cu.-N.	10		cu.-N. SE
24	Calm	----	Calm	----	Calm	----	NE	1	Calm	----	Calm	----	.2	6			S.-Cu.	7		Cu.-N. E
25	Calm	----	S	1	SE	1	SE	1	SE	1	Calm	----	.7	7			S.-Cu. E	8		Cu.-N. E
26	Calm	----	Calm	----	SE	1	SW	1	Calm	----	Calm	----	.3	4			S.-Cu. E	5		Cu. E
27	Calm	----	Calm	----	Calm	----	Calm	----	NE	1	NE	1	.3	6	Ci.		S.-Cu. E	4		Cu. E
28	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	0	9			S.-Cu.	10		Cu.-N.
29	SE	1	Calm	----	Calm	----	NE	1	Calm	----	Calm	----	.3	7			S.-Cu.	5		Cu. N
30	Calm	----	Calm	----	NW	1	NW	1	N	2	NE	2	1	4			S.-Cu. E	5		Cu. NE
31	Calm	----	Calm	----	N	2	NE	1	NE	1	NW	3	1.2	10			N. N	6		Cu.-N. E
Mean	------	0.2	------	0.2	------	0.5	------	0.8	------	0.5	------	0.4	0.4	7.8	------	------	------	7.7	------	------

TUGUEGARAO.

(ϕ=17° 36′ N; λ=121° 40′ E; barometer above sea, 23 meters; gravity correction not applied, —1.61 mm.)

NOVEMBER, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.49	58	58.74	56.42	56.89	58.19	57.79	23.8	24	25.6	29.5	25.2	24.6	25.4	29.9	23.1	97	95	92	76	94	95	91.5	20.1
2	57.04	58.21	59.39	56.85	57.38	59.18	58.01	24	24	27.2	32.1	27.1	25.2	26.6	33.4	23.2	93	96	83	62	84	90	84.7	
3	58.56	59.35	60.17	57.47	57.97	59.82	58.89	23.9	23.8	28.5	32.6	28.4	24.8	27	33.5	22.8	95	94	78	60	75	89	81.8	
4	59.20	59.84	60.37	57.85	58.07	59.53	59.14	23.1	21.6	27.2	29	27	25.4	25.6	31.6	21.3	97	96	81	76	83	90	87.2	
5	58.44	58.56	59.73	56.71	56.63	58.29	58.06	24	24	27.2	30.4	26.5	24.4	26.1	31	22.7	91	90	81	68	76	92	83	
6	57.23	57.78	59.17	56.62	56.86	57.83	57.58	24	23.2	27.2	30	25.8	23.5	25.6	30.7	22	96	97	78	59	78	96	84	
7	57.24	57.81	58.66	55.85	56.04	57.18	57.13	22	20.6	27	30	25.8	25	25.1	30.2	20.4	92	98	73	63	81	83	81.7	10.2
8	56.71	57.25	58.69	56.60	57.36	59.09	57.62	23.2	23	26	30.8	26.9	25	25.8	31.3	22.6	95	96	88	67	83	96	87.5	
9	58.40	58.88	60.98	58.77	58.96	60.26	59.38	23.9	23.8	24.1	25.3	24.5	24.3	24.3	27.5	23.2	97	97	95	98	88	98	95.5	10.7
10	59.47	60.34	61.87	59.12	59.68	61.04	60.25	23.2	22.7	26.6	27	24.5	22.6	24.4	28.4	21.8	93	91	73	77	83	90	84.5	
11	60.01	60.56	61.81	59.75	60.05	61.50	60.61	22	21.2	25	26.7	24	22.8	23.6	28.9	21	92	95	83	70	84	89	85.5	
12	60.96	61.72	62.94	61.43	61.77	62.99	61.97	22.2	22	26.2	27.1	23.8	23	24	28	21.5	94	96	69	65	80	84	81.3	
13	61.99	62.82	63.57	61.89	61.47	62.69	62.40	22.4	21.2	25	26.1	24.1	22.1	23.5	26.5	20.8	86	89	76	68	75	88	80.3	1.8
14	61.89	62.04	62.85	59.97	60.31	61.26	61.39	21.1	21.2	23.2	28.9	25	23.6	23.8	28.9	20.5	92	95	90	71	88	90	87.7	67.3
15	59.69	59.97	60.57	59.21	59.31	59.13	59.65	22.4	22.2	23	23.5	22.4	22.2	22.6	24.6	21.2	96	96	94	97	96	96	95.8	33.8
16	57.12	57.15	57.59	55.68	55.97	57.14	56.78	22.2	22.3	26.3	27.1	24.2	23.5	24.3	28	21.3	98	98	86	80	91	94	91.2	
17	56.26	56.84	57.88	55.81	56.76	58.06	56.94	23.1	23	26.6	28.3	26.47	24.8	25.4	29.6	22.4	95	97	85	76	83	89	87.5	
18	57.29	58.36	59.67	57.10	58.27	59.61	58.38	24	23.6	27.6	28	25.4	24.1	25.4	29.8	23.2	95	97	83	80	91	93	89.8	4.6
19	58.15	59.09	60.18	58.36	58.85	60.50	59.19	24	23.5	24.4	24.2	23.8	23.5	23.9	26.1	23	94	97	97	95	97	97	96.2	9.1
20	58.70	59.15	60	57.74	58.09	59.56	58.87	23.4	23.1	24.2	28.6	24.6	23.9	24.6	30	22.5	93	95	97	78	93	96	92	5.9
21	58.60	59.04	60.31	58.14	59.16	60.73	59.33	23.7	23.6	26.4	27.9	24.6	24	25	30.1	22.9	91	94	79	80	95	94	88.8	8.7
22	59.94	60.19	61.51	59.14	59.01	60.78	60.10	23.4	23.1	24.6	25	24.4	23.7	24	26.3	22.6	97	98	95	93	97	97	96.2	43.4
23	59.66	60.22	61.65	59.66	59.42	60.55	60.19	23.3	23.2	23.3	24	23.5	23.2	23.4	24.2	22.6	97	96	97	92	96	96	95.7	24.4
24	59.24	59.99	60.26	58.44	58.49	59.40	59.30	23	22.5	26	28.6	25.4	23.8	24.9	30.1	22.2	97	99	88	79	89	96	91.3	
25	58.16	58.74	59.75	57.83	57.48	58.41	58.40	22.8	22.4	25.4	24.7	24.2	23.4	23.8	30.5	22.2	97	98	88	94	90	92	93.2	24.6
26	57.95	57.54	58.48	56.43	57.21	57.54	57.52	22.6	22.8	25.6	27	24.4	23.3	24.3	28	22.2	98	97	90	80	91	95	91.8	2.6
27	56.69	57.44	58.01	56.44	56.85	57.72	57.19	23.1	22.5	24.1	25.8	23.6	23.6	23.8	26	22.3	97	98	95	88	97	95	95	37.5
28	56.82	57.69	59.29	57.38	58.26	59.66	58.18	23.1	23	26.1	26.4	23.1	22	24	27	21.1	96	95	83	78	89	91	88.7	
29	58.58	58.78	60.34	57.85	59.47	61.38	59.40	21.2	20.8	24.1	25.8	22.6	20.3	22.5	26.6	19.4	96	96	81	70	80	88	85.2	
30	60.43	61.17	62.68	60	68	61.33	62.21	61.42	19.4	19	22.6	22.2	20.4	19.4	20.5	24.1	18.3	90	92	77	72	79	87	82.8
Mean	58.63	59.15	60.24	58.04	58.45	59.71	59.04	22.9	22.6	25.5	27.4	24.7	23.5	24.4	28.7	21.9	94.6	95.6	85.2	77.1	86.9	92.2	88.6	
Total																								304.7

Day.	Wind.														Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		Mean force.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.			Amount.	Form and direction.		Amount.	Form and direction.	
																Upper.	Lower.		Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–12*	*0–10*			*0–10*		
1	N	1	NE	1	Calm	----	NE	2	NW	2	Calm	----	1	10	----------	N.	8	----------	Cu.-N. E
2	Calm	----	Calm	----	Calm	----	SW	1	Calm	----	Calm	----	.2	7	----------	Cu.-N. E	4	----------	Fr.-Cu. E
3	S	1	SE	1	SE	1	N	1	Calm	----	Calm	----	.7	6	----------	S.-Cu. E	4	----------	Fr.-Cu. E
4	Calm	----	Calm	----	N	1	S	1	NE	2	N	1	.8	0	----------	----------	8	----------	Cu. SE
5	N	1	Calm	----	NW	2	NW	2	NW	2	N	2	1.5	10	----------	Cu.-N. N	6	----------	Cu. NE
6	NE	1	Calm	----	N	2	N	3	NE	1	Calm	----	1.2	7	----------	Cu.-N. N	4	----------	Fr.-Cu. N
7	Calm	----	Calm	----	NE	1	NW	3	N	3	Calm	----	1.2	4	----------	Fr.-S. N	4	Ci.	Fr.-Cu. N
8	Calm	----	S	1	S	1	NW	1	NW	2	NW	2	1.2	10	----------	N.	5	Ci.	Fr.-Cu. NE
9	Calm	----	Calm	----	S	1	NW	1	NW	2	NW	3	1.2	10	----------	N.	10	----------	Cu.-N. N
10	N	3	NW	2	NE	2	NE	1	N	2	NW	3	2.2	8	----------	S.-Cu. NE	7	Ci.	Cu.-N. NE
11	NE	1	N	1	N	1	NW	3	NW	2	Calm	----	1.8	8	----------	S.-Cu. N	7	Ci.	Cu.-N. N
12	Calm	----	Calm	----	NNE	3	NE	3	NW	3	N	2	1.8	8	----------	S.-Cu. NE	8	Ci.	S.-Cu. N
13	NW	2	NE	2	NE	2	NE	3	NE	1	N	1	1.8	8	----------	S.-Cu. NE	8	----------	S.-Cu. NE
14	Calm	----	Calm	----	Calm	----	W	1	WNW	1	NW	4	1	10	----------	N.	6	Ci.	Cu.-N.ENE
15	NW	2	NW	3	NW	4	NE	3	NW	2	NE	3	2.8	10	----------	N.	10	----------	N. N
16	NW	2	NW	3	NW	2	NW	2	NW	3	NW	3	2.5	10	----------	Cu.-N. NW	8	Ci.	Cu.-N. N
17	NW	3	NW	2	NW	3	NW	2	N	2	NW	3	2.5	6	----------	S.-Cu. N	6	Ci.	Cu. N
18	N	2	NW	2	N	3	N	3	NE	2	N	2	2.3	7	----------	S.-Cu. N	8	Ci.	Cu.-N. E
19	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	0	10	----------	Cu.-N. N	10	----------	N.
20	Calm	----	Calm	----	Calm	----	Calm	----	NW	3	NE	1	.7	10	----------	N.	7	Ci.-Cu.	Cu.-N. N
21	Calm	----	Calm	----	N	2	N	2	Calm	----	Calm	----	.7	8	----------	Cu.-N. N	9	----------	Cu.-N. N
22	N	1	Calm	----	N	1	NW	1	N	1	Calm	----	.7	8	----------	Cu.-N. E	10	----------	Cu.-N. E
23	N	1	Calm	----	N	1	Calm	----	Calm	----	Calm	----	.3	10	----------	N.	10	----------	N. N
24	Calm	----	Calm	----	Calm	----	SW	1	Calm	----	Calm	----	.2	8	----------	Cu.-N. N	8	----------	Cu.-N. S
25	Calm	----	Calm	----	Calm	----	Calm	----	N	1	Calm	----	.2	8	----------	Cu.-N.	10	----------	N.
26	Calm	----	N	1	Calm	----	N	2	NW	2	N	2	1.2	8	----------	Cu.-N.	10	----------	Cu.-N. NE
27	NW	2	NW	2	NNW	2	N	2	NW	2	NE	3	2.2	8	----------	Cu.-N. N	10	----------	Cu.-N. N
28	N	4	N	2	N	3	N	4	NW	3	NW	3	3.2	6	Ci.-Cu.	Cu.-N. NE	6	----------	Cu.-N. N
29	N	4	NW	4	NE	3	N	3	NW	2	NW	2	3	10	----------	Cu.-N. N	7	----------	Cu.-N. N
30	N	3	NW	2	NE	2	NE	3	NW	2	NE	1	2.2	7	----------	S.-Cu. N	8	----------	Cu.-N. N
Mean	-------	1.1	-------	1	-------	1.4	-------	1.8	-------	1.6	-------	1.4	1.4	8	----------	----------	7.5	----------	----------

TUGUEGARAO.

(ϕ=17° 36′ N; λ=121° 40′ E; barometer above sea, 23 meters; gravity correction not applied, —1.61 mm.)

DECEMBER, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	60.69	61.24	61.64	59.66	60.16	60.69	60.68	17.8	18	23.4	24.5	21.3	20.4	20.9	25.2	17.3	96	95	74	72	84	91	85.3	------
2	59.57	59.94	61.69	59.82	59.11	60.02	60.02	20.2	20.5	23	23.5	22.2	22.2	21.9	24.2	19.4	95	91	86	80	87	89	88	24.6
3	57.93	58.30	59.88	58.54	59.70	61.29	59.27	22.3	22.5	25.3	28.5	25.3	23.4	24.6	29.6	21.5	94	97	90	75	85	90	88.5	1.5
4	60.45	60.51	61.10	58.77	59.01	60.11	59.99	22.5	22.1	25.5	28.3	24.1	22.5	24.2	28.8	21.6	94	96	88	78	86	94	89.3	------
5	59.79	59.40	60.79	57.76	57.87	59.45	59.18	22.5	22.5	25.1	30.5	26.5	23.5	25.1	31.2	21.8	93	97	87	63	79	93	85.3	------
6	58.86	59.03	60.33	58.01	58.22	59.58	59	22.6	21.1	26.6	29	25.4	23.6	24.7	29.4	21	93	95	80	73	87	91	86.5	------
7	59.11	59.23	60.51	58.13	58.57	59.80	59.22	22.7	21.5	25.4	29.4	25.1	23.5	24.6	30	21.4	93	96	84	70	88	97	88	7.6
8	58.35	58.89	59.98	57.54	57.98	59.33	58.68	23.5	23	26.9	28.8	24.9	24.1	25.2	29	22.6	96	96	85	72	92	95	89.3	16.7
9	57.91	58.89	60.67	58.88	58.91	59.76	59.17	23.6	23.5	24	24	23.6	23.5	23.7	24.5	22.3	97	96	96	94	96	90	94.8	10.4
10	59.41	59.60	60.90	58.28	58.87	60.18	59.54	22.7	22	25.4	30	25.4	23.8	24.9	30	21.8	94	98	87	65	89	95	88	------
11	59.51	59.65	60.50	58.76	59.34	60.60	59.73	23.4	22	26	25.7	24.1	23.6	24.1	26.5	21.8	93	95	84	87	97	93	91.5	58
12	60.04	60.23	61.45	59.33	60	60.54	60.26	21.1	21.4	23.5	24.6	23	22.6	22.7	25.1	20.5	97	97	94	92	97	96	95.3	42.1
13	60.30	60.37	61.70	59.16	59.19	60.09	60.14	22.6	22.2	23.4	27.2	25.4	23.5	24	27.8	21.7	95	98	97	83	89	97	93.2	5.3
14	59.21	59.94	61.04	58.65	59.09	59.83	59.63	22.9	22.1	25.8	28	24.6	24	24.6	28.6	21.6	98	99	86	74	91	96	90.7	5.3
15	58.43	59.24	60.69	57.89	59.15	60.35	59.29	23.5	23.2	26.1	29	24.8	23.2	25	30.2	22.6	97	97	87	72	87	94	89	23.7
16	59.26	58.94	60.74	58.14	58.35	59.26	59.12	22.9	22.5	24.2	25.1	24	23.6	23.7	25.7	22.2	95	97	91	88	96	97	94	19.3
17	58.15	58.60	59.79	56.86	57.55	58.89	58.31	23.1	22.7	25.2	29.5	25.8	25	25.2	30.2	22.4	97	98	91	71	89	92	89.7	------
18	57.64	58.16	59.64	56.57	57.12	58.11	57.87	24	23.9	27	30.3	26.3	24.3	26	30.5	23.3	92	94	86	70	90	94	87.7	8.3
19	56.49	57.61	59.01	56.63	56.86	58.20	57.47	23.3	22.2	26.1	30.4	26.6	25.1	25.6	30.6	21.7	96	96	87	69	87	96	88.5	------
20	57.75	58.50	59.75	57.62	58.57	59.74	58.66	25	24	27.8	28.1	25.4	23.7	25.7	29.3	22.8	93	96	80	77	87	92	87.5	19.5
21	59.40	60.11	61.72	58.80	59.43	60.38	59.97	23.2	23	22.2	22.6	22.4	22.2	22.6	23.8	21.6	96	96	95	95	94	94	95	50.6
22	59.01	59.37	60.17	58.59	58.91	59.61	59.28	22.4	22.5	24.3	25.1	23.4	22.6	23.4	25.1	21.6	94	93	90	83	90	90	90	6.6
23	58.78	59.41	60.16	58.03	58.31	59.05	58.96	21.3	21	25	26.6	24.6	23.4	23.6	27.7	21	97	97	80	80	89	93	89.3	.8
24	58.45	58.85	59.48	57.70	58.45	60.13	58.84	22.8	22	25	26.6	25.4	23.6	24.2	28.2	21.7	95	96	85	87	87	95	90.8	1.8
25	59.15	59.65	61.20	58.69	59.22	60.14	59.68	23.6	22	25.5	28.5	24.7	23.2	24.6	29.6	21.5	91	95	84	67	87	95	86.5	11.7
26	60.25	60.26	61.35	59.81	60.20	61.18	60.51	22.1	21.6	23.5	24.1	23	21.4	22.6	25.7	21	95	95	85	82	96	92	90.8	------
27	60.97	60.91	61.65	59.39	60.66	61.84	60.90	21.3	21.1	24	25.6	22.4	21.7	22.7	25.8	20.6	94	94	79	75	84	87	85.5	------
28	61.36	61.71	63.10	60.91	61.78	62.39	61.88	21.7	21.4	23.2	24.5	21.7	20.6	22.2	25.3	20	85	81	81	72	83	90	82	------
29	61.71	61.41	61.87	59.36	59.57	60.44	60.73	20.4	20	22.7	25.6	23.5	22.1	22.4	25.6	19.6	89	94	81	73	89	95	86.8	2.5
30	59.63	59.56	60.54	58.05	58.51	60.02	59.38	21.8	21.5	23.8	26	25.6	22	23.4	26.2	21.1	96	97	85	77	72	96	87.2	24.6
31	53.94	59.72	61.02	57.87	58.59	60.14	59.38	21.7	21.4	23.8	27.2	26	23.6	24	28.2	21.1	96	96	87	73	84	93	88.2	------
Mean	59.24	59.59	60.78	58.46	58.94	60.04	59.51	22.4	21.9	24.8	27	24.4	23.1	23.9	27.7	21.4	94.4	95.4	86.2	77.1	88.3	93.3	89.1	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	335.9

Day.	Wind.														Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		Mean force.	6 a. m.			2 p. m.			
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.		Amount.	Form and direction.		Amount.	Form and direction.		
															Upper.	Lower.		Upper.	Lower.	
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–10*			*0–10*			
1	NW	2	NW	1	N	2	N	2	NW	3	NE	3	2.2	5	Ci.	S.-Cu. N	8	----------	Cu.-N. E	
2	N	3	NW	1	NNW	2	NW	4	NW	4	NE	3	2.8	10	----------	S.-Cu. N	10	----------	Cu.-N.N	
3	N	3	NE	3	Calm	----	SW	1	Calm	----	Calm	----	1.2	10	----------	Cu.-N. N	7	----------	Cu.-N. S	
4	Calm	----	Calm	----	Calm	----	NE	1	NW	2	Calm	----	.5	10	----------	S.-Cu. N	7	----------	Cu.-N.N	
5	NE	1	NW	1	Calm	----	Calm	----	Calm	----	NW	1	.5	8	----------	Cu.-N. N	7	----------	Cu.-N.E	
6	NW	1	Calm	----	Calm	----	NW	2	NW	1	NW	2	1	9	----------	S.-Cu. N	6	----------	Cu. N	
7	N	2	Calm	----	Calm	----	N	2	N	1	NW	2	1.2	10	----------	N.	6	----------	Cu. NE	
8	NW	2	NE	1	NW	2	NW	2	NW	2	N	1	1.7	6	----------	Cu.-N. N	7	----------	Cu.-N.N	
9	Calm	----	Calm	----	Calm	----	NW	1	Calm	----	Calm	----	.2	10	----------	N.	10	----------	N. N	
10	Calm	----	Calm	----	Calm	----	NW	1	NW	2	N	1	.7	6	----------	S.-Cu.	2	----------	Cu.	
11	NNE	2	Calm	----	NW	2	NW	2	Calm	----	Calm	----	1	10	----------	N.	10	----------	Cu.-N.N	
12	Calm	----	Calm	----	N	1	NW	2	N	2	N	1	1	10	----------	N.	10	----------	Cu.-N.N	
13	NW	1	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	.2	10	----------	N.	7	Ci.-Cu.	Cu. E	
14	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	0	6	----------	S.-Cu. SE	8	----------	Cu.-N. SE	
15	NE	1	Calm	----	NE	1	N	2	N	3	NW	2	1.5	10	----------	N.	4	----------	Cu. N	
16	Calm	----	Calm	----	Calm	----	NW	1	Calm	----	Calm	----	.2	10	----------	N.	10	----------	Cu.-N.N	
17	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	0	5	----------	S.-Cu.	8	----------	Cu.-N. SE	
18	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	0	10	----------	N.	7	----------	Cu.-N. SE	
19	Calm	----	Calm	----	Calm	----	Calm	----	N	1	NE	1	.3	6	Ci.	S.-Cu.	3	----------	Cu.	
20	Calm	----	Calm	----	N	1	NW	2	NW	2	N	1	1	10	----------	S.-Cu.	7	----------	Cu.-N.NE	
21	Calm	----	N	1	Calm	----	NW	2	N	1	Calm	----	.7	10	----------	N. NE	10	----------	Cu.-N. NW	
22	NW	2	NW	2	Calm	----	NNW	2	N	1	NW	2	1.5	10	----------	N.	8	----------	Cu.-N.NE	
23	Calm	----	Calm	----	Calm	----	N	1	NNW	1	Calm	----	.3	6	----------	S.-Cu.	8	----------	Cu.-N.NE	
24	NW	1	N	2	Calm	----	Calm	----	Calm	----	Calm	----	.5	8	----------	Cu.-N. N	10	----------	Cu.-N. NW	
25	Calm	----	Calm	----	Calm	----	NE	1	NW	2	N	3	1	8	----------	Cu.-N. N	8	Ci.	cu.-cu.-n.e	
26	NW	2	NW	2	N	3	N	3	NW	3	N	3	2.7	10	----------	N.	10	----------	Cu.-N.N	
27	NW	2	NW	3	N	2	NNE	2	NW	3	N	3	2.5	10	----------	Cu.-N. N	7	----------	S.-Cu. NE	
28	NE	2	NW	2	Calm	----	NE	3	Calm	----	Calm	----	1.2	10	----------	S.-Cu. N	10	----------	S.-Cu. NE	
29	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	0	10	----------	S.-Cu. N	10	----------	Cu.-N. SE	
30	Calm	----	Calm	----	Calm	----	E	1	Calm	----	Calm	----	.2	10	----------	N.	8	----------	Cu.-N.N	
31	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	0	10	----------	N.	6	----------	Cu. S	
Mean	-----	0.9	-----	0.6	-----	0.5	-----	1.3	-----	1.1	-----	0.9	0.9	8.8	----------	----------	7.7	----------	----------	

APARRI.

[$\phi = 18° 22'$ N; $\lambda = 121° 38'$ E; barometer above sea, 5 meters; gravity correction not applied, —1.57 mm.]

JANUARY, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	60.71	60.13	60.96	58.12	59.29	59.92	59.86	24.2	23.5	26.5	27	25.2	24.5	25.2	27.7	22.8	82	85	75	72	80	86	80	4.8
2	58.05	58.25	59.88	57.21	57.97	58.89	58.38	23.4	23	23.7	25.8	25.5	25.4	24.5	26.3	22.2	93	95	92	90	89	90	91.5	10.1
3	58.08	58.38	59.91	57.74	58.58	58.95	58.61	25.2	25	24	24.3	24.4	24.2	24.5	25.6	22.8	90	90	95	92	88	90	90.8	29.4
4	58.92	59.80	60.96	59.10	60.04	61.68	60	24	23.5	25	27.4	25.4	24.6	25	27.9	22.8	91	94	92	82	90	92	90.2	.8
5	61.01	61.31	62.50	60.32	61.12	61.76	61.84	23.5	22.7	25	26.6	25.4	23.8	24.5	27.5	22.4	94	96	91	80	88	93	90.3	.5
6	60.77	60.96	61.91	59.59	60.45	60.82	60.75	22.8	22.5	24.7	28	25.7	24	24.6	28.6	22.2	93	94	84	74	86	90	86.8	------
7	60.28	60.71	61.10	59.21	59.98	60.94	60.37	22.9	22.2	27.4	27.4	25.8	24.6	25	29.5	21.8	92	95	78	77	88	92	87	------
8	60.33	61.13	62.51	60.93	61.46	62.97	61.56	23.6	22.8	26.8	28.4	26.5	24.9	25.5	29.5	22.3	93	93	74	74	88	91	85.5	------
9	62.91	63.22	64.23	61.58	62.08	63.37	62.90	23.7	22.6	26.8	28.9	26.2	24.9	25.5	30.2	22.3	91	91	78	73	81	84	83	------
10	63.02	63.86	65.29	62.93	63.95	65.67	64.12	23.5	22.8	26.1	28.5	26	25.1	25.3	29.2	22.3	90	91	79	71	79	81	81.3	------
11	65.13	65.44	66.74	63.96	64.43	65.39	65.18	24	22.4	23.6	26.6	25	24.5	24.4	27.3	22.1	86	88	91	79	80	82	84.3	16.3
12	64.16	64.38	65.64	63.86	64.50	65.65	64.70	23.2	23.4	26	26.1	25	24.5	24.7	27.3	22.3	90	88	72	70	74	76	78.3	.3
13	64.07	64.33	65.58	63.04	63.72	64.64	64.23	24	23.8	25.6	26	24.5	24	24.6	26.8	23.3	79	80	78	76	79	81	78.8	2.3
14	63.41	63.26	64.26	61.45	61.91	62.73	62.84	23.8	23.2	25	26.6	24.8	23.6	24.5	27.5	22.2	81	81	78	69	75	81	77.5	3
15	60.97	61.08	62.05	60.20	61.77	62.82	61.48	23.7	24	25.4	23.9	21.6	21.6	23.4	25.9	21.2	77	75	70	81	86	82	78.5	7.4
16	61.60	61.95	63.80	62.13	62.68	64.07	62.70	21.2	21	20.4	21	21	21	20.9	21.9	19.3	78	75	76	70	70	68	72.8	15.7
17	62.80	62.98	64.59	62.13	63.21	64.50	63.37	21.2	20.8	21.9	23.9	21.6	20.5	21.6	24.4	18.8	68	63	62	64	84	86	70.3	.3
18	63.70	63.88	64.97	62.92	63.44	64.74	63.94	20.7	20.6	22.9	22.4	21.6	21.2	21.6	24.7	19	74	68	62	69	70	72	69.2	3.3
19	63.70	64.10	65.52	63.38	63.93	64.63	64.21	19.5	19	20.4	23	21.6	21.2	20.8	23.3	18.5	84	85	86	66	72	75	78	------
20	62.93	63.25	64.33	61.61	62.01	62.58	62.78	21.1	19.7	22.3	24.3	22.5	20.5	21.7	26.2	19.3	77	89	67	62	64	77	72.7	------
21	61.10	61.35	62.86	60.92	60.98	61.13	61.39	19.3	19	21.3	22.6	21.8	20.7	20.8	23.5	18.3	87	88	84	78	79	84	83.3	------
22	60.50	60.70	61.66	58.67	59.58	60.07	60.20	19.9	19.8	24.3	26.1	24.2	23.1	22.9	26.6	19.1	90	90	78	68	74	79	79	------
23	59.15	59.61	60.07	58.77	60.11	61.96	59.94	21.8	20.5	25	25.8	23.5	22.5	23.2	26.8	19.8	86	91	83	78	84	87	84.8	22.9
24	61.98	63.22	64.57	62.83	63.88	65.03	63.58	21.5	19.8	20.9	21.9	21	20.2	20.9	22.5	19	87	90	86	75	77	81	82.7	8.2
25	63.98	64.13	65.90	63.77	63.78	64.54	64.35	20.3	20.2	21.8	22.2	21.5	21.5	21.2	23.4	19.4	81	89	83	83	81	85	83.7	3.8
26	63.68	63.38	64.37	62.12	62.28	63.45	63.21	21.4	21.5	24.3	25	24	23.8	23.3	26.2	20.8	87	90	80	80	81	81	83.2	.3
27	62.37	62.27	63.03	60.69	61.50	62.51	62.06	23.7	23.5	25.2	24.9	23.6	23.7	24.1	26.3	22.3	81	85	81	77	85	85	82.3	4.3
28	61.36	61.51	62.33	59.98	60.71	61.42	61.22	23.5	23	24.2	24	24	24	23.8	25.7	22.3	84	91	90	91	88	85	88.2	1.5
29	60.52	60.41	61.53	59.57	60.17	61.23	60.57	22.8	22	23.1	23	23.9	23.5	23	24.5	21.6	89	89	93	93	84	85	88.8	2
30	60.21	60.41	62.11	59.87	59.93	60.86	60.56	23	21.8	22.6	23.3	22.2	22.1	22.5	24	21.3?	88	93	93	88	89	88	89.8	11.7
31	59.62	58.55	59.31	56.94	57.43	58.82	58.44	20.6	20.2	21.4	22.9	22.5	22.5	21.7	23.2	19.8	92	94	95	86	85	84	89.3	2.9
Mean	61.65	61.85	63.05	60.82	61.51	62.51	61.90	22.5	21.9	24	25.1	23.8	23.1	23.4	26.1	21.1	85.5	87.3	81.3	77	81.2	83.6	82.7	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	151.8

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Mid-night.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	E	E	E	NE	NE	ENE	56.5	54.4	86.1	70	267	10	----------	S.-Cu. E	10	----------	S.-Cu. E
2	NE	NNW	E	NE	ENE	ENE	36	57.3	90.1	120.7	304.1	10	----------	S.-Cu. SE	10	Ci.-S.	S.-Cu. ESE
3	NE	ENE	E	E	E	E	110.7	92	88.9	87.9	374.5	10	----------	N. E	10	----------	S.-Cu. E
4	SE	Calm	SE	ENE	ENE	SE	26.9	60.6	98.6	98.3	274.4	10	----------	S.-Cu. SE	7	Ci.-S.	S.-Cu. SE
5	SE	Calm	E	ENE	E	SE	25.1	87.6	53.7	59.2	175.6	7	----------	S.-Cu. E	8	A.-Cu. S	S.-Cu. SE
6	SE	SE	SE	E	E	Calm	30.3	72.1	60.6	29.3	192.3	10	----------	S.-Cu. SE	4	Ci.-S.	Cu. SE
7	SE	SE	SE	E	Calm	Calm	36.2	57.1	59.5	19.3	172.1	0	----------	----------	7	A.-Cu. S	Cu.-N. SE
8	SE	SE	SSE	NE	E	E	48.6	76.9	68.9	26.4	220.8	0	----------	----------	0	----------	----------
9	SE	SE	S	NE	E	E	50.2	96.3	68.2	89.6	254.3	0	----------	----------	1	----------	Cu. SSE
10	SE	SE	Calm	NE	NE	NE	44.8	31.6	102.4	135.2	314	0	----------	----------	0	----------	----------
11	E	E	ENE	ENE	ENE	ENE	68.2	112	125.5	103	408.7	7	----------	Cu.-N. NE	7	Ci.-S.	Cu.-N. ENE
12	E	E	E	ENE	ENE	ENE	102.4	148.7	163.1	145.8	560	10	----------	Cu.-N. NE	10	----------	Cu.-N. ENE
13	NE	ENE	ENE	ENE	ENE	E	132.6	116.9	156.3	113.2	519	5	----------	Cu.-N. E	8	----------	Cu.-N. ENE
14	E	ENE	ENE	ENE	NE	NE	92.7	63.4	120.2	108.6	384.9	5	----------	Cu.-N. ENE	8	Ci.-S. S	Cu.-N.
15	NE	NE	NE	NE	NE	NE	107.5	107.2	179.9	179.1	573.7	10	----------	S.-Cu. NE	10	----------	S.-Cu. NE
16	NE	NE	NE	NE	NE	NE	176.8	169.5	162.5	176.5	685.3	10	----------	N. NE	10	----------	N. NE
17	NE	NE	ENE	ENE	ENE	NE	154.8	162.2	152.9	129.3	599.2	10	----------	Cu.-N. NE	7	----------	Cu. NE
18	E	ENE	E	ENE	ENE	E	137.1	110	123.9	128.4	499.4	10	----------	Cu.-N. ENE	9	----------	Cu.-N. ENE
19	NE	ENE	NE	EbyN	E	E	77.5	106.2	104	110	397.7	10	----------	N. ENE	10	A.-Cu. SE	S.-Cu.
20	E	SE	SE	ENE	E	E	61.2	49.9	119.1	47.3	277.5	10	----------	S.-Cu. E	7	Ci.-S. S	Cu.-N.
21	SE	SE	SE	SE	SE	SE	88.9	49.3	57.3	38.3	183.8	10	----------	S.-Cu. SE	10	----------	S.-Cu. SE
22	Calm	Calm	SbyE	NE	NE	E	28.4	39.9	96.6	77.2	242.1	10	----------	S.-Cu. SE	1	----------	Cu.
23	E	Calm	SE	NE	NE	NE	34.4	32.8	74.3	78.6	220.1	0	----------	----------	9	A.-Cu. SW	Cu.-N.
24	NE	NE	NE	NE	ENE	ENE	143.5	152.9	145.1	149.4	590.9	10	----------	N. NE	10	----------	Cu.-N. NE
25	ENE	ENE	ENE	NE	ENE	E	160.3	135.8	127.7	111.3	535.1	10	----------	Cu.-N. NE	10	----------	S.-Cu. NE
26	E	E	E	ENE	ENE	ENE	77.9	68.2	123.3	107.8	377.2	10	----------	S.-Cu. E	9	A.-Cu. SE	S.-Cu. E
27	ENE	ENE	ENE	NEbyE	ENE	ENE	82.7	137.8	131	122.6	474.1	10	----------	S.-Cu. ENE	10	----------	S.-Cu. ENE
28	NE	E	E	ENE	ENE	E	114.9	77.9	123.9	90.1	406.8	10	----------	S.-Cu. E	10	----------	N. E
29	SE	SSE	SE	SSE	ENE	E	88.3	43.5	56	75	212.8	10	----------	S.-Cu. SE	10	----------	S.-Cu. E
30	E	S	Calm	NE	NE	E	38.3	25.1	75	43.3	181.7	10	----------	N.	10	----------	Cu.-N. E
31	S	S	S	S	S	W	36.4	68.2	80.7	56.9	242.2	10	----------	N. SSE	10	----------	S.-Cu. SSE
Mean	------	------	------	------	------	------	76.5	84.3	105.3	92.7	358.8	7.9	----------	----------	7.8	----------	----------
Total	------	------	------	------	------	------	------	------	------	------	11,121.3	----	----------	----------	----	----------	----------

APARRI.

[ϕ=18° 22′ N; λ=121° 38′ E; barometer above sea, 5 meters; gravity correction not applied, —1.57 mm.]

FEBRUARY, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.42	58.80	60.41	58.93	58.75	59.99	59.22	22.4	22.5	23.8	24.6	23.4	23.2	23.3	26.3	21.4	88	83	80	72	76	78	79.5	------
2	59.48	59.30	60.09	57.66	57.70	58.60	58.80	22	21.5	24	24.4	23	22.8	23	25.7	21	89	94	86	82	90	89	88.3	1.5
3	58.25	58.52	59.94	58.21	58.22	59.10	58.71	22.2	21.6	22	21.6	20.8	20.8	21.5	23.4	20.3	91	89	87	95	89	94	90.8	14.7
4	58.21	58.10	59.11	56.61	56.38	58.03	57.74	20.8	20.8	23.6	25.8	23	22.8	22.8	26.6	20.3	96	94	86	81	88	86	88.5	------
5	57.54	58.14	59.48	57.21	57.92	59.19	58.25	22.1	20.2	23.5	26.8	24.9	24.5	23.7	27.3	19.8	88	94	88	73	81	79	83.8	------
6	59.01	59.49	60.24	57.06	57.49	58.40	58.62	22.8	21	24.5	28.3	25.5	25.2	24.6	29.2	20.6	84	93	82	63	75	74	78.5	------
7	57.19	57.48	58.45	56.14	56.16	56.84	57.04	22.4	21.5	25.2	26.1	24.7	24.5	24.1	27.4	20.9	86	92	76	71	73	75	78.8	------
8	56.68	57.30	58.58	56.37	57.41	58.98	57.55	23.5	19.7	24.5	26.9	24.8	24.3	24	28	19	77	93	78	58	72	73	75.2	------
9	59.60	60.10	61.71	59.44	59.77	61.37	60.33	21.6	19.7	22.2	26.6	24.2	23.8	23	27.2	19	86	91	81	68	77	80	80.5	------
10	61.26	61.93	63.56	61.47	61.53	63.08	62.14	23	22.4	22.4	24	23.2	23.1	23	24.5	21.5	84	88	89	82	84	85	85.3	15
11	61.99	62.38	63.75	61.87	62.31	63.56	62.64	23.1	23.1	25.1	25.8	23	22.7	23.8	27.3	22.4	86	87	78	75	83	80	81.5	4.3
12	63.02	63.14	64.44	62.33	62.62	63.89	63.24	21.2	20.7	21.1	22.6	21	21	21.3	24.2	19.6	87	91	92	87	91	91	89.8	21.2
13	62.79	62.97	64.18	62.52	63.09	64.80	63.39	20.7	20.5	21	23	20.4	20.8	21.1	23.3	20	94	95	96	79	91	93	91.3	30.8
14	64	64.43	65.46	62.96	62.83	64.18	63.98	20.5	20.5	20.9	23	21.1	21	21.2	23.3	19.6	91	90	88	75	86	86	86	6.6
15	63.29	63.57	64.82	62.26	62.07	63.23	63.21	20.8	20.8	22.1	22.2	22	22	21.6	24	19.8	87	85	83	86	86	86	85.5	.5
16	62.03	62.22	63.56	61.17	60.76	61.86	61.93	22	22	22.8	23.4	22.4	22.5	22.5	24.8	21.2	87	89	94	90	85	85	88.3	24.2
17	60.56	61.01	62.63	59.71	59.85	60.88	60.77	22.6	22.7	22.9	24.4	23.6	23.5	23.3	25.2	22	95	96	96	87	93	94	93.5	6.9
18	59.68	59.76	60.93	58.73	59.17	59.85	59.69	23.2	23.2	23.9	25.6	24	24	24	26.1	22.3	96	95	91	83	90	88	90.5	6.1
19	58.85	59.03	60.06	57.77	58.06	59.17	58.82	23.8	23.5	25.1	27.5	25	24.8	25	27.8	22.9	91	94	90	84	87	85	88.5	2.5
20	58.18	58.25	59.22	56.90	57.53	59.87	58.32	23.6	23	27	27.6	25.6	22.8	24.9	29.3	22.5	93	95	77	80	82	84	85.2	19.8
21	58.55	58.48	59.65	57.29	57.26	59.01	58.37	22.4	22.6	25.3	29.8	26	25.3	25.2	30	21.5	91	90	84	66	85	88	84	------
22	59.04	59.18	60.07	57.37	56.91	58.09	58.44	23.9	23	25.6	27.6	26.2	25.1	25.2	28.8	22.3	92	95	85	80	85	91	88	------
23	57.93	57.98	59.18	56.61	56.87	58.08	57.78	24.4	23.5	27.9	30	26.7	25.5	26.3	31.7	23.2	90	90	68	68	79	83	79.7	------
24	57.38	57.83	59.36	57.19	57.56	58.30	58.02	24.6	24	28	28.9	27	26.2	26.4	29.2	23.4	87	90	74	73	80	85	81.5	------
25	58.68	58.94	60.49	58.35	57.87	59.29	58.94	24.8	23.6	26	28	26	25.6	25.7	29.1	23.2	93	95	88	81	85	87	88.2	18.3
26	58.92	59.53	61.21	58.85	58.43	59.60	59.42	24	22.8	24.3	24.3	24.8	24.3	24.1	26	21.8	95	95	90	91	81	82	89	47.8
27	59.20	59.92	61.56	59.25	59.48	60.86	60.04	23.5	22	22.5	23.4	22.4	22.1	22.6	24.8	21.3	87	95	92	85	86	88	88.8	30.3
28	59.45	60.18	60.92	57.85	57.74	59.87	59.34	21.7	21.4	26	29.5	26.5	25	25	30.3	20.9	90	93	72	55	79	88	79.5	------
29	60.01	60.85	61.99	59.59	60.43	62.31	60.86	24.6	24.4	26.5	27.5	24.5	23.1	25.1	28.1	22.8	90	90	81	78	76	82	82.8	------
Mean	59.63	59.96	61.21	58.89	59.04	60.37	59.85	22.7	22	24.1	25.8	24	23.5	23.7	26.9	21.3	89.3	91.8	84.6	77.5	83.3	84.8	85.2	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	250.5

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Mid-night.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NE	NE	NE	NE	ENE	E	107.8	99.8	122.3	95	424.9	10	----------	Cu.-N. NE	8	----------	S.-Cu. NE
2	E	SE	Calm	EbyN	E	E	38.6	35.7	74.6	57.1	206	10	----------	S.-Cu. SE	10	A.-Cu. SW	Cu.-N.
3	E	NE	NE	NE	ENE	E	58.7	106.2	91.4	54.7	311	10	----------	N. NE	10	----------	N. NE
4	SW	SW	Calm	NE	E	E	49.3	22.5	85.9	69.5	227.2	10	----------	S.-Cu.	5	A.-Cu. S	Cu.-N.
5	E	Calm	SW	NE	N	Calm	33.2	31.9	63.1	27.4	155.6	0	----------	----------	1	----------	Cu.
6	N	NW	S	S	NW	NE	39.4	60	62.8	55.3	217.5	0	----------	----------	0	----------	----------
7	SW	SW	SW	N	N	NE	45.1	37.3	79.5	46.4	208.3	4	A.-Cu. SW	S.-Cu.	0	----------	----------
8	S	S	S	NNE	NNE	NW	43.5	54.2	89.3	126.8	313.8	0	----------	----------	0	----------	----------
9	NW	NW	NW	NE	NE	NE	48.1	51.8	62.2	73.2	235.3	5	----------	Cu.-N. NE	1	----------	Cu.-N.
10	NE	Calm	NE	ENE	NE	NE	48.1	77.4	181.8	154.5	461.8	10	----------	S.-Cu. NE	8	A.-Cu.	Cu.-N. NE
11	ENE	ENE	ENE	NE	E	E	90.7	87.9	99.8	75.6	354	10	----------	S.-Cu. NE	8	----------	Cu.-N. NE
12	E	SW	ENE	ENE	NE	ENE	54.9	90.6	127	117	389.5	10	----------	S.-Cu. E	10	----------	N. ENE
13	E	Calm	NE	NE	NNE	NNE	38.8	72.7	104.3	82.6	298.4	10	----------	N.	10	----------	Cu.-N. NE
14	NE	NE	NE	NE	ENE	ENE	119.9	124.5	136.8	157.7	538.9	10	----------	N.	10	----------	Cu.-N. NE
15	ENE	ENE	EbyN	ENE	ENE	E	133	115.9	144.8	102.4	496.1	10	----------	N. NE	10	----------	S.-Cu. E
16	E	E	NE	NE	NE	ENE	87.5	132.3	144.5	165.1	529.4	10	----------	S.-Cu. E	10	----------	S.-Cu. ENE
17	NE	E	NE	NE	NE	NE	122.9	141.6	137.4	101.4	503.3	10	----------	N.	10	----------	S.-Cu. ENE
18	NE	NE	NE	NE	NE	NE	68.9	154.2	137.6	102.2	462.9	10	----------	N. NE	10	----------	S.-Cu. NE
19	NE	E	NE	NE	NE	E	68.6	47.5	87.7	77	280.8	10	----------	S.-Cu. NE	8	A.-Cu. SE	S.-Cu.
20	E	Calm	SE	E	SW	SW	24.6	59.8	112.7	88.5	285.6	10	A.-Cu. SW	S.-Cu.	7	A.-Cu. SW	S.-Cu.
21	SE	S	S	S	NE	Calm	103.8	107	85.6	28.8	325.2	10	----------	S.-Cu. W	8	Ci.-S. SSW	Cu.-N.
22	NE	Calm	NE	NE	E	Calm	23.6	34.1	101.4	41.8	200.9	10	A.-Cu. SW	S.-Cu.	7	A.-Cu. SW	Cu.-N.
23	E	SE	SSE	NE	N	N	50.5	96	69.2	44.9	260.6	3	A.-Cu. SW	S.-Cu.	1	----------	Cu.-N.
24	S	S	SW	NE	NE	NE	58.5	47	64.7	33.2	203.4	8	A.-Cu. SW	S.-Cu.	6	Ci.-S. SSW	Cu.-N.
25	NW	NW	NW	N	N	N	31.7	38.6	91.1	57.3	218.7	1	----------	S.-Cu.	7	----------	Cu.-N. NNE
26	NE	ENE	EbyN	Calm	NE	NE	104.3	82.1	57.9	103.6	347.9	10	----------	N.	10	----------	S.-Cu. ENE
27	E	NE	NE	E	E	SE	102	115.6	97.9	43.5	359	10	----------	N.	10	----------	S.-Cu. ENE
28	SE	S	S	SSE	E	NE	44.8	104.3	97.2	45.1	291.4	1	----------	S.-Cu.	0	----------	----------
29	N	NNW	NNW	NNE	NE	NE	71.4	80.8	115.9	144.8	412.9	7	----------	Cu.-N. NW	3	----------	Cu. NNE
Mean	------	------	------	------	------	------	65.9	79.6	100.9	81.8	328.3	7.6	----------	----------	6.5	----------	----------
Total	------	------	------	------	------	------	------	------	------	------	9,520.3	----	----------	----------	----	----------	----------

APARRI.

[ϕ=18° 22′ N; λ=121° 38′ E; barometer above sea, 5 meters; gravity correction not applied, —1.57 mm.]

MARCH, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	61.56	62.67	64.02	61.60	62.27	63.48	62.60	22.5	22.6	22.2	23.6	21.7	21.5	22.4	23.9	21.2	77	69	77	69	71	69	72	2.6
2	62.43	62.58	63.89	61.69	61.91	63.19	62.62	21.5	21.4	21.4	21.3	21	21.1	21.3	22.2	19.7	68	65	70	74	80	79	72.7	2.8
3	62.48	62.25	63.02	59.88	60.25	62.23	61.68	20.3	19.8	23.6	26	24.7	22.2	22.8	26.8	19.3	86	90	78	64	68	86	78.7	------
4	61.53	61.98	63.40	61.57	61.41	63.20	62.18	21.3	21.2	24.5	27	24.2	23	23.5	27.7	20.3	93	93	82	72	77	83	83.3	------
5	62.39	62.71	64.04	61.61	61.36	62.83	62.49	22.9	23	23	25.3	23.8	23.1	23.5	25.6	22.3	82	78	79	68	72	77	76	------
6	61.16	61.33	62.43	60.10	59.52	60.32	60.81	23.5	23.5	24.9	24.5	24.1	24.1	24.1	25.8	22.5	75	77	76	79	81	81	78.2	1.1
7	59.45	59.65	60.42	57.65	57.48	58.78	58.90	22.4	22	25.3	26.9	25.2	24	24.3	28	21.7	93	96	84	80	87	91	88.5	------
8	58.52	59.15	60.80	58.66	59.01	61.12	59.54	23.8	23	25.7	27.4	25	24	24.8	28.9	22.7	91	95	86	76	82	85	85.8	------
9	61.03	61.28	62.66	59.95	60.06	60.60	60.93	24	23.9	27	27.9	25	24	25.3	28.3	22.8	81	79	68	64	74	79	74.2	------
10	59.20	59.87	60.70	57.06	58.06	59.82	59.12	22	21.3	26.1	29.6	26.5	25.1	25.1	30.7	20.4	91	94	76	64	77	83	80.8	------
11	59.73	60.28	61.44	58.87	58.87	60.65	59.97	24.5	24.5	27.5	27.3	25	24.2	25.5	27.8	24	82	76	70	72	80	85	77.5	------
12	60.33	60.81	61.92	59.31	58.75	60.27	60.23	23	22.5	27	28	26.6	24	25.2	30	22.3	91	96	77	76	80	83	83.8	------
13	60.68	61.43	62.55	59.69	59.73	61.47	60.92	23.1	22.7	28.3	30.4	27.4	25.2	26.2	30.8	22.5	88	89	64	63	81	88	78.8	------
14	61.22	61.42	61.91	59.61	59.66	61.51	60.89	22.4	22.4	27.3	26.6	25.7	25	24.9	[illegible]	22.1	96	95	78	80	81	83	85.5	------
15	60.48	60.63	61.42	59.11	60.01	61.95	60.60	24.2	24.5	26.6	26.5	25	24.6	25.2	[illegible]	24	85	81	73	74	73	79	77.5	------
16	60.83	61.03	62.17	59.36	59.85	61.92	60.94	23	23.2	27.3	27.6	25.1	24	25	28.5	22.3	90	93	78	76	86	88	85.2	1.8
17	61.51	61.71	63.17	60.80	61.11	62.67	61.83	23.2	23.4	26	25.6	23.7	22.6	24.1	27.1	22.5	88	88	75	79	89	95	85.7	5.3
18	61.51	61.81	62.70	60.30	59.96	61.95	61.37	22.3	23	24.6	26.1	25	24.2	24.2	27.3	22	96	91	87	79	80	80	85.5	------
19	61.10	61.30	61.58	58.60	58.24	59.90	60.12	22.7	22.5	26	30.1	26.9	24.5	25.4	30.8	22	85	90	75	61	90	84	80.8	------
20	58.71	59.66	60.64	58.53	58.82	59.95	59.38	24.1	24	28.3	29	27	25.1	26.2	32.2	23.5	84	83	68	74	83	92	80.7	------
21	59.53	59.91	60.84	58.60	59.31	61.16	59.89	24	24	28.5	30.3	27	25.9	26.6	32.7	23.2	96	95	71	73	81	86	83.7	------
22	61.24	61.89	63.19	60.73	61.09	62.99	61.86	25.2	25.4	28	28.6	26.5	25.2	26.5	29.2	24.8	90	87	70	66	80	85	79.7	.5
23	62.69	63.02	64.96	63.66	63.97	65.44	63.96	24.6	24.4	24.9	24.5	23.6	23.1	24.2	25.6	22.1	83	78	70	71	76	78	76	4.8
24	64.66	65.37	66.34	64.26	64.51	66	65.19	21.3	21	22.5	23.5	22.6	21.3	22	24	20.1	88	87	82	76	73	83	81.5	2.1
25	64.72	64.91	65.70	62.99	62.82	63.90	64.17	21.2	21.8	24.4	25	23.3	22.6	23	25.7	21	84	80	72	72	75	81	77.3	.3
26	63.14	63.16	63.65	60.88	60.50	62.11	62.24	21.8	21.2	26.5	28.6	26.1	24.4	24.8	29.9	20.6	86	89	68	64	74	80	76.8	------
27	61.63	62.06	63.16	60.15	60.76	62.38	61.69	23.1	21.7	27.3	29.1	25	22.6	24.8	29.7	21.3	86	90	73	67	90	90	82.7	.5
28	61.38	61.73	62.12	60.31	60.56	61.76	61.31	22.4	22.4	28	27.8	26.4	24.9	25.3	31	22	91	91	70	74	79	86	81.8	------
29	60.76	61.06	61.56	58.74	58.56	60.26	60.16	23.9	24	27.2	28.5	27	25	25.9	29.1	23.6	88	83	75	74	81	83	80.7	------
30	59.61	59.81	60.61	57.59	57.33	58.68	58.94	24.1	23	28.9	30	27.5	25	26.4	31.2	22.6	91	91	65	64	73	82	77.7	------
31	58.66	58.88	59.30	57.14	57.51	59.08	58.43	23	23.5	28.9	28.4	27	25.8	26.1	31.5	22.3	90	87	65	81	81	85	81.5	------
Mean	61.09	61.46	62.46	59.98	60.10	61.66	61.13	22.9	22.8	26.1	27.1	25.2	23.9	24.7	28.3	22.1	86.9	86.3	74.3	71.8	79.2	83.5	80.3	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	21.8

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Mid-night.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NE	NE	NE	ENE	NE	NE	157.7	152.9	162.7	183.2	656.5	10	----------	S.-Cu. NE	8	----------	Cu.-N.NE
2	E	ENE	E	EbyN	E	E	140.3	112.3	133.6	121	507.2	10	----------	S.-Cu. ENE	10	----------	S.-Cu.ENE
3	SE	Calm	SE	SE	SE	SE	42.1	55.7	106.2	57.3	261.3	10	----------	N. E	8	----------	Cu.-N. SE
4	SE	S	NW	NNE	NE	NE	47.5	56.1	82.7	84.3	270.6	10	Ci.-S. SW	S.-Cu.	8	Ci.-S. SW	Cu.-N.
5	NE	NE	NE	ENE	NE	NE	66.5	75.4	111.8	119.6	373.3	10	----------	S.-Cu. NE	10	A.-Cu. SW	S.-Cu.
6	E	ENE	E	EbyN	ENE	E	125.8	132	98.2	93	449	7	----------	Cu.-N. ENE	10	----------	Cu.-N.ENE
7	E	SW	SE	NE	NE	Calm	42.6	35.6	85.3	44.5	208	7	----------	Cu.-N. SE	1	A.-Cu. SW	Cu.-N.
8	NE	NE	N	NE	NE	NE	37.6	60.6	99	99	296.2	0	----------	----------	1	----------	Cu. NE
9	NE	NE	NE	NE	NE	E	85	81.1	99.5	75.6	341.2	0	----------	----------	1	A.-Cu. SW	Cu.
10	S	S	S	S	N	N	27.7	67.3	96.6	79.9	271.5	0	----------	----------	0	----------	----------
11	N	NE	NE	ENE	NE	E	77.9	56	117.2	102	353.1	8	----------	S.-Cu. NNE	8	Ci. SW	Cu.
12	SE	SE	SE	E	E	Calm	38.6	53	99.3	29.5	220.4	10	Ci.	S.-Cu. SE	0	----------	----------
13	S	S	SE	NE	NE	E	73	67.6	70.8	53.7	265.1	0	----------	----------	0	----------	----------
14	Calm	Calm	ENE	ENE	NE	NE	26.6	77.4	120.1	110.4	334.5	1	Ci.	Cu.-N.	5	A.-Cu.	Cu.-N.ENE
15	NE	NE	NE	NE	NE	ENE	111	138.7	121	86.9	457.6	10	----------	S.-Cu. NE	10	A.-Cu. S	Cu.-N.NE
16	SW	SW	ENE	ENE	E	NE	42.5	67.8	127.9	104.6	342.8	10	----------	Cu.-N. NE	2	A.-Cu. S	Cu.-N.
17	NE	E	E	ENE	ENE	ENE	103.8	100.6	154.3	148.3	507	7	A.-Cu. S	S.-Cu.	10	----------	S.-Cu.ENE
18	ENE	E	ENE	EbyN	E	E	75.6	119.1	113.3	78.9	386.9	10	----------	Cu.-N. ENE	9	A.-Cu. SE	S.-Cu.
19	SE	SE	SSE	SE	SE	SE	74	110.4	95	34.1	313.5	10	----------	S.-Cu. SSE	1	----------	Cu.-N.
20	SE	SE	S	N	Calm	N	58.5	98.8	63.4	43.7	264.4	8	A.-Cu. W	S.-Cu.	1	----------	Cu.-N.
21	N	SE	SE	N	N	N	54.5	96.6	85.3	68.6	305	5	A.-Cu. W	S.-Cu.	0	----------	----------
22	N	N	N	NE	NE	NE	83.7	85.3	88.8	106.5	364.3	2	----------	Cu.-N.	1	Ci.	Cu.-N.
23	NE	NE	NE	NE	NE	NE	165.1	180.2	161.5	162.5	669.3	10	----------	S.-Cu. NE	10	----------	Cu.-N.NE
24	NE	ENE	NE	ENE	ENE	E	154.2	139.7	151.3	123.9	569.1	10	----------	N. NE	10	----------	S.-Cu. NE
25	ENE	E	E	ENE	E	E	103	106.2	128.7	93.9	431.8	10	----------	S.-Cu. E	10	----------	S.-Cu. E
26	Calm	Calm	SE	ENE	E	Calm	29.3	79.5	96.3	24.7	229.8	1	----------	S.-Cu.	2	A.-Cu. SW	Cu.-N.
27	SE	SE	E	ENE	SW	SW	45.7	71.4	110	76.6	303.7	7	----------	S.-Cu. S	1	----------	Cu.-N.
28	S	S	S	N	NE	NE	82.4	87.2	96	95.3	360.9	0	----------	----------	0	----------	----------
29	NE	NE	ENE	NE	NE	E	101.2	69.7	83.4	38	292.3	2	----------	Cu.-N. NE	8	Ci.-S. SW	Cu.
30	SE	SE	SSE	NE	E	S	30.9	78.9	95	53	257.8	0	----------	----------	1	Ci.	Cu.-N.
31	S	S	S	Nbyw	Calm	N	48.3	83.4	94.3	36.4	262.4	0	----------	----------	0	----------	----------
Mean	------	------	------	------	------	------	75.9	90.2	108	84.8	358.9	6	----------	----------	4.7	----------	----------
Total	------	------	------	------	------	------	------	------	------	------	11,126.5	----	----------	----------	----	----------	----------

APARRI.

[ϕ=18° 22′ N; λ=121° 38′ E; barometer above sea, 5 meters; gravity correction not applied, −1.57 mm.]

APRIL, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.98	58.17	58.83	56.29	57.01	58.72	57.83	24.1	23.5	26.6	29.9	26.8	25.9	26.1	30.3	22.9	94	94	90	68	71	77	82.3	------
2	58.31	58.54	59.57	57.84	58.44	60.64	58.89	25	24.4	27.6	29.6	27.2	25	26.5	30.1	23.8	83	87	80	71	83	88	82	------
3	60.05	60.48	61.10	59.50	60.40	62.11	60.61	23.2	23	27.9	29.2	26.9	25	25.9	30	22.1	95	95	75	73	80	88	83.5	------
4	61.28	61.50	62.81	61.25	61.50	63.62	61.99	24.3	24.8	26.6	27	25	24	25.3	27.9	23.5	84	88	74	73	82	88	79.8	------
5	62.87	63.23	64.26	62.83	63.13	64.79	63.52	23.2	23.6	25.5	24.5	24	23	24	25.8	22.8	81	80	76	71	75	81	77.3	0.6
6	63.54	64.01	64.99	63.19	63.33	64.79	63.98	22.5	22	24.8	25	24	23.8	23.7	25.6	21.7	82	86	73	73	78	80	78.7	------
7	64.27	64.46	65.23	63.55	64.15	65.46	64.52	22.9	22.4	25.4	26.6	25	24.2	24.4	27.2	21.9	89	95	77	71	74	78	80.7	------
8	64.20	64.43	64.37	61.46	61.39	63.64	63.25	23.1	22.5	28.2	29.1	26.1	24.5	25.6	30.1	22	84	90	59	63	74	82	75.3	------
9	62.17	62.43	63.21	60.35	60.14	61.61	61.65	22.8	22.2	27.7	29.2	27.2	25	25.7	29.8	20.8	93	98	60	70	75	83	79	------
10	60.96	61.48	62.23	59.93	60.14	61.55	61.05	24	23.4	29.0	30.1	27.6	25.4	26.6	31.4	22.8	90	91	65	68	79	88	80.2	------
11	61.40	62.02	62.81	60.12	60.53	62.45	61.56	24	23.2	29	30.2	27.5	25.4	26.6	31.6	22.8	91	94	69	64	76	84	79.7	------
12	62.32	62.47	63.48	60.84	60.64	62.51	62.04	23.8	22.8	28.6	30.1	27.8	25	26.4	31.5	21.8	90	91	63	69	71	85	78.2	------
13	61.56	61.85	62.70	60.40	60.06	61.45	61.34	23.5	23.5	29.8	28.6	27.7	24.9	26.3	31	22.7	90	84	63	73	73	87	78.3	------
14	60.81	60.97	61.51	59.39	59.41	60.71	60.47	23.7	23.7	29.5	30.6	27.8	25	26.7	32.9	23	90	82	59	65	82	93	78.5	------
15	59.79	59.57	59.91	57.91	58.38	60.22	59.30	24	24	29.7	30.6	28.4	24.8	26.9	31.7	23.5	91	91	67	68	75	89	80.2	------
16	59.25	59.76	60.39	58.50	58.58	60.01	59.42	22.4	23	28.6	30.4	27.1	25.2	26.1	31.2	21.3	95	95	72	66	79	90	82.8	------
17	58.97	58.83	59.65	57.37	57.60	58.91	58.56	23.9	23.4	29	30.4	27.4	26	26.7	31.1	22.8	92	98	71	69	84	92	83.5	------
18	57.08	57.19	58.35	56.20	56.13	57.45	57.07	25.1	24.9	28	30	27.4	24.7	26.7	30.5	24.5	92	92	77	72	81	92	84.3	.8
19	56.39	56.74	58.17	56.13	56.81	58.41	57.11	23.6	24	28.6	29.8	27.3	25.9	26.5	30.6	23.2	95	95	74	69	75	80	81.3	------
20	57.09	57.28	58.12	56.26	56.24	57.47	57.08	24	23.2	28.6	29.4	27.2	25.4	26.3	30	23	91	94	65	69	75	90	80.7	------
21	56.86	57.04	58.11	56.11	56.24	57.68	57.01	24.2	23.5	27.4	29.9	27	25.5	26.2	30.2	22.8	88	92	77	65	77	94	80.5	------
22	57.08	57.45	58.43	56.94	56.54	57.92	57.39	24.7	23.5	27	29	27.5	25.9	26.3	29.7	23	87	94	80	73	76	85	82.5	------
23	56.91	57.15	57.40	55.43	55.75	57.13	56.63	25.1	25.5	27.2	28.9	27.1	25.8	26.6	29.8	24.2	86	88	88	72	81	85	81.7	------
24	56.11	56.78	57.22	55.29	55.89	58.01	56.55	25.2	23.5	27.9	30	27.8	26.1	26.8	30.3	23.3	88	94	74	69	77	88	81.7	------
25	57.51	58.01	59.06	56.60	56.86	58.41	57.74	25.6	25.9	28.2	29.8	27.6	26	27.2	30.4	25.1	91	93	76	69	82	92	83.8	------
26	57.72	59.03	59.74	57.59	58.95	59.89	58.82	24.5	24.4	28.9	30.6	27.9	23.5	26.6	31.3	22.7	94	90	73	74	84	90	84.2	------
27	59.02	59.33	60.09	57.63	57.70	59.63	58.90	22.7	22.2	29.3	31	28.2	26.1	26.6	31.6	21.8	92	93	70	65	77	85	80.3	------
28	58.21	59.13	59.64	57.55	57.71	59.23	58.58	25	24.5	30.6	30.5	28.5	25.7	27.5	32.5	23.4	90	89	63	68	80	90	80	------
29	58.13	58.63	59.15	56.80	57.70	59.44	58.31	24.8	24.5	30.2	30.5	28.2	26.2	27.4	33.1	24	90	91	67	68	82	87	80.8	------
30	58.66	59.03	60.05	57.93	58.80	60.09	59.09	25	24.3	30.4	31.4	27.8	25	27.3	32	24	90	92	66	67	82	90	81.2	------
Mean	59.55	59.90	60.69	58.57	58.87	60.46	59.68	24	23.6	28.2	29.4	27.1	25.1	26.2	30.4	22.9	89.6	90.5	71.3	69.2	78	86	80.8	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	0.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0-10*			*0-10*		
1	N	NNW	N	NE	N	N	47	46.7	71.4	44.1	209.2	7	----------	S.-Cu. NW	0	----------	----------
2	N	NW	Calm	NE	NE	S	59.8	49.6	99	63.9	272.3	10	----------	Cu.-N. SE	0	----------	----------
3	S	SW	SW	NE	N	NE	44.1	47.3	85.3	102	278.7	0	----------	----------	0	----------	----------
4	NE	NE	NE	NE	NE	NE	70.2	149.7	140.3	106.2	466.4	10	----------	S.-Cu. NE	8	A.-Cu.	Cu.-N. NE
5	NE	NE	NE	NE	NE	NE	133.3	123.9	130.4	168.1	555.7	10	----------	S.-Cu. NE	10	----------	S.-Cu. NE
6	E	Calm	E	EbyN	E	E	83.5	44.6	105.4	92.3	325.8	10	----------	S.-Cu. NE	10	----------	S.-Cu. E
7	S	SW	E	EbyN	E	E	45.4	54.4	128.7	107.2	335.7	10	----------	S.-Cu. E	10	----------	S.-Cu. E
8	E	Calm	SE	NE	ENE	E	31.6	80.2	135.2	111	358	0	----------	----------	1	Ci.	Cu.
9	E	SE	S	ENE	E	E	29	64.4	128.7	35.7?	257.8	0	----------	----------	1	A.-Cu. S	Cu.
10	S	S	S	NE	NE	N	73.8	96.4	80.8	51.2	302.2	0	----------	----------	0	----------	----------
11	NW	NW	E	ENE	ENE	E	32.4	56.1	133.6	81.5	303.6	0	----------	----------	0	----------	----------
12	E	SE	SE	ENE	E	E	29.6	67.9	124.5	62.6	284.6	0	----------	----------	0	----------	----------
13	Calm	SE	S	EbyN	E	Calm	30.4	76.6	116.5	46.7	270.2	9	----------	S.-Cu. SE	9	----------	S.-Cu. SE
14	S	S	S	NE	N	N	84.7	127	92.3	50.5	354.5	0	----------	----------	0	----------	----------
15	SW	S	S	NE	NE	NW	77.5?	107.8	96.6	51.2?	333.1	0	----------	----------	0	----------	----------
16	W	Calm	SSE	NE	ENE	E	33.2?	59	139.8?	80.5	312.5	0	----------	----------	7	Ci. SW	Cu.
17	E	SW	E	ENE	ENE	ENE	43.1	40.5	119.1	97.4	300.1	10	Ci.-S. SW	S.-Cu.	8	A.-Cu. SE	Cu.-N.
18	E	E	E	NE	ENE	E	52.9	52.5	124.7	58.1	288.2	10	----------	S.-Cu. E	8	A.-Cu. SE	Cu.-N. E
19	SW	SW	NE	NE	NE	E	41.8	47.3	121.7	67.3	278.1	6	A.-Cu. SE	S.-Cu.	1	----------	Cu.-N.
20	S	SW	NE	NE by N	NE	ENE	48.9	46.1	76.9	62	233.9	0	----------	----------	0	----------	----------
21	NW	WNW	NW	NE	NE	NE	45.6	54.7	77.4	51.8	229.5	7	----------	Cu.-N. NE	0	----------	----------
22	NE	W	NW	N	NE	NE	46.2	54.7	74	55	229.9	1	----------	Cu. NE	0	----------	----------
23	N	NW	NW	N	N	N	51.2	60.4	99	67.6	278.2	1	----------	Cu.-N.	0	----------	----------
24	N	NW	NW	NNE	NNE	NE	53.7	52.5	83.5	47.2	236.9	0	----------	----------	0	----------	----------
25	N	N	N	NE	NE	W	43.3	54.5	87.9	58.5	244.2	7	----------	S.-Cu. N	0	----------	----------
26	W	Calm	NE	NE	NW	S	48.9	42.1	69.7	87.1	247.8	9	----------	S.-Cu. SW	1	----------	Cu.-N.
27	S	S	NE	NE	NE	E	89.3	64.6	95	45.7	294.6	0	----------	----------	1	----------	Cu.-N.
28	S	S	S	NE	Calm	W	42.8	87.5	75.8	52.5	258.6	0	----------	----------	2	Ci.-S. W	Cu.-N.
29	SW	S	S	NE	NW	W	73.5	104.9	80.8	71.1	330.3	0	----------	----------	3	Ci.-S. W	Cu.-N.
30	SW	SW	SE	NE	SW	S	45.3	69.7	83.1	83.5	281.6	0	----------	----------	5	Ci.-S. SW	Cu.-N.
Mean	-----	-----	-----	-----	-----	-----	54.4	69.5	102.6	72	298.4	3.9	----------	----------	2.8	----------	----------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	8,952.2	----	----------	----------	----	----------	----------

APARRI.

[ϕ=18° 22′ N; λ=121° 38′ E; barometer above sea, 5 meters; gravity correction not applied, —1.57 mm.]

MAY, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P. ct.*	*mm.*
1	59.06	59.63	60.93	58.70	58.56	60.04	59.49	24	23.9	29.3	30.5	28	26.2	27	31.4	23.3	90	91	69	70	77	86	80.5	0.3
2	59.03	59.50	60.16	57.70	58.39	60.39	59.20	25.3	23.6	29.8	30	27.6	26	27	31.1	23.3	89	93	69	69	79	85	80.7	------
3	59.13	59.73	60.75	58.75	59.01	60.56	59.66	24	23.4	27.4	30.5	27.7	26	26.5	31	22.9	91	95	79	65	72	82	80.7	------
4	59.08	59.48	60.40	58.64	59.18	60.90	59.61	24.6	24	30	30	27.3	25.9	27	31.5	23.3	91	93	67	69	79	85	80.7	------
5	59.08	59.45	60.23	58.27	58.68	60.06	59.30	24	23.5	28.9	30.5	27	25.8	26.6	30.9	23	93	94	71	67	81	85	81.8	------
6	59.04	59.62	60.26	57.82	57.71	58.97	58.90	24.1	23.6	29.3	31	28	26.1	27	31.3	23.3	94	93	68	65	77	83	80	------
7	57.71	58.15	58.71	56.89	57.08	59.31	57.98	24	23.8	29.5	31.4	29.1	26.6	27.4	32.1	22.8	93	93	70	66	73	87	80.3	------
8	59.20	59.87	60.60	58.68	59.13	60.56	59.67	25.5	25.4	30.5	30.5	27.8	26	27.6	31.2	25.1	91	90	66	64	79	85	79.2	------
9	60.21	60.66	61.25	59.37	59.23	60.64	60.23	25	25	30.3	30.9	28	25.2	27.4	31.3	24.6	88	88	64	69	77	88	79	------
10	59.49	60.10	60.15	57.67	57.37	59.15	58.99	24.1	23.5	30.9	31.9	28.5	26.2	27.5	32.2	22.8	94	91	65	60	75	82	77.8	------
11	58.22	58.71	58.55	56.28	56.42	58.61	57.80	24.9	23.8	31	31.8	29	26.8	27.9	32.5	23.5	84	85	59	66	74	84	75.3	------
12	57.84	58.21	58.40	57.09	57.95	59.39	58.15	24.7	24.4	30.4	31	28	26.2	27.4	32.4	24	87	88	66	66	77	87	78.5	------
13	57.88	58.28	58.41	56.41	57.45	58.56	57.83	24.8	23.6	28.4	29.9	27.2	25.8	26.6	30.9	22.8	93	95	72	69	78	85	82	------
14	56.91	56.98	57.60	55.87	55.99	57.76	56.85	24.5	24	30	30.4	27.6	25.9	27.1	31.6	23.5	91	91	69	66	76	85	79.7	------
15	56.33	56.82	57.64	55.79	56.01	58.74	56.89	24.2	23	29.6	30.8	28.2	25.7	26.9	31.7	22.8	90	91	78	67	76	88	81.7	------
16	58.83	59.02	59.90	57.79	58.19	60.81	59.09	24.9	24.8	30	31.4	29.1	26.7	27.8	32	23.8	91	90	65	64	71	86	77.8	------
17	59.79	59.97	60.78	58.73	58.52	60.61	59.73	25.7	25.6	30.5	32	29	28	28.5	32.8	24.8	93	90	65	63	68	71	75	------
18	59.16	59.41	58.85	56.83	57.31	58.49	58.34	25.3	25	31.1	31.9	28.9	27.2	28.2	34	24.5	88	87	58	64	77	87	76.8	------
19	57.68	57.93	58.31	55.73	56.78	58.44	57.48	25.5	25.4	30	31.5	29.1	27	28.1	34.2	25.2	94	92	71	68	77	87	81.5	3.8
20	57.13	57.43	57.81	56.67	57.11	58.30	57.49	25.1	25	30.6	31.1	23.4	23.6	26.5	33.4	20.6	92	92	70	67	86	86	82.2	57.1
21	57.55	57.88	58.09	56.99	57.51	59.26	57.88	23.7	24	29	31	28.4	24.7	26.8	32.5	23.2	90	90	79	72	75	91	82.8	------
22	58.14	58.53	58.86	57.16	57.76	59.66	58.35	23.9	23.9	27.6	31	28.1	24.7	26.5	31.5	23.3	92	92	77	65	81	86	82.2	------
23	58.85	59.05	59.09	57.13	56.54	58.45	59.18	23.1	23	28.5	31	29.2	25.2	26.7	32	22.7	90	91	70	69	72	90	80.3	------
24	57.94	58.21	58.75	56.96	57.04	58.41	57.88	24.5	25	30.6	31.6	29.8	27.3	28.1	33	24.2	92	87	62	65	75	90	78.5	------
25	58.37	58.48	59.02	56.97	56.67	58.98	58.08	25	25	31.1	32	30.2	27	28.4	32.5	24.5	92	90	61	65	68	84	76.7	------
26	58.28	58.53	58.90	56.58	56.29	58.85	57.90	26	25.8	30.9	31.5	29.8	27	28.5	32.7	25.2	87	84	64	65	63	80	73.8	------
27	57.72	57.88	58.19	55.23	54.81	57.08	56.81	26.2	26.1	31	32.2	30.7	26.7	28.8	33.1	25.8	84	83	62	64	64	85	73.7	------
28	55.96	56.18	56.92	54.77	55	57.51	56.06	25.6	25.4	31	32.5	30.4	28.1	28.8	33.2	25.1	87	87	64	64	72	84	76.3	------
29	56.70	56.72	56.38	54.57	55.32?	57.48	56.20	26.5	26	31.9	31.8	30.4	28	29.1	32.8	25.7	93	92	69	69	78	85	81	------
30	57.08	57.39	57.87	56.47	56.90	58.64	57.39	25.2	25	31	31.5	29	27.5	28.2	32.1	24.8	90	88	67	72	76	84	79.5	3.3
31	57.51	57.67	57.96	56.67	57.08	58.41	57.55	25.6	25.2	30.6	31.6	29.4	27	28.2	32.2	24	93	93	68	66	75	83	79.7	------
Mean	58.22	58.56	59.02	57.07	57.32	59.14	58.22	24.8	24.5	30	31.2	28.5	26.3	27.6	32.2	23.8	90.5	90.3	67.9	66.5	75.1	85	79.2	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	64.5

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	S	S	S	NE	NE	E	72.2	100.9	97.4	104.9	375.4	0	----------	----------	1	----------	Cu.-N.
2	E	SE	NE	ENE	E	E	44.6	54.5	150	90.4	339.5	0	----------	----------	1	----------	Cu.-N.
3	S	Calm	Calm	NE	ENE	E	45.6	40.4	140.6	91.1	317.7	0	----------	----------	1	Ci.	Cu.-N.
4	SE	Calm	NE	ENE	ENE	E	36.2	56.1	161.9	80.8	335	6	Ci. SW	----------	1	----------	Cu.-N.
5	Calm	S	NE	NE	NE	E	39.1	54.5	143.2	103.6	340.4	6	A.-Cu. SE	S.-Cu.	1	----------	Cu.-N.
6	SE	S	NE	NE	ENE	E	40.2	49.3	123.3	81.1	293.9	0	----------	----------	0	----------	----------
7	S	S	NE	NE	ENE	Calm	41.8	70.8	108.6	36.2	257.4	0	----------	----------	1	----------	Cu.-N.
8	S	S	ENE	ENE	ENE	E	30.3	70.3	157.2	106	363.8	2	A.-Cu. SE	S.-Cu.	1	A.-Cu. SE	Cu.-N.
9	Calm	SE	NE	NE	ENE	SE	29	57.4	106.8	73	266.2	7	----------	S.-Cu. SE	1	A.-Cu. SE	Cu.-N.
10	SW	S	E	NE	ENE	E	40	66.2	97.4	45.6	249.2	0	----------	----------	0	----------	----------
11	SE	SE	SSE	NE	ENE	NW	54.1	98.4	104.4	54.1	311	0	----------	----------	0	----------	----------
12	W	SW	S	NE	N	Calm	49.6	85	85.3	43.7	263.6	3	Ci.-S. W	----------	7	Ci.-S. W	Cu.-N.
13	NW	Calm	Calm	NE	NE	NE	35.6	33.8	91.2	50.5	211.1	8	Ci.-S. NW	Cu.	8	Ci.-S. NW	Cu.-N.
14	NW	SW	NW	NE	NE	E	51.3	44.5	116.9	70.3	283	5	Ci.-S. NE	S.-Cu.	2	Ci.	Cu.-N.
15	S	Calm	NE	NE	NE	SE	38.9	62.2	132.5	62.2	295.8	6	Ci.-S. N	S.-Cu.	1	Ci.-S.	Cu.-N.
16	S	S	NE	ENE	E	S	48.3	54.1	118.1	58.2	278.7	0	----------	----------	0	----------	----------
17	S	S	S	NE	E	SE	45.3	76.7	112.7	52.5	287.2	8	Ci.-S. NE	Cu.	6	Ci.-S. NE	Cu.-N.
18	SE	S	SbyE	NE	N	N	65.2	120.5	99.8	58.5	344	0	----------	----------	1	----------	Cu.-N.
19	W	SW	S	ENE	N	N	48.3	79.9	94.3	54.1	276.6	9	----------	S.-Cu. SW	1	Ci.-S.	Cu.-N.
20	W	SW	S	N	E	S	52.3	92.8	125.8	62.5	333.4	0	----------	----------	9	Ci.-S. E	Cu.-N.
21	S	S	S	NE	NE	SE	85.6	88.5	78.3	80.2	332.6	10	Ci.-S. W	S.-Cu.	1	Ci.	Cu.-N.
22	SW	S	S	NE	NE	SW	68.6	91.4	90.7	78.9	329.6	10	A.-Cu. SW	S.-Cu.	7	Ci.-Cu. SW	Cu.-N.
23	S	S	S	NE	E	SE	72.1	113.3	87.9	46.4	319.7	0	----------	----------	9	Ci.-S. E	cu.-N. SSE
24	SE	S	S	NE	N	NW	59.2	81.8	96.6	64.1	301.7	0	----------	----------	1	----------	Cu.-N.
25	NW	Calm	SE	NE	E	SE	43.5	77.5	100.8	49.3	271.1	0	----------	----------	6	Ci.-S. E	Cu.-N.
26	S	S	E	ENE	E	SE	72.1	74.6	128.9	61	336.6	0	----------	----------	8	Ci.-S. E	Cu.
27	S	S	S	NE	E	S	56.6	74.6	109.4	63.1	303.7	0	----------	----------	1	----------	Cu.-N. S
28	S	S	S	NE	E	NW	71.8	96.9	106.2	81.5	356.4	8	Ci. E	Cu.	4	Ci.	Cu.-N. S
29	W	Calm	NE	ENE	NE	NW	33.8	54.4	94.4	61	243.6	10	Ci. E	Cu.	5	Ci. E	Cu.-N.
30	SW	SW	SW	N	N	N	72.2	52.9	121.8	72.6	319.5	10	Ci.-S. NW	Cu.	6	Ci. NW	Cu.-N.
31	W	W	S	NE	NE	NE	43	56	105.2	52	256.2	7	Ci. E	Cu.	5	Ci. E	Cu.-N.
Mean	------	------	------	------	------	------	51.2	71.9	112.5	67.4	303	3.7	----------	----------	3.1	----------	----------
Total	------	------	------	------	------	------	------	------	------	------	9,393.6	----	----------	----------	----	----------	----------

APARRI.

[ϕ=18° 22′ N; λ=121° 38′ E; barometer above sea, 5 meters; gravity correction not applied, —1.57 mm.]

JUNE, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.23	57.51	57.93	56.63	56.99	58.34	57.44	25	25	31	31.4	29.2	26.9	28.1	32.2	24.6	92	92	67	63	75	82	78.5	------
2	56.61	57.27	57.25	55.37	55.95	57.70	56.69	25.1	24.7	29.9	31.4	29.5	27.6	28	32.2	24.5	91	91	65	67	77	86	79.5	------
3	56.63	56.50	56.84	55.91	56.76	57.68	56.72	26	24.9	31	31.9	29.3	27.3	28.4	33.6	24.5	90	92	64	64	76	85	78.5	------
4	56.63	56.89	57.34	56.12	57.06	57.87	56.98	26.4	26	30.5	31.5	27.5	25.1	27.8	32.6	24.8	89	89	65	69	84	91	81.2	------
5	56.69	56.91	56.88	55.39	55.63	57.51	56.50	24.7	25.2	30.8	31.4	30.3	26.1	28.1	34.8	24	92	90	63	66	71	94	79.3	------
6	56.77	56.74	56.28	54.34	54.30	56.44	55.81	25	24.6	30.1	32.1	30.7	28.6	28.5	32.9	24.5	93	92	69	60	67	78	76.5	------
7	55.89	56.25	56.15	53.55	53.92	56.46	55.37	26.5	24.8	30.6	34.5	31.2	28.2	29.3	36.6	24.6	88	93	70	51	73	87	77	------
8	55.40	55.43	55.59	53.61	54.67	56.31	55.17	26.5	26	32	32.8	30	27.3	29.1	34.3	25.6	90	84	57	57	61	75	70.7	------
9	55.59	55.94	55.86	54.21	55.14	56.59	55.56	25.1	25.4	29.9	33.1	30.2	26.9	28.4	33.7	25	88	84	64	52	58	76	70.3	------
10	55.92	56.31	56.54	55.24	54.78	56.14	55.82	25.5	25.3	30.9	27.6	25.7	24.6	26.6	32	24.2	84	85	66	70	81	88	79	0.5
11	55.07	55.53	55.39	53.35	54.04	55.20	54.76	24.4	24.3	29.5	30	26	25.9	26.7	32.2	24	88	89	68	67	84	78	79	6.9
12	53.15	52.85	53.04	51.66	52.26	53.14	52.68	24.4	23.7	27.5	29.3	28.3	25.6	26.5	30.6	23.4	88	94	84	74	78	91	84.8	------
13	51.71	51.94	52.49	51.08	51.96	53.52	52.12	24.8	24.6	29.1	31.6	29	24.9	27.3	31.9	24.2	92	91	74	62	74	91	80.7	42.9
14	52.68	52.70	53.69	52.52	53.78	54.74	53.35	24.2	24.4	30.3	31.6	25	24.8	26.7	32.9	23.8	95	93	73	65	93	92	85.2	58.2
15	53.48	53.60	54	52.78	52.52	55.44	53.64	24.2	24.1	29.9	30.8	30.1	25.5	27.4	33.5	23.6	94	94	75	74	73	92	83.7	13.7
16	52.78	53.14	54.18	52.39	53.36	55.15	53.50	24.5	24.6	29.2	32.6	28.7	28	27.9	32.9	24.2	91	90	75	66	80	82	80.7	------
17	54.06	54.33	55.01	53.16	54.56	56.18	54.55	26.9	26.4	28.8	31.4	25.6	25	27.4	32.9	24.5	85	87	81	70	90	92	84.2	15
18	55.38	55.37	56.65	55.61	55.89	56.96	55.98	24.8	25	26.6	30.2	28.5	26.9	27	30.8	24.2	92	88	87	75	80	88	85	2.5
19	56.92	57.15	57.35	55.92	56.21	56.93	56.75	26	24.9	27.8	29.4	29	26.3	27.2	30.5	24.3	92	91	86	79	81	90	86.5	------
20	56.06	56.01	55.93	54	54.18	56.12	55.38	25.5	24.8	30	32.5	30	26.2	28.2	33.3	24.6	92	93	71	64	78	90	81.3	29.2
21	55.21	55.36	55.43	53.74	54.92	56.99	55.28	25	24.5	29.8	31	26	24.3	26.8	32.2	24	93	94	73	72	90	92	85.7	13
22	55.86	56.05	56.72	56.59	56.66	58.04	56.65	24	23.5	26	27.1	26.6	26	25.5	27.7	23.3	91	94	87	83	86	87	88	------
23	57.13	58.03	58.19	57.73	58.46	59.94	58.25	25.1	25	29.3	31	27.5	25.8	27.3	32	24.5	91	92	72	68	84	90	82.8	3.8
24	59.09	59.43	59.71	58.03	58.87	60.59	59.29	24.6	23.8	29.8	31	30	28	27.9	31.6	23.4	93	91	73	68	73	81	79.8	------
25	59.39	59.79	60.41	59.07	59.26	60.61	59.76	25.9	25	30.7	30	29	27.9	28.1	32.3	24.8	91	93	67	74	72	77	79	------
26	59.16	59.41	59.19	57.98	58.24	59.56	58.92	26.3	25.2	30.3	30.4	29	27.8	28.2	32.6	24.8	86	90	74	76	78	82	81	------
27	58.33	58.03	58.33	56.93	57.63	58.68	57.99	26.1	25	29.7	31.5	29	26	27.9	31.8	24.8	91	93	76	68	75	88	81.8	------
28	58.36	58.48	58.80	57.88	57.88	59.46	58.48	25.1	24.8	29.9	31.5	30	28.3	28.3	31.9	24.3	91	88	72	66	70	78	77.5	------
29	59.44	59.71	59.94	58.90	58	59.99	59.33	26	25.3	30.8	30.3	31	27.2	28.4	33	25	92	93	72	76	73	87	82.2	.5
30	59.31	59.55	59.48	57.62	57.15	59.24	58.72	26	25.4	29.6	32.7	30.9	27	28.6	33.1	25	90	92	75	61	64	84	77.7	------
Mean	56.20	56.41	56.69	55.24	55.70	57.25	56.25	25.3	24.9	29.7	31.1	28.8	26.5	27.7	32.5	24.4	90.5	90.7	72.2	67.6	76.6	85.8	80.6	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	186.2

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Mid-night.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	W	S	S	NE	NE	SW	75.3	80.2	90.4	61.8	307.7	7	Ci.-S. N	Cu.	7	Ci.-S. N	Cu.-N.
2	S	S	S	NE	NE	N	86.9	86.9	104.6	69.2	347.6	6	Ci.-S.	Cu. S	9	Ci.-S. N	Cu.-N.
3	NW	SW	S	NE	NE	NE	66.8	95.5	100.9	58.7	321.9	2	Ci.-S.	S.-Cu.	9	Ci.-S. N	Cu.-N.
4	W	WSW	S	NE	SW	SW	65	74	89.8	45.4	274.2	8	Ci.-S. N	Cu.	9	Ci.-S. N	Cu.-N.
5	SW	S	S	ENE	N	S	66.3	139	90.7	64.7	360.7	8	A.-Cu. SW	S.-Cu.	9	Ci.-S.	Cu.-N. SW
6	SW	S	S	NE	E	NNW	64.2	111.2	86.9	73.7	336	9	Ci.-S. E	Cu.	7	Ci.-S. E	Cu.-N.
7	SW	SW	ENE	SSE	NE	SW	56.5	69.2	98.7	58.9	283.3	9	Ci. E	Cu.	8	Ci.	Cu.-N. S
8	SW	S	sEbyS	ENE	SSE	S	63	92.5	105.9	37.8	299.2	2	Ci.	Cu.	8	Ci.-S.	Cu.-N. S
9	S	S	S	SSE	SE	SE	63.6	108.1	85.9	63.8	321.4	10	Ci.-S. E	Cu.	10	Ci.-S. E	Cu.-N. SSE
10	SE	SE	NE	S	S	SW	35.2	77.4	120.7	60.2	293.5	7	Ci. E	Cu.	10	Ci.-S.	S.-Cu. SSE
11	S	S	S	NE	W	SW	56	67.9	87.9	84.7	296.5	10	Ci.-S.	S.-Cu.	8	Ci.-S. NW	Cu.-N.
12	S	SE	SSW	S	NW	SW	71.8	89.8	62	40.7	264.3	10	Ci.-S.	S.-Cu. S	10	Ci.-S.	S.-Cu.
13	S	S	SSE	ENE	NE	S	76.6	100	60.6	80.5	317.7	8	Ci.-S. NNW	S.-Cu.	10	Ci.-S.	S.-Cu. S
14	S	S	S	ENE	S	S	74.2	81.5	96	56.9	308.6	1	Ci.	S.-Cu.	4	----------	Cu.-N. SW
15	S	S	S	NE	NE	S	46.9	82.3	70.8	74	274	7	Ci.-S. SE	S.-Cu.	10	----------	Cu.-N. SW
16	S	S	SE	S	NNE	Calm	64.2	93.5	86.9	43.5	288.1	10	Ci.-S.	S.-Cu.	10	A.-Cu. W	Cu.-N. SW
17	SE	S	S	ENE	Calm	SW	66.6	106.2	93.3	69.4	335.5	10	Ci.-S.	S.-Cu. SW	6	Ci.-Cu. N	Cu.-N. S
18	S	S	S	S	NE	NE	113.2	118.1	61.5	41.2	334	10	Ci.-S.	S.-Cu. S	10	Ci.-S. W	Cu. S
19	W	SW	SW	EbyN	NE	NW	67.3	45.1	63.1	42.5	218	10	Ci.-S.	S.-Cu. S	10	Ci.-S.	S.-Cu.
20	W	S	SSE	ENE	NW	SW	66.2	100.6	85.3	132.3	384.4	7	Ci. E	Cu.	7	----------	Cu.-N. S
21	W	SW	SSE	NE	SW	SW	45.1	54.1	92	79.5	270.7	9	Ci.-S. E	S.-Cu.	8	Ci.-S. E	Cu.-N.
22	SW	SSE	S	SSE	SSE	S	44.5	80.2	79.2	49.3	253.2	10	Ci.-S.	S.-Cu.	10	Ci.-S.	S.-Cu. S
23	Calm	SSE	SSE	NE	W	W	34.4	86.7	73.8	59.5	254.4	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N. SW
24	W	SW	SSW	NNE	NE	Calm	39.7	59.7	85.3	47	231.7	9	Ci.-S.	S.-Cu.	5	Ci.-S. E	Cu. SSE
25	SW	SW	S	NNW	N	N	52.8	62.5	119.3	49.4	284	7	Ci.-S. S	Cu.	7	Ci.-S. E	Cu.-N.
26	W	SW	SSE	NNW	NNW	N	44.8	73.7	128.1	66.8	313.4	2	Ci.-S.	----------	7	Ci.-S. S	Cu.-N.
27	W	W	NE	NNE	Calm	SW	46.5	45.6	78.4	44	214.5	2	----------	Cu. S	6	Ci.-S. E	Cu.-N.
28	S	S	S	NE	NNE	NE	35.1	78.1	77.2	50.7	291.1	10	----------	S.-Cu. S	6	Ci.-S. E	Cu.-N.
29	SW	SSW	S	NE	NE	E	43.6	42.1	86.6	58.2	235.5	1	----------	S.-Cu.	5	A.-Cu. SE	Cu.-N.
30	SW	SW	S	SSE	E	SE	38.6	92.7	93.6	60.6	285.5	0	----------	----------	1	----------	Cu.-N. SSE
Mean	-----	-----	-----	-----	-----	-----	60.9	83.1	88.5	60.8	293.4	7	----------	----------	7.9	----------	----------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	8,800.6	----	----------	----------	----	----------	----------

APARRI.

[ϕ=18° 22′ N; λ=121° 38′ E; barometer above sea, 5 meters; gravity correction not applied, —1.57 mm.]

JULY, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.58	58.81	58.46	57.12	57.19	59.06	58.20	26	25.4	30.9	32.5	29.6	27	28.6	32.8	24.8	89	88	64	59	77	89	77.7	0.5
2	58.61	58.82	59.36	57.83	57.62	59.21	58.58	25.1	25.2	26.5	30	29.5	27.1	27.2	30.3	24.8	91	90	85	73	75	87	83.5	------
3	58.38	58.74	59.15	57.52	57.44	59.21	58.41	25.8	25.4	30.5	31.9	30.1	27	28.4	32.8	24.1	89	88	70	70	67	81	77.5	.3
4	58.15	58.49	58.16	57.48	57.79	59.12	58.20	26	25.4	29.8	32	27.8	26.1	27.8	32.6	24.8	85	88	72	60	79	85	78.2	------
5	58.34	58.68	58.04	56.78	57.87	59.21	58.15	25	24.5	29.7	31.1	25.5	24.7	26.8	32.4	24	90	92	72	71	88	87	83.3	------
6	59.07	59.40	59.39	58.29	58.72	60.20	59.18	24	23.8	30.5	31.7	26	24.7	26.8	32	23.3	91	91	72	62	81	86	80.5	------
7	59.66	59.77	60.06	58.64	57.89	59.64	59.28	24.1	24	30	31.1	29.5	27	27.6	32	23.3	89	90	71	70	72	84	79.3	------
8	58.44	58.77	58.26	56.48	57.66	58.99	58.10	25.9	24.7	30	31.6	29.2	28	28.2	32.9	24.3	86	91	72	68	72	74	77.2	------
9	58.14	58.34	58.86	57.11	57.58	59.48	58.25	25.1	24.8	29.8	31.9	30	27.4	28.2	33	24.3	91	92	71	69	77	83	80.5	------
10	58.89	59.13	59.74	58.32	58.07	60.09	59.04	25.7	24.6	30.9	31.2	31	26.8	28.4	32.7	24.2	86	90	72	68	67	84	77.8	------
11	58.74	59.04	59.74	58.22	58.15	59.94	58.97	25.2	25	30.9	32	31	27.3	28.6	32.4	24	90	88	67	63	64	82	75.7	------
12	59.01	59.26	59.85	58.17	58.15	59.86	58.97	25.6	25.3	30.3	30.1	30.5	27.2	28.2	32.4	24.8	90	89	67	73	71	88	78.8	------
13	59.01	59.53	60.14	58.29	57.66	60	59.10	25.6	24.8	31.4	32.4	30.2	28	28.7	32.7	24.2	87	88	64	64	70	79	75.3	------
14	58.68	58.94	59.12	57.71	58.07	59.44	58.66	26.4	25	30.8	32.4	25.5	25.3	27.6	34.1	24.7	87	92	68	66	88	89	81.7	3.6
15	58.34	58.06	59.04	57.57	58.08	59.51	58.43	25.2	25.4	30.4	32.3	29.8	27.1	28.4	32.9	24.8	90	88	69	68	78	88	80.2	.5
16	58.46	58.71	59.34	57.71	57.34	59.24	58.47	26	25.4	30.3	31.3	29.5	27.7	28.4	32.2	24.6	90	92	71	67	69	78	77.8	------
17	58.38	58.53	59.00	57.89	57.50	58.63	58.32	25.6	24.8	30.6	30.5	27.2	25.7	27.4	32.1	24.3	88	92	72	74	89	91	84.3	.3
18	57.69	57.62	58.64	57.30	57.66	59.19	58.02	25	25	28	29.4	28.5	26.1	27	30.2	24.3	92	92	83	76	71	85	83.2	------
19	57.89	58.08	58.24	56.52	56.59	58.04	57.56	25	24.5	29.5	31.4	30	27.1	27.9	32.3	24.2	92	94	73	69	66	82	79.3	------
20	57.44	57.49	57.64	55.98	56.63	58.16	57.22	25.9	24.7	29.8	31.5	29.8	28	28.3	32.2	24.3	86	92	73	67	75	81	79	9.1
21	57.06	57.26	57.65	56.06	56.09	57.26	56.90	25.5	25.1	29	31.5	29.5	28	28.1	32	24.6	93	92	78	72	75	82	82	9.1
22	56.03	56.33	56.46	54.54	55.12	56.19	55.78	26.8	25.4	29.5	31.1	29.6	28.3	28.4	31.7	24.3	86	93	79	71	77	80	81	4.1
23	54.62	55.11	54.94	53.50	54.62	55.57	54.73	25.9	25	29.8	31.6	28.7	28.2	28.2	32.5	24.5	91	92	78	68	83	82	82.3	4.6
24	54.76	55.03	55.69	54.98	55.76	56.88	55.52	26.1	25	29.6	30.6	27.4	26.1	27.5	31.2	24.3	91	92	78	75	84	89	84.8	4.8
25	55.58	55.83	56.90	55.98	55.96	57.17	56.24	25	24.5	28.6	28.6	27.6	26.2	26.8	30.9	24	92	92	78	83	86	90	86.8	------
26	55.81	55.95	56.09	54.77	54.85	56.47	55.66	25.2	24.7	29.3	29.5	28	25.6	27	30.2	24.3	92	92	72	76	85	93	85	10.2
27	55.63	55.03	55.10	54.45	54.69	56.61	55.25	25	24.5	28.6	28.4	27.2	24.2	26.3	29.9	24	93	94	80	80	83	93	87.2	10.7
28	56.23	55.58	55.70	54.96	54.97	56.43	55.49	24.2	24.5	27.3	27.9	26.3	25.9	26	29	23.6	93	94	83	81	93	93	89.5	.3
29	55.56	55.60	56.02	54.56	55.16	57.09	55.66	25	25	29.6	32.5	29	27	28	32.7	24.6	95	95	78	69	78	87	83.7	------
30	55.93	56.14	56.03	54.76	55.34	57.04	55.87	26	25.5	30.5	31.9	29.2	27.8	28.5	33.7	25.3	92	94	74	70	76	83	81.5	------
31	56.22	56.53	56.51	55.08	55.31	57.79	56.24	26.2	26	31	31.2	29.5	28.3	28.7	32.6	25.7	92	92	75	71	75	81	81	------
Mean	57.50	57.70	57.98	56.60	56.82	58.39	57.50	25.5	24.9	29.8	31.1	28.8	26.8	27.8	32	24.4	90	91.3	73.6	70.1	77.1	84.9	81.1	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	58.1

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	SE	S	S	ENE	E	E	51.8	82.1	111.6	44.5	290	0	----------	----------	7	----------	Cu.-N. S
2	E	SW	SSW	NE	NE	S	37.8	41.3	55	38.8	172.9	10	----------	S.-Cu. S	9	Ci.-S. E	Cu. S
3	Calm	S	S	NE	E	SE	42.3	79.4	99	53	273.7	0	----------	----------	5	Ci.-S.	Cu.-N. S
4	S	S	SSE	SE	S	S	37.6	104.6	148.7	81.1	372	1	Ci.-S.	S.-Cu.	7	Ci.-S. E	Cu. S
5	SW	S	SbyE	NE	NW	S	71.1	114	116.9	47	349	1	Ci.	Cu.	1	----------	Cu.-N.
6	SW	S	S	NNE	S	S	48.9	46.9	74.8	66.3	236.9	0	----------	----------	8	Ci.-S. E	Cu.-N.
7	SW	SSW	S	NE	NE	SE	46.4	53.6	108.3	62.2	270.5	5	Ci.-S. SE	Cu.	1	A.-Cu. S	Cu.-N.
8	S	S	SE	NE	N	NE	75.9	103	103.3	66	348.2	0	----------	----------	1	----------	Cu.-N.
9	W	SSW	SSE	NE	N	W	47.7	109.4	92.2	65.5	314.8	5	Ci.-S. SE	Cu.	6	Ci.-S. SE	Cu.-N.
10	SW	SW	S	NE	NE	SW	44.8	55.3	77.2	64.7	242	0	----------	----------	1	A.-Cu. SSE	Cu.-N.
11	SW	S	S	NNE	E	SW	56.1	94.6	86.4	52.8	289.9	0	----------	----------	1	A.-Cu. S	Cu.-N.
12	SW	S	SSE	NE	NE	S	54.4	88.2	75.3	61.2	279.1	3	Ci.-S. SE	Cu.	8	Ci.-S. SE	Cu.-N.
13	S	Calm	SE	ENE	NE	SW	40.2	62.3	130.4	66.5	299.4	1	----------	Cu. S	1	Ci.-S. SE	Cu.-N.
14	S	SE	SSE	ENE	SW	SW	62.8	102.4	107.8	47.3	320.3	7	Ci. SE	Cu.	1	Ci.	Cu. S
15	S	S	S	NNE	NW	S	88.8	102.7	103.2	52	346.7	6	Ci.-S. SE	----------	1	----------	Cu.-N. S
16	S	S	S	NE	ESE	E	40.5	91.1	58.2	35.4	225.2	0	----------	----------	10	Ci.-S.	Cu.-N. S
17	SW	SW	NE	NE	Calm	SW	38.6	88.3	63.4	47.2	237.5	7	Ci.-S. S	Cu.	8	A.-Cu. SE	Cu.-N.
18	SW	SW	S	ENE	E	Calm	36	60.4	88.2	40.7	225.3	10	Ci.-S. S	S.-Cu. SE	10	Ci.-S.	Cu.-N. SE
19	SW	S	S	NNE	ENE	E	65.8	65.2	102.7	60.7	294.4	7	Ci.-S. S	S.-Cu.	7	Ci.	Cu.-N. SE
20	SW	S	SW	NE	NE	Calm	47.5	47.2	91.1	49.6	235.4	0	----------	----------	1	Ci.-S. S	Cu.-N.
21	N	SW	Calm	NE	NE	NE	48.6	44.5	86.1	57.9	237.1	2	Ci.	Cu.-N.	8	Ci.-S. E	Cu.-N.
22	NW	SW	Calm	NNE	NE	NW	50.7	40.8	80.3	56.6	228.4	10	Ci.-S.	Cu.-N. NE	7	Ci.-S. SE	Cu.-N.
23	W	S	S	N	NW	NW	60.4	68.9	103.6	59.5	292.4	3	----------	Cu.-N. SE	1	Ci.-S. E	Cu.-N.
24	W	S	Calm	N	W	W	83.7	68.7	98.4	44.5	295.3	10	Ci.-S.	S.-Cu. E	7	Ci.-S. E	Cu.-N. N
25	SW	SSW	S	NNW	NW	SW	76.9	77.2	115.6	59.2	328.9	10	Ci.-S. S	S.-Cu.	10	Ci.-S.	Cu.-N. NW
26	SW	SW	S	NNW	NW	SW	66	84.3	131.7	52.5	334.5	10	Ci.-S. W	S.-Cu.	7	A.-Cu. SW	Cu. NW
27	SW	S	SW	NW	NW	Calm	52.8	64.4	133	52.8	303	8	Ci.-S. S	S.-Cu.	10	Ci.-S.	S.-Cu. NW
28	W	SW	NNW	NNW	Calm	S	51.7	57.7	75.3	42	226.7	10	A.-Cu. SW	S.-Cu. S	10	----------	S.-Cu. SW
29	SW	S	S	NE	N	N	65.7	93.8	86.6	57.6	303.7	7	Ci.-S. S	S.-Cu.	2	----------	Cu.-N. SW
30	SW	S	S	NNE	NE	NW	61.5	68.9	98.7	58.4	277.5	7	Ci. S	Cu.	7	Ci.-S. SE	Cu.-N.
31	SW	SW	S	N	NE	NW	45.7	67.3	88.3	47.5	248.8	10	Ci.-S. S	S.-Cu.	6	Ci.-S. E	Cu.-N.
Mean	------	------	------	------	------	------	54.5	73.5	96.5	54.5	279	4.8	----------	----------	5.5	----------	----------
Total	------	------	------	------	------	------	------	------	------	------	8,649.5	------	----------	----------	------	----------	----------

APARRI.

[ϕ=18° 22′ N; λ=121° 38′ E; barometer above sea, 5 meters; gravity correction not applied, —1.57 mm.]

AUGUST, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.91	57.03	57.41	55.80	57.19	58.76	57.18	27.1	26	30.4	33.5	30	26.4	28.9	34	25.2	87	92	75	66	74	94	81.3	32
2	57.32	57.16	57.18	55.77	56.09	57.85	56.90	25.1	25.4	30.4	31.6	30	27	28.2	33.3	24.5	92	92	76	68	81	89	83	------
3	56.98	57.09	57.11	55.66	55.79	56.94	56.60	26	25.5	31	32.2	30.4	28.3	28.9	32.7	25.2	92	94	72	66	80	84	81.3	------
4	56.86	57.58	57.96	56.85	56.75	58.55	57.42	27	26	31	30	29.6	27.6	28.5	31.4	25.8	84	89	69	75	77	80	79	------
5	56.52	56.93	57.26	55.43	56.16	57.41	56.62	24.9	24.7	28.5	31.4	28	25.8	27.2	32.4	24.3	87	86	80	66	83	88	81.7	4.8
6	56.28	55.32	55.44	54.52	54.86	56.99	55.57	25.3	25	29.6	31	27	26.7	27.4	32.4	24.3	89	88	74	65	86	83	80.8	.5
7	56.23	56.46	56.42	55.23	55.98	57.16	56.25	25.3	25.1	29.1	30.5	29	27	27.7	31.1	24.8	89	88	70	65	71	80	77.2	------
8	56.33	56.78	56.46	54.38	55.64	57.06	56.11	25.5	26	30.6	31	28	26.3	28.1	33	25.5	80	79	67	69	83	86	77.3	11.7
9	55.61	54.55	55.13	53.39	54.17	55.73	54.76	24.7	25	26.4	27.2	25.6	24.3	25.5	27.8	23.8	94	93	92	87	93	91	91.7	31.7
10	53	52.61	53.69	51.98	51.73	52.39	52.57	24	24.3	24.5	26.9	25.4	24.5	24.9	28.1	23.6	93	92	94	82	88	94	90.5	6.6
11	51.15	51.29	51.35	50.52	50.83	53.93	51.51	24	24.5	26.8	26	25	24.3	25.1	27.5	23.6	95	94	86	93	92	92	92	35.3
12	51.46	51.16	51.52	49.94	50.28	51.17	50.92	23.9	23.4	25.5	29.5	27.4	27.2	26.2	30.2	23.2	92	95	93	77	77	77	85.2	3.3
13	50.03	51.18	51.72	51.67	52.44	54.61	51.94	25.9	25.2	28.6	27.4	26.7	25.9	26.6	29.7	24.8	85	90	78	84	88	88	85.5	2.8
14	53.89	53.40	54.24	54.17	54.81	57.26	54.63	25	24.8	28.9	30.4	29.5	26.3	27.5	32.2	24.3	92	92	78	65	79	90	82.7	2.5
15	56.51	57.51	58.21	56.98	56.90	59.16	57.54	25.2	25	30.1	30.4	29.3	25.8	27.6	33.7	24.6	94	95	74	78	80	93	85.7	48.5
16	57.44	57.39	57.04	55.49	55.34	56.91	56.60	25.1	24.8	29.1	27	28	27	26.8	32.6	24.3	92	93	80	85	83	87	86.7	7.3
17	55.01	54.56	54.61	53.07	53.66	55.24	54.36	26.2	25.6	28.7	30.9	28.3	28	28	31.3	25.1	92	93	75	65	70	70	77.5	------
18	53.68	54.18	54.30	53.29	53.91	54.74	54.02	27.8	27.2	28	31	28.5	28.4	28.5	31.6	26.4	67	68	73	59	68	65	66.7	------
19	54.03	54.13	54.76	53.86	54.51	55.64	54.49	26.8	25.3	30.4	31.3	29.5	27.2	28.4	31.8	24.8	71	78	68	64	68	77	71	------
20	54.63	55.51	55.74	54.79	55.84	56.99	55.58	26	26.4	29	31.1	28.5	26.2	27.9	31.8	25.6	81	81	71	64	70	84	75.2	------
21	55.98	56.22	57.49	56.37	57.35	59.71	57.19	26	24.5	29	31.6	29	27.8	28	32	24.3	84	91	74	68	76	82	79.2	------
22	59.16	59.29	59.27	57.68	58.49	60.20	59.02	26.1	25.5	30.6	30.5	29	28	28.3	33	24.7	89	89	74	72	75	79	79.7	3
23	59.69	58.47	58.26	56.60	56.74	58.19	57.99	24.9	24	29.4	30.6	29	25	27.2	32.2	23.8	92	93	77	65	74	95	82.7	37.3
24	57.12	56.18	56.63	55.07	56.53	58.04	56.60	24.9	24.6	29.5	31.1	25	24.7	26.6	32.5	24	94	93	78	73	92	92	87	15.2
25	56.58	56.43	57.97	56.94	58.29	60.26	57.74	24.1	24	28.4	30.7	28	25.1	26.7	31.3	23.7	94	95	77	71	79	92	84.7	------
26	58.98	59.23	60.38	58.42	58.79	59.95	59.28	25.1	24.5	28.9	31	28.7	25.5	27.3	31.7	24.2	92	92	80	69	81	88	83.7	------
27	59	59.04	59.84	57.99	57.48	58.63	58.66	24.3	24.2	30	31	29.7	27.8	27.8	31.8	23.7	91	90	80	71	76	80	81.3	------
28	57.62	57.87	58.89	57.32	57.18	58.77	57.94	25.5	24.6	29.9	31.3	29	27.2	27.9	33	24.3	88	92	72	61	74	81	78	------
29	57.76	57.52	58.35	56.78	56.64	59.01	57.68	24.8	24.1	29.1	32	29.4	23	27.9	32.6	23.8	93	94	74	66	74	77	79.7	------
30	57.23	57.41	58.13	57.35	58.03	59.14	57.88	26	24.5	30.6	30.2	29	27.1	27.9	32.2	24.2	85	92	74	71	74	82	79.7	------
31	59	59.38	59.46	58.39	59.39	60.24	59.31	25.7	24.8	30	31	29	25.8	27.7	32	24.3	88	92	78	72	81	87	83	------
Mean	56.06	56.09	56.52	55.22	55.74	57.31	56.16	25.5	25	29.1	30.4	28.3	26.5	27.5	31.7	24.5	88.3	89.8	76.9	71	78.9	84.7	81.6	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	242.5

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Mid-night.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NW	SW	S	NNE	N	SW	45.3	72.6	104.4	70.8	293.1	10	Ci.-S. S	Cu.-N.	8	Ci.-S.	Cu.-N. SW
2	SW	S	S	N	N	SW	60.7	87.5	89.9	81.6	319.7	10	Ci.-S. E	Cu.	10	Ci.-S. E	Cu.-N.
3	SW	S	SSE	N	NE	S	51.8	86.6	75	59.5	272.9	10	Ci.-S. E	S.-Cu.	9	Ci.-S. E	Cu.-N.
4	S	S	S	N	NW	SW	60.9	80.3	84.2	62.2	287.6	10	Ci.-S. E	Cu.-N.	10	A.-Cu. W	S.-Cu.
5	S	S	S	N	SW	Calm	142.4	98.4	93	43.3	377.1	7	A.-Cu. E	S.-Cu.	6	Ci.-S. E	Cu.-N.
6	SW	SSW	S	N	W	W	86.1	132.3	96.5	41.5	358.4	10	Ci.-S.	S.-Cu. SW	8	Ci.-Cu. W	Cu.-N. SW
7	SW	S	SW	SW	W	SW	67.6	120.9	115.1	52.1	355.7	10	Ci.-S. E	S.-Cu. SW	10	Ci.-S.	S.-Cu. SW
8	SW	SW	SW	N	NW	SW	64.1	111.3	87.2	96.6	358.2	10	Ci.-S.	S.-Cu. W	9	Ci.-S.	Cu.-N. SW
9	W	S	SW	SW	S	SW	93.9	72.4	91.7	74	332	10	------	N.	10	------	S.-Cu. W
10	S	S	S	S	S	S	89.5	169.5	159.9	147.5	566.4	10	A.-Cu. W	S.-Cu.	10	------	s.-cu.wsw
11	S	S	SSW	S	S	SW	152.9	147.5	100.6	62.6	463.6	10	Ci.-S.	s.-cu. wsw	10	Ci.-S.	s.-cu.wsw
12	S	SSE	SSE	S	SW	SW	68.6	80.2	125.5	115.3	389.6	10	------	N.	10	A.-Cu. W	s.-cu.wsw
13	S	SSW	SSW	S	Calm	S	76.6	91.4	74.3	35.7	278	10	Ci.-S.	s.-cu. wsw	10	Ci.-S.	s.-cu.wsw
14	SW	S	S	WSW	N	S	87.4	130.4	100.6	35.9	354.3	10	A.-Cu. SW	S.-Cu.	10	A.-Cu. SW	S.-Cu.
15	S	SSE	S	NW	NE	E	56.3	91.9	84.7	45.6	278.5	10	Ci.-S. SE	Cu. S	9	Ci.-S.	Cu.-N. SW
16	S	S	S	N	NE	SSE	49.9	91.2	71.1	49.6	261.8	10	Ci.-S. SE	Cu.	10	------	Cu.-N. SW
17	SW	S	S	SW	SW	SW	102.8	147.3	155.8	195	600.9	10	Ci.-S.	S.-Cu. E	10	Ci.-S.	S.-Cu. SW
18	SW	S	S	SW	SW	SW	160.9	124.5	167.6	143.8	596.8	10	Ci.-S.	S.-Cu. SW	10	A.-Cu. W	S.-Cu. SW
19	S	S	S	SW	W	SW	104.9	126	138.4	115.7	485	10	Ci.-S.	S.-Cu. SW	10	Ci.-S.	S.-Cu. SW
20	S	S	SSW	SW	W	SE	89.6	89	109.6	75.4	363.6	10	Ci.-S.	S.-Cu. SW	10	Ci.-S.	S.-Cu. SW
21	S	S	S	S	NE	NE	76.6	107.8	73	46.4	303.8	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu. SW
22	W	W	SSE	N	NE	NE	40.4	59	86.3	66.5	252.2	10	Ci.-S. E	S.-Cu.	7	Ci.-S. E	Cu.-N.
23	S	S	S	N	NE	SE	66.2	95.3	94.3	59.8	315.6	7	Ci.-S. E	Cu.	7	Ci.-S. E	Cu.-N.
24	SE	S	SSE	N	SE	S	63.8	131	73.4	46.9	315.1	8	Ci.-S. NE	S.-Cu.	10	Ci.-S.	Cu.-N. SW
25	S	S	S	ENE	N	Calm	125	85.9	81.5	51.3	343.7	9	A.-Cu. W	S.-Cu.	7	Ci.-S. E	Cu.-N.
26	S	SSE	S	NE	NE	W	68.1	94.8	75.8	59.2	297.9	7	Ci.-S. SE	Cu.	2	Ci.-S. SE	Cu.-N.
27	SW	SW	S	NE	NE	NE	53	57.4	67.4	42	219.8	7	Ci.	Cu.-N. E	8	A.-Cu. E	Cu.-N.
28	SW	S	S	NNW	N	NW	69.4	88.5	64.6	49.4	271.9	0	------	------	1	------	Cu.-N.
29	W	SW	SE	ENE	NE	NE	52.8	88.8	97.9	59.5	299	0	------	------	1	------	Cu.
30	W	S	S	N	NE	W	69	49.4	70.2	51.8	240.4	0	------	------	6	Ci.-S.	Cu.-N.
31	W	W	SW	NE	NE	W	56.3	56.9	75.9	48.1	237.2	2	Ci.-S. SE	Cu.	7	Ci.-S. SE	Cu.-N.
Mean	------	------	------	------	------	------	79.1	98.9	96.4	70.4	344.8	8.3	------	------	8.2	------	------
Total	------	------	------	------	------	------	------	------	------	------	10,689.8	----	------	------	----	------	------

APARRI.

[ϕ=18° 22′ N; λ=121° 38′ E; barometer above sea, 5 meters; gravity correction not applied, —1.57 mm.]

SEPTEMBER, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.89	59.98	60.71	58.93	58.64	59.78	59.66	24.8	24.8	29.4	29.5	29	26.5	27.3	30.6	24.3	92	90	76	76	78	88	83.3	2.5
2	58.74	58.62	58.60	57.01	56.54	56.81	57.72	25.6	24.5	29.1	29	28	27.6	27.3	29.9	24.3	91	94	74	81	83	84	84.5	50.8
3	55.50	54.78	54.22	52.66	52.13	51.66	53.49	25.6	26	28.3	29	27	27	27.2	29.5	25	95	92	82	78	84	84	85.8	107.7
4	47.79	44.41	43.07	43.01	45.19	48.74	45.37	26.1	23.5	23.4	23.5	23.6	23.7	24	26.9	23.1	88	94	96	92	93	92	92.3	107
5	49.90	51.43	54.02	53.87	55.08	56.41	53.45	23.6	23.8	27	28.4	26.2	25	25.7	29.2	22.8	91	88	77	75	85	90	84.3	------
6	56.02	55.95	57.78	56.20	56.41	58.66	56.84	24	24	26.7	30.4	28.2	26.2	26.6	31.8	23.6	93	91	82	63	85	89	83.8	------
7	57.49	57.69	58.66	56.89	58.38	59.91	58.17	25.2	24.8	29.6	30.5	25	24	26.5	31.7	23.8	90	92	77	68	92	95	85.7	------
8	58.78	58.63	59.08	57.64	57.39	58.94	58.41	24.1	23.5	27.2	28.6	27	25.2	25.9	29.8	23.2	92	94	78	73	87	95	86.5	8.4
9	58.01	57.93	58.64	56.86	57.62	58.91	58	24.8	24.3	27.9	29.5	27.6	26.4	26.8	30.1	24	93	96	84	78	84	89	87.3	------
10	57.92	58.07	58.87	56.69	57.12	58.67	57.89	24.3	24	29.5	31.5	29.2	27	27.6	32.4	23.8	94	95	75	72	81	86	83.8	------
11	58.16	58.46	58.93	56.79	56.78	59.09	58.04	25.5	25.3	29.8	31.1	30	27.5	28.2	32.5	24.8	92	93	73	69	75	85	81.2	------
12	58.69	59.09	59.85	58.28	58.04	59.79	58.96	26.1	25.4	30.3	31.5	29.5	27.3	28.4	32.4	25.1	89	90	73	70	81	84	81.2	------
13	58.66	58.83	59.09	57.53	57.22	58.69	58.34	25.4	24.5	29.8	30.5	28.6	27.1	27.6	31.8	24.3	90	92	75	73	76	83	81.5	------
14	57.58	57.73	58.38	56.87	56.56	57.86	57.50	26	24.5	27	29	27.4	26.4	26.7	30.3	24.3	85	92	86	78	81	86	84.7	------
15	56.61	56.61	57.61	55.41	56.51	58.28	57	25.2	25	29	29.5	26.6	25.1	26.7	29.8	24.5	92	92	75	77	84	91	85.2	1.6
16	57.60	57.84	58.84	56.87	57.74	58.96	57.98	24.7	23.5	29.4	31	27.1	25	26.8	31.3	23.3	91	94	71	67	88	88	83.2	1.8
17	57.65	57.35	58.06	56.21	56.33	57.86	57.24	23.7	23.4	28.6	29.5	28	25.1	26.4	30	22.8	91	91	75	68	79	91	82.5	2.8
18	56.53	55.88	57.16	55.66	55.91	56.94	56.35	24.5	23.6	26.4	28.4	27.8	27	26.3	29.3	23.3	91	93	87	77	82	83	85.5	.8
19	56.16	55.70	56.43	55.26	55.74	57.25	56.09	24.9	24	27.8	29.5	28.4	28	27.1	30.3	23.8	92	95	77	73	78	79	82.3	------
20	56.61	56.58	57.36	55.51	55.23	56.84	56.36	25.3	24.2	28.3	30	29	28.1	27.5	30.8	23.8	91	95	72	74	81	84	82.8	------
21	55.83	54.96	55.71	53.74	53.74	55.65	54.94	25.6	24.5	30.4	30.2	29.2	27.8	28	30.9	24.3	90	91	72	75	82	82	82	------
22	54.31	54.20	55.09	53.16	53.83	55.23	54.30	26.3	24.6	29.4	28.9	27.1	25.9	27	30.1	24.3	86	93	74	80	87	91	85.2	25.2
23	53.45	53.27	53.91	51.82	52.23	52.42	52.85	25.3	26	28.9	30	26.4	25.2	27	31	24.5	93	90	83	82	92	97	89.5	21.7
24	51.15	50.50	50.93	48.95	49.47	51.06	50.34	25	24.8	28.4	30.5	28.2	25.9	27.1	30.9	24.3	93	95	80	72	83	91	85.7	2.3
25	50.50	50.12	51.36	49.98	51.36	53.17	51.08	25.2	25.8	26.5	26.5	26.1	25	25.8	27.3	24.6	95	95	91	90	93	93	92.8	7.1
26	52.76	53.29	55.01	53.56	54.71	56.43	54.29	24.7	24.6	25.4	26.9	26.7	26	25.7	28.3	24.4	94	95	91	89	85	85	89.8	10.5
27	55.83	55.82	57.32	54.96	55.66	57.38	56.16	24	23.9	27.8	30	27.2	24.8	26.3	30.4	23.4	95	96	83	75	86	93	88	10.6
28	56.34	56.40	57.18	55.49	55.86	57.11	56.40	23	22.9	27.6	28.6	27.5	25	25.8	29.6	22.1	91	92	80	73	79	92	84.5	12.6
29	56	55.90	56.99	55.43	56.16	57.16	56.27	24	23.9	25.4	26.8	25	25	25	27.3	23.2	95	96	96	90	97	95	94.8	98.8
30	56.38	56.35	57.28	55.77	56.44	59.01	56.87	23.5	23.9	28	30.7	27.3	25.3	26.4	31	23.2	96	96	82	70	87	91	87	------
Mean	55.89	55.75	56.54	54.96	55.33	56.82	55.88	24.9	24.4	28.1	29.3	27.5	26	26.7	30.2	23.9	91.7	93.1	79.9	75.9	84.3	88.5	85.6	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	472.2

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Mid-night.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	SW	SW	Calm	NE	E	E	44	39.7	61.7	35.7	181.1	10	Ci.-S.	S.-Cu. E	7	A.-Cu. SE	Cu.-N.
2	SW	SW	SW	N	N	N	46.7	37.3	55.7	56.3	196	5	Ci.-S. SW	Cu.	5	----------	Cu.-N. E
3	W	Calm	NW	N	N	NW	54.9	91.5	123.6	211.1	481.1	8	Ci.-S.	Cu.-N. E	10	A.-Cu. NE	Cu.-N.
4	NW	W	SW	S	S	S	364.4	395	443.3	[a]68.4	1,271.1	10	----------	N.	10	----------	N.
5	S	S	S	S	S	S	------	------	115.9	63.8	------	10	----------	S.-Cu.SSW	10	----------	S.-Cu. SSW
6	S	SSE	SE	SSE	Calm	E	65.8	88	87.5	40.4	281.7	10	----------	S.-Cu. SW	9	A.-Cu.	S.-Cu. SW
7	Calm	E	SE	NE	S	S	31.1	58.7	89.3	67.6	246.7	7	A.-Cu. E	S.-Cu.	5	Ci.-S. E	Cu.-N.
8	W	SW	W	N	NNW	NW	39.2	42.1	79.5	59.5	220.3	10	Ci.-S. E	S.-Cu.	9	A.-Cu. ENE	Cu.-N.
9	NW	W	Calm	NE	NE	NE	40.5	41.8	76.9	48.3	207.5	8	Ci.-S. SW	S.-Cu.	5	Ci.-S. E	Cu.-N.
10	S	S	S	NE	Calm	NE	88.5	96.6	65.2	33.6	283.9	1	Ci.	Cu.	5	Ci.	Cu.-N. S
11	SW	S	SE	ENE	NE	SE	39.9	81.8	67.6	44.9	234.2	10	Ci. SE	S.-Cu.	1	Ci.	cu.-N. SSE
12	SE	SE	SE	NE	NE	E	40.5	58.7	65.2	57.1	221.5	7	Ci.-S. SE	Cu.	8	Ci. E	Cu.-N. S
13	SW	S	Calm	NE	NE	E	47.3	48.3	95.6	68.1	259.3	3	Ci.	Cu.	3	----------	Cu.-N. S
14	SW	SW	SW	E	NE	SE	40.4	31.7	52	46.1	170.2	10	Ci.-S. S	S.-Cu.	10	Ci.-S.	S.-Cu. SE
15	SE	Calm	SE	E	E	E	31.6	43.3	91.7	42.6	209.2	10	Ci.-S.	S.-Cu. SE	10	Ci.-S.	Cu.-N. SE
16	SW	Calm	SE	NE	S	S	36	67	65.7	72.1	240.8	5	Ci.-S. NW	Cu.	8	----------	Cu.-N. SE
17	SE	S	S	NE	Calm	SW	72.7	61.8	63.1	48.6	246.2	2	Ci.-S. N	S.-Cu.	1	----------	Cu.
18	W	SW	Calm	N	NW	NW	48.9	47	93.9	102.8	292.6	10	Ci.-S. NW	Cu.	10	Ci.-S. E	Cu.-N.
19	SW	W	NW	NW	NW	NW	55.8	73	149.9	170.4	449.1	7	Ci.-S. N	S.-Cu.	7	Ci.-S. N	Cu.-N.
20	NW	W	NW	NW	NW	NW	41.2	59.5	140.6	172	413.3	7	Ci. SE	Cu.	0	----------	----------
21	W	Calm	W	NW	NW	NW	43.3	34.1	190.7	105.7	373.8	8	Ci.-S. S	Cu.	2	Ci.	cu.-N. NW
22	W	W	NW	NNW	NW	NW	37	98.8	167.6	61.2	364.6	7	Ci.-S. SE	Cu.	10	----------	S.-Cu. N
23	NW	N	NE	ENE	Calm	Calm	110.7	75.6	69.5	32.5	288.3	10	Ci.-S. E	Cu.-N. NE	10	Ci.-S.	S.-Cu. E
24	W	SSW	S	NE	E	SW?	68.2	92.7	68.2	58.1	287.2	10	Ci.-S. E	Cu.-N. S	10	Ci.-S. E	Cu.-N. S
25	SE	Calm	S	S	SW	Calm	33.3	49.9	76.9	49.9	210	10	Ci.-S.	S.-Cu. S	10	Ci.-S.	S.-Cu. S
26	S	S	S	E	NE	Calm	38.3	52.1	43.7	34.8	168.9	10	Ci.-S.	S.-Cu. S	10	Ci.-S.	S.-Cu. S
27	SW	SW	SW	NE	NE	SW	68.1	44.3	60.4	83.4	256.2	10	----------	S.-Cu. S	7	A.-Cu. SW	S.-Cu.
28	W	SW	SW	N	NE	W	66.3	36.7	61.5	53.7	218.2	10	Ci.-S.	S.-Cu. S	8	A.-Cu. E	S.-Cu.
29	SW	SW	S	ENE	NE	SE	47.5	50.5	105.7	58.9	262.6	10	----------	Cu.-N. NE	10	----------	cu.-N.ENE
30	NE	SW	S	ENE	E	W	64.9	59.8	88.8	40.4	253.4	10	----------	N. NE	7	Ci.-S.	Cu.-N. S
Mean	------	------	------	------	------	------	62.3	70.9	100.6	69.6	303.1	8	----------	----------	7.2	----------	----------

[a] 5 hours missing.

APARRI.

[$\phi = 18°\ 22'$ N; $\lambda = 121°\ 38'$ E; barometer above sea, 5 meters; gravity correction not applied, —1.57 mm.]

OCTOBER, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a.m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	mm.
1	58.26	57.94	59.16	57.61	58.44	59.89	58.55	25.1	24.8	29	30.1	28.1	25.8	27.2	30.7	24.3	91	93	79	74	78	92	84.5	20.1
2	59.01	58.60	59.41	57.76	58.18	59.26	58.70	25	24.5	28	26.5	26.5	24.9	25.9	29.3	23.9	93	94	82	89	88	92	89.7	14.7
3	57.52	58.24	59.40	57.71	58.30	59.31	58.41	24.7	27	27.9	28.8	27.6	27	27.2	30.1	24.2	94	80	79	73	77	78	80.2	.5
4	58.13	58.69	59.57	57.56	57.71	58.93	58.43	26.3	26.5	26.2	25.8	26.2	25.7	26.1	27.5	24.1	82	80	85	89	85	86	84.5	56.5
5	58.09	58.71	59.89	58.15	57.87	58.65	58.56	25.2	21.9	22.1	22.8	24.1	24	23.4	26.1	21.3	90	96	96	98	96	97	95.5	227.7
6	57.53	58.01	58.98	57.13	57.28	58.82	57.96	23.1	22.8	24.2	25	25	24	24	25.9	22.5	96	97	96	92	95	95	95.2	1.8
7	58	58.34	59.54	57.34	57.55	59.66	58.40	23	23	27.4	28.8	27.2	26	25.9	29.9	22.5	95	95	86	80	83	85	87.3	------
8	58.86	59.09	59.76	57.69	58.31	59.37	58.85	24.6	23.6	28.3	28.9	27.5	26	26.5	29.5	23.3	92	93	81	78	82	90	86	4.8
9	57.97	58.12	58.92	56.73	56.41	57.53	57.61	25	25	25	24.8	25	24	24.8	26.3	23.8	95	95	95	98	97	96	96	110.5
10	56.02	55.63	57.30	55.41	55.91	56.79	56.18	24.1	23.5	24.5	26	25.8	24.6	24.8	26.3	23.2	96	97	92	90	88	92	92.5	12.9
11	57.05	57.60	59.17	56.95	57.64	59.27	57.95	24	24.5	28.1	30.1	28	26.1	26.8	30.8	23.5	85	82	77	70	80	88	80.3	------
12	58.08	58.48	59.29	57.41	58.11	59.66	58.50	24.8	24	29.3	29.5	27.5	26.4	26.9	30.1	23.8	93	95	75	73	81	84	83.5	25.9
13	59.23	59.51	60.49	58.71	59.10	60.74	59.63	24.5	24.7	27.6	29.4	27.7	26.3	26.7	30.2	24.1	96	96	85	75	82	86	86.7	9.1
14	59.62	59.80	60.81	59.03	58.91	60.44	59.77	25	24.9	28	28	26	25.8	26.3	30.1	24.3	92	92	81	82	87	87	86.8	.5
15	59.01	59.20	59.64	57.19	57.76	59.16	58.66	24.5	24	27.6	29.9	26.2	26	26.4	30.9	23.8	92	95	80	75	90	92	87.3	1
16	57.74	57.86	58.88	56.81	57.53	58.71	57.92	25	25	26.5	28.3	25.7	25	25.9	28 8	24.4	93	95	87	78	89	92	89	5.1
17	57.88	57.57	58.01	56.28	56.83	58.57	57.52	24.8	24	25.1	25.5	24.5	24.1	24.7	26.2	23.7	92	95	96	92	96	96	94.5	6.6
18	58	58.25	59.22	56.80	57.95	59.22	58.24	24	23.8	25.9	27.1	24.1	24	24.8	28.2	23.3	95	95	85	76	92	93	89.3	1.1
19	57.98	57.90	58.63	56.30	57.21	58.51	57.76	23.2	23.1	28.1	29.6	26.1	25	25.8	30.7	22.8	95	96	81	77	91	90	88.3	------
20	58.01	58.58	59.54	57.74	58.65	60.01	58.76	24	24	28.6	28.8	25.6	26	26.3	30.5	23.5	91	93	80	82	90	88	87.3	8.6
21	59.81	60.16	61.21	59.58	60.29	61.70	60.46	24.1	23.4	29.5	28.8	26.8	26.1	26.4	31.1	23.2	92	95	75	75	87	88	85.3	1.3
22	60.65	60.06	61.36	58.78	59.36	60.52	60.12	24	23.8	26.8	27.9	26	25	25.6	29.1	23.4	95	95	86	83	92	93	90.7	.5
23	59.33	59.53	60.57	58.36	58.86	60.29	59.49	24.4	24.4	25.3	26.3	25.1	24.3	25	27.5	23.7	93	93	94	90	94	94	93	3.3
24	59.33	59.92	61.16	58.85	59.38	61.34	60.08	23.5	23.2	29.8	30.5	27.7	26.3	26.8	31.1	23	96	97	76	72	82	88	85.2	------
25	60.50	60.75	61.50	59.14	60.06	62.16	60.68	25	24	29.6	30	27.3	25.6	26.9	31.3	23.7	92	95	81	74	78	87	84.5	.5
26	61.92	62.68	63.44	60.69	60.90	62.56	62.03	24.9	23.9	29.5	30	27.5	26.3	27	30.9	23.3	91	94	74	71	81	83	82.3	------
27	61.56	61.81	62.30	59.58	60.08	61.46	61.13	24.2	23.6	29.1	29.5	27.6	26	26.7	30.7	23.2	93	95	77	75	80	89	84.8	.3
28	59.94	60.10	60.80	58.25	59.05	60.54	59.78	25.6	24.2	29.5	30.1	27.5	26.2	27.2	30.9	23.8	87	95	76	73	84	86	83.5	------
29	60.16	60.53	61.67	59.65	59.99	61.67	60.61	24.2	23	27	29.8	27.2	26.5	26.3	30.5	22.5	93	95	80	71	83	83	84.2	1.3
30	60.89	60.99	61.91	59.84	60.39	61.09	60.85	26.3	24.4	28.8	29.7	27	26.2	27.1	30.4	23.9	82	93	77	72	77	82	80.5	13.5
31	60.62	60.09	60.24	58.19	58.68	59.49	59.55	25	25.8	29.5	28.9	25.6	25.4	26.7	30.2	24.1	87	84	74	75	90	87	82.8	29.5
Mean	58.94	59.12	60.06	57.97	58.47	59.85	59.07	24.6	24.1	27.5	28.2	26.5	25.5	26.1	29.4	23.5	91.9	93.1	82.8	79.7	86.3	89	87.1	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	557.6

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	Km.	Km.	Km.	Km.	0–10			0–10		
1	Calm	S	Calm	NE	Calm	W	35.2	36.4	49.3	43.8	164.7	2	Ci.-S.	S.-Cu.	1	Ci.-S.	Cu.-N.
2	S	SW	SW	NE	N	NW	38.3	60.6	55.3	45.7	199.9	10	Ci.-S. SE	Cu.-N.	10	----------	S.-Cu. N
3	SW	NNE	NNE	N	NNE	NE	70.8	93	106.8	82.3	352.9	10	----------	Cu.-N.NNE	10	Ci.-S. E	Cu. NNE
4	NE	NNE	NNE	N	NNE	NNE	110.8	119.1	170.6	166.5	567	10	----------	Cu.-N.NNE	10	----------	N.
5	NE	SW	S	SW	NE	NE	124.5	80.7	74.3	122.6	402.1	10	----------	N.	10	----------	N.
6	S	S	SW	W	Calm	E	49.3	36.4	33.8	31.2	150.7	10	----------	S.-Cu. SE	10	----------	S.-Cu. N
7	E	E	Calm	NE	E	E	26	36.7	48.3	62.6	173.6	9	----------	S.-Cu. SE	8	Ci.-S. S	Cu.-N.
8	Calm	E	Calm	N	NE	E	33.3	34.4	45.4	33.2	146.3	10	Ci.-S. S	Cu.-N.	7	Ci.-S. S	Cu.-N.
9	S	SW	NE	W	NW	SW	48.1	55.2	101.2	57.7	262.2	10	----------	Cu.-N. NE	10	----------	N. NE
10	W	S	S	SSE	S	SE	74	138.7	91.4	81.8	385.9	10	----------	N.	10	----------	S.-Cu. S
11	S	S	S	S	E	NE	90.4	51.8	82.2	28.7	203.1	10	Ci.-S.	S.-Cu. SW	10	Ci.-S. E	S.-Cu.
12	NE	Calm	Calm	N	N	N	36	37.6	69.8	38	181.4	8	A.-Cu. E	S.-Cu.	4	Ci.-S. E	Cu.-N.
13	NW	W	E	SE	E	E	45.9	44	83.7	52.6	226.2	10	----------	N. NE	8	A.-Cu. E	S.-Cu. SE
14	E	Calm	S	ESE	ENE	E	26.9	46.4	79.2	59.5	212	7	Ci.-S. E	Cu.	10	----------	S.-Cu. SE
15	S	Calm	NNE	NE	E	E	40.2	37.3	91.1	44.1	212.7	3	Ci.	Cu.-N. E	7	Ci.-S.	cu.-N.ENE
16	Calm	S	SE	E	E	E	21.9	43.1	71.8	63.1	199.9	10	Ci.-S. S	S.-Cu. E	10	Ci.-S.	S.-Cu. SE
17	SE	Calm	Calm	E	Calm	Calm	35.9	19.8	48.6	19.3	123.6	10	----------	N. E	10	----------	S.-Cu. ESE
18	SE	SE	SE	SE	SE	S	37	55.3	84	37.2	213.5	10	A.-Cu. S	S.-Cu.	10	----------	S.-Cu. S
19	S	S	S	ESE	SE	Calm	61.7	51.8	46.4	33.8	193.7	10	----------	S.-Cu. S	10	----------	S.-Cu. S
20	Calm	Calm	SE	E	Calm	E	23.1	36.4	38.3	66.3	164.1	10	----------	S.-Cu. S	10	----------	N. SE
21	S	S	SE	E	E	SE	46.4	43.1	----	----	[a]89.5	7	Ci.-S. E	S.-Cu.	8	Ci.-S.	Cu.-N. SE
22	SE	SE	S	SE	Calm	Calm	35.6	46.5	44.8	31.4	158.3	8	Ci.-S. SE	S.-Cu.	10	----------	S.-Cu. SE
23	SSE	Calm	SSE	ENE	Calm	SE	37.8	48.3	33.2	32	151.3	10	Ci.-S. S	S.-Cu. SE	10	----------	N. SE
24	SE	Calm	Calm	E	E	E	38.4	36.4	78.3	51.5	204.6	2	Ci.-S. E	Cu.	1	----------	Cu.-N. SE
25	E	Calm	Calm	E	E	E	30.6	32.2	77.9	55.3	196	0	----------	----------	2	----------	Cu.-N. SE
26	Calm	S	E	ENE	E	E	29.5	44.3	125.8	61.8	261.4	0	----------	----------	1	----------	Cu.-N. SE
27	SE	S	Calm	ENE	E	E	30.3	37.6	113.7	89.1	270.7	3	----------	Cu.-N. E	4	A.-Cu. ESE	Cu.-N. SE
28	E	E	E	ENE	E	E	33.2	50.5	121	76.7	281.4	1	----------	Cu. E	1	----------	Cu.-N.
29	Calm	SE	NE	ENE	ENE	ENE	26.4	38.4	107.5	94.3	266.6	0	----------	----------	0	----------	----------
30	ENE	Calm	ENE	ENE	ENE	ENE	54.2	58.7	102.4	65.7	281	8	----------	Cu.-N. NE	0	----------	----------
31	ENE	ENE	ENE	ENE	NE	NE	65	104.6	133	115.9	418.5	1	----------	Cu.-N. E	1	----------	cu.-N.ENE
Mean	------	------	------	------	------	------	47	53.4	78.6	61.5	236	7.1	----------	----------	6.9	----------	----------
Total	------	------	------	------	------	------	----	----	----	----	7,314.8	----	----------	----------	----	----------	----------

[a] 12 hours missing.

APARRI.

[$\phi = 18°\ 22'$ N; $\lambda = 121°\ 38'$ E; barometer above sea, 5 meters; gravity correction not applied, −1.57 mm.]

NOVEMBER, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.98	57.96	58.81	57.02	57.67	58.67	58.02	24.9	25.1	27.4	25	25	25.1	25.4	27.7	23.8	86	86	81	93	92	91	88.2	14.4
2	57.79	58.38	59.28	57.16	57.84	59.66	58.35	25.4	23.5	28.5	29.1	27	26	26.6	29.8	23.1	93	94	81	78	83	85	85.7	1.6
3	59.02	59.13	60.02	57.89	58.56	60.10	59.12	24.6	24	28.6	30	27.2	26.2	26.8	31.5	23.6	93	95	78	69	81	84	83.3	
4	59.70	59.93	60.27	57.88	57.56	58.98	59.05	24.7	23.8	28.2	29.4	26.9	25.8	26.5	30.5	23.2	91	93	80	73	77	82	82.7	2.3
5	58.48	58.59	59.71	57.11	56.96	58.28	58.19	24.1	23.5	27	28.9	26.6	24.9	25.8	29.6	23.1	92	94	83	70	81	89	84.8	2.6
6	57.50	58	59.14	56.95	56.90	57.84	57.72	24.1	23.5	26.6	28.6	26.8	25.9	25.9	29.3	22.8	92	94	83	70	75	77	81.8	
7	57.25	57.50	58.68	55.95	56.26	57.46	57.18	23.2	22.2	26.9	27.7	27.1	24.4	25.2	28.2	21.8	90	93	75	72	75	88	82.2	3.9
8	56.73	56.85	57.91	56.53	57.68	59.41	57.52	23.1	23.3	27.6	28.9	26.1	25	25.7	30.2	22.9	94	96	84	73	83	92	87	14
9	58.91	59.03	60.72	59.16	59.47	60.89	59.70	24.9	24.2	27	27.1	26	25.2	25.7	28.7	23.8	91	95	80	78	76	79	83.2	.8
10	60.51	60.76	62.07	59.74	60.14	61.33	60.76	25	24.8	26.4	27.4	25.1	24.8	25.6	28.4	23.6	77	77	71	64	73	74	72.7	1.3
11	60.48	60.66	62.21	60.11	60.66	62.06	61.03	24.2	24	23.5	26.5	24.7	24.5	24.6	27.1	22.6	77	78	87	69	73	75	76.5	2.5
12	61.46	61.87	63.66	62	62.41	63.58	62.50	24.1	23.1	25	24.6	25	24.4	24.4	26.3	22.1	78	85	72	72	64	68	73.2	5.1
13	63	63.13	63.96	62.07	62.33	63.16	62.94	23.9	23.7	25	26.1	24.4	23.6	24.4	27	22.3	71	73	75	68	75	80	73.7	17
14	61.93	61.37	62.27	60.50	61.05	61.91	61.50	22.2	24	26.7	24.3	23.5	24.1	24.1	27.3	21.8	89	86	83	94	94	91	89.5	49.6
15	60.87	60.55	61.63	59.60	59.97	60.28	60.48	24.2	23.8	23.9	24.4	25	22.2	23.9	25.6	21.8	90	93	92	85	79	95	89	42.1
16	58.15	58.21	58.69	56.51	56.93	57.64	57.69	24.1	23.3	23.9	24.3	23.6	23	23.7	26.8	21.9	91	94	96	93	93	95	93.7	32.7
17	57.16	57.41	58.24	56.07	57.12	58.44	57.41	23	23.6	24.5	26	24.6	24.3	24.3	26.9	22.6	95	95	94	88	92	94	93	7.7
18	57.88	58.99	60.15	58.06	59.06	60.41	59.09	24	24.2	25	27.3	24.5	24.1	24.8	27.7	23.4	95	95	96	87	92	94	93.2	21
19	58.99	59.38	60.49	58.18	59.19	60.78	59.50	24.1	24.4	25.6	25.3	23.4	23.2	24.3	26.5	23	94	95	92	93	95	95	94	19.8
20	59.49	59.22	59.97	57.97	58.83	59.63	59.18	23.3	24	26.1	26.4	25	23.2	24.7	27.6	23	96	95	91	88	90	95	92.5	45.6
21	59.30	59.45	60.39	58.22	59.44	61.12	59.65	22.9	23.6	26.7	26.9	24	24	24.7	28	22.7	96	93	85	86	96	95	91.8	5.1
22	60.13	60.36	61.46	59.45	59.50	61.08	60.33	23.4	23.5	26	25	24.5	24	24.4	27.4	23.2	95	96	87	88	94	97	92.8	30.8
23	60.26	60.88	61.70	59.92	59.67	60.28	60.45	23.2	23.5	23.4	23.8	23.6	23	23.4	24.5	22.6	97	96	97	97	97	97	96.8	24.4
24	59.51	59.78	60.17	58.36	58.54	59.43	59.30	22.6	22.8	26.1	26.9	24.8	24	24.5	28.7	22.3	97	97	89	85	92	93	92.2	4.9
25	58.77	59.09	60.07	57.97	58.03	58.77	58.78	23.3	23.7	26.9	26.7	25.1	25	25.1	27.8	23	96	94	81	79	88	88	87.7	4.3
26	57.39	58	58.72	56.78	57.37	58.28	57.84	25	24.2	27	25.3	25.2	24.3	25.2	28.3	22.8	88	93	83	91	90	94	89.8	7.4
27	57.53	57.74	58.63	56.65	57.22	58.79	57.76	24.8	24.8	24.7	24.1	24.6	24.7	24.6	25.9	23.5	88	87	90	93	87	86	88.5	13.3
28	58.43	58.75	60.13	58.33	59.13	60.06	59.14	24.2	23.5	23.9	24.1	24.1	23	23.8	25.6	22.5	86	90	89	83	82	88	86.8	9.6
29	59.28	59.38	60.53	58.53	59.75	61.68	59.86	23	23.5	24.4	25.6	23.9	22.5	23.8	26	22.1	83	76	74	68	68	77	74.3	2.5
30	61.02	61.68	63.04	61.28	61.81	62.41	61.87	22.2	21.5	21.9	20.8	21.9	22	21.7	23	19.8	76	78	66	75	70	71	72.7	5.6
Mean	59.18	59.40	60.42	58.40	58.90	60.08	59.40	23.9	23.7	25.8	26.2	25	24.2	24.8	27.6	22.7	89.2	90.2	83.8	80.7	83.6	87	85.8	
Total																								391.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Mid-night.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	0–10			0–10		
1	NE	ENE	NE	ENE	ENE	E	120.7	138.1	134.7	124.7	518.2	3		Cu.-N. ENE	10		S.-Cu. ENE
2	SE	SE	Calm	ENE	E	E	59.7	33	86.3	75.3	254.3	10		N. E	2	Ci.	Cu. E
3	SE	SSE	SE	ENE	E	E	31.7	73.2	86.6	79.9	271.4	0			0		
4	Calm	SE	Calm	ENE	ENE	E	26.8	38.3	87.1	54.2	206.4	0			1		Cu. SE
5	SSE	Calm	N	NE	NNE	E	54.1	37	67.6	55	213.7	10		Cu.-N. NE	1		Cu. NE
6	S	SW	NW	N	N	N	49.6	56.6	95.5	56.1	257.8	0			0		
7	NW	W	NW	NW	NW	NW	63.4	94.8	160.7	118.8	437.7	2		Cu.-N. N	5	Ci. E	Cu.
8	W	SW	S	NNE	NE	N	54.7	67.3	61.7	58.7	242.4	10		Cu.-N. NW	8	A.-Cu. E	Cu.-N.
9	N	NE	NE	NE	NE	NE	99.3	151.1	135.8	128.4	514.6	10		N. NE	9		Cu.-N. NE
10	NE	NE	NE	NE	NE	NE	110.7	105.4	104.4	111.3	431.8	10		S.-Cu. NE	10	A.-Cu. WNW	Cu.-N. NE
11	NE	NE	NE	ENE	ENE	ENE	111	105.9	119.4	109.4	445.7	10		S.-Cu. NE	7	Ci.-S.	Cu.-N. NE
12	E	ESE	ENE	ENE	ENE	ENE	93.3	147.1	180.5	152.7	573.6	10		Cu.-N. E	10		S.-Cu. ENE
13	NE	NE	ENE	ENE	ENE	ENE	113.5	135.87	126?	78.1	443.4	10		S.-Cu. ENE	10		Cu.-N. ENE
14	E	NE	NE	E	ENE	NE	119.7	179.9	169.2	206	674.8	10		Cu.-N. NE	6		Cu.-N. E
15	NE	NE	NE	NE	NE	NE	183.4	199.5	206	182.1	771	10		N. NE	10		S.-Cu. NE
16	NE	NE	NE	NE	NE	NE	162.2	112.9	95.5	60.4	431	10		N. NE	10		N. NE
17	NE	NE	NE	NNE	NNE	NE	85.5	93.3	93.5	117.5	389.8	10		N. NE	8		Cu.-N. NE
18	NE	NE	NE	NE	NE	NE	96.6	92.2	96.8	79.9	365.5	10		N. NE	8		Cu.-N. NE
19	E	E	E	NE	E	E	95.2	75.3	92	83.4	345.9	10		S.-Cu. E	10		S.-Cu. NE
20	E	E	NE	ENE	ENE	ENE	68.7	52	99.2	93.9	313.8	10		N. E	10		S.-Cu. ENE
21	NE	Calm	E	ENE	E	E	59.3	50.7	74.6	84	268.6	10		S.-Cu. E	10		Cu.-N. E
22	Calm	ENE	E	ENE	ENE	SE	30.8	99.6	85.3	33.6	254.3	10		S.-Cu. E	10		S.-Cu. E
23	Calm	SE	SSE	ESE	Calm	SW	20.4	30.6	35.2	27.4	113.6	10		N.	10		S.-Cu. E
24	S	SE	SE	ENE	Calm	Calm	20.3	44.9	56.8	16.9	138.9	10		S.-Cu. E	8	A.-Cu. SE	S.-Cu.
25	Calm	E	ENE	ENE	E	E	36.8	58.2	78.3	111.6	284.9	10	A.-Cu. E	S.-Cu.	8		S.-Cu. E
26	E	NE	NE	NE	NE	NE	74.2	65.8	83.4	97.9	321.3	10		Cu.-N. NE	10		Cu.-N. NE
27	NNE	NNE	NNE	NNE	NNE	NNE	90.7	135.5	134.1	137.6	497.9	10		S.-Cu. NE	10		N. NE
28	NE	NE	NE	NE	NNE	NNE	137.4	153.9	158.7	128.1	578.1	10		N. NE	10		S.-Cu. NE
29	NNE	NE	NE	NNE	NE	NE	138.1	139.4	149.4	141.9	568.8	3		Cu.-N. NE	4		Cu.-N. NE
30	NE	NE	NE	NE	NE	NE	146.4	173.2	158.3	153.9	631.8	10		Cu.-N. NE	10		Cu.-N. NE
Mean							85.1	97.7	110.4	98.8	392	8.3			7.5		
Total											11,761						

APARRI.

[$\phi = 18°\ 22'$ N; $\lambda = 121°\ 38'$ E; barometer above sea, 5 meters; gravity correction not applied, −1.57 mm.]

DECEMBER, 1916.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	mm.
1	61.31	61.46	62.05	59.86	60.78	61.11	61.10	21.7	21.8	24.6	24.6	24.6	21.3	22.6	25.3	20.5	73	74	67	66	80	84	74	7.3
2	60.58	60.33	62.27	60.08	60.43	61.03	60.87	22	20.6	22.4	22.7	22.6	23	22.2	23.5	20.3	82	92	88	88	86	86	87	23.9
3	58.91	59	60.08	59.09	60.23	61.33	59.86	23	23.1	23	24.6	24	23.3	23.5	25	22.3	91	96	95	87	86	90	90.8	19.7
4	60.63	60.30	61.23	58.72	59.18	60.21	60.04	23.6	23.2	25.5	24.5	24.2	24	24.2	27.1	22.8	91	97	88	96	95	97	94	25.9
5	59.81	59.41	60.52	58.18	58.86	59.91	59.45	22.5	22.1	25.1	26.4	25	24	24.2	27.9	21.8	96	96	87	82	87	91	89.8	
6	59.09	59.23	60.42	58.36	58.72	60.07	59.32	23	22.5	24.5	26.6	25.9	24.2	24.4	27.2	22	95	96	94	83	85	91	90.7	1.6
7	59.04	59.18	60.19	58.67	59.47	60.46	59.50	23.3	22.8	26.1	27.6	25	23.9	24.8	28.2	22.5	94	97	89	83	90	97	91.7	23.6
8	59.57	59.71	60.73	58.46	58.73	59.95	59.52	24	24.1	25	25.3	24.6	24	24.5	27.5	23.3	95	94	89	92	93	95	93	53
9	58.99	59.24	60.72	58.85	59.14	60.28	59.54	24.1	23.3	24	23.8	23.5	23.1	23.6	24.5	22.5	94	96	96	93	94	96	94.8	18.3
10	59.15	59.48	60.81	58.96	59.59	60.47	59.74	23.1	23	24.6	27.1	24.9	23.4	24.4	27.6	22.6	95	95	91	83	89	95	91.3	30
11	59.59	59.75	60.87	59.20	59.67	60.93	60	23.3	23.3	24.5	24.3	23.6	23	23.7	25.2	22.8	94	94	92	92	93	97	93.7	63.3
12	60.33	60.46	61.68	59.73	60.33	61.26	60.63	22.9	22.5	23.6	24.6	23.5	23	23.4	25.6	22.3	96	96	90	85	90	95	92	34.8
13	60.23	60.54	61.62	59.04	59.57	60.53	60.26	22.5	22.8	24.6	26.4	24.8	23.9	24.2	27	22.2	96	97	93	83	92	92	92.2	.3
14	59.21	59.56	61.23	58.71	59.42	60.18	59.72	22.8	22	23.9	26.9	24	23.9	23.9	28.1	21.7	95	96	94	80	90	91	91	2
15	59.28	59.43	60.95	58.73	59.93	61.09	59.90	23.4	23.2	25.9	24.5	24	22.9	24	26.3	22.5	95	97	88	92	88	96	92.7	17.3
16	59.55	59.41	60.48	58.25	58.70	59.30	59.28	22.8	22.9	24	23.6	23.5	23.7	23.4	24.6	22.3	96	96	92	96	96	94	95	48.2
17	58.28	58.68	59.76	56.97	57.89	58.93	58.42	23.2	22.9	25.2	27.6	25	24	24.6	28.1	22.7	97	97	88	84	93	95	92.3	1.3
18	58	58.13	59.50	57.01	57.71	58.38	58.12	24	23.6	25	27.6	25	24.5	25	28	23.3	95	95	93	84	95	96	93	.5
19	57.48	57.75	59.03	56.71	57.56	58.68	57.87	23.1	22.4	25.8	28	26	25.2	25.1	28.7	22	96	96	89	77	90	92	90	28.7
20	58.50	58.75	60.33	58.12	59.45	60.62	59.30	24.5	23.7	25.3	24.4	24	23.2	24.2	25.6	22.8	92	94	86	93	91	93	91.5	13
21	60.03	60.86	61.63	59.09	59.65	60.73	60.33	22.8	23.4	24	23.9	23.9	23.2	23.5	24.8	22.4	95	93	88	88	87	93	90.7	22.6
22	59.48	59.56	60.50	58.81	59.40	60.06	59.64	23.9	23	25.6	25.4	24.5	23.8	24.4	26.9	22.3	92	93	79	77	75	80	82.7	
23	59.21	59.33	60.12	58.18	58.94	59.63	59.24	22.8	22	25.9	26	23.5	23.4	23.9	27	21.5	88	95	81	89	90	91	89	
24	58.65	58.61	59.66	57.91	58.82	60.16	58.97	23	22.9	25.7	26.5	25	23.7	24.5	27.2	22.3	95	96	86	82	92	94	90.8	.5
25	59.48	59.58	60.97	59.11	60.11	61.06	60.05	22.8	22.6	24.7	26.4	24	22	23.8	26.9	21.7	97	97	91	83	91	88	91.2	24.9
26	60.43	60.62	61.97	60.26	61.26	61.62	61.03	22	22.2	22.6	23	22.5	22.4	22.4	24.5	21.3	88	88	90	88	82	82	86.3	5.9
27	60.76	60.86	61.72	60.08	61.21	62.13	61.13	23	23.2	24.9	23.4	23.5	22.9	23.5	25.5	22.2	79	78	73	82	74	75	76.8	.3
28	61.88	62.31	63.66	61.52	62.78	63.38	62.59	22.4	22.2	22.1	22.4	21.2	21	21.9	23.3	20.8	76	76	81	78	82	83	79.3	6.3
29	61.69	61.33	61.97	59.19	59.88	60.53	60.76	21	20.4	22.9	24.1	22.8	21.9	22.2	24.8	20.2	85	92	83	78	88	92	86.3	.5
30	59.27	59.40	60.22	57.95	58.74	60.06	59.27	21.1	21	22	24.9	23	22	22.3	25.2	20.5	95	95	95	84	95	96	93.3	3.8
31	59.43	59.69	60.94	58.12	59.23	60.38	59.63	21.1	21	22.2	25	24.2	23.9	22.9	25.4	20.8	95	96	96	87	86	87	91.2	2.4
Mean	59.61	59.76	60.90	58.77	59.53	60.48	59.84	22.9	22.6	24.4	25.2	24	23.3	23.7	26.2	22	91.7	93.2	88.1	85	88.5	91.1	89.6	
Total																								479.9

Day.	Wind.										Clouds.				
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.		2 p. m.	
												Amount.	Form and direction.	Amount.	Form and direction.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Mid-night.			Upper. Lower.		Upper. Lower.
							Km.	Km.	Km.	Km.	Km.	0–10		0–10	
1	NE	NE	NE	ENE	NE	NE	139	140.6	136.8	136.8	553.2	10		10	S.-Cu. NE
2	NE	NE	NE	NE	ENE	NE	144.8	170.6	148.1	177	640.5	10	N. NE	10	N. NE
3	NE	NE	NE	ENE	ENE	ENE	178.6	154.5	154.2	105.9	593.2	10	N.	10	Ci.-S. S.-Cu. SE
4	E	Calm	E	ENE	ENE	E	45.6	59.7	84.3	41.2	230.8	10	N. E	10	N. ENE
5	SE	SSE	NE	ENE	E	SE	71.9	34.6	87.2	66.3	260	10	N. SE	9	S.-Cu. ENE
6	Calm	Calm	E	N	ENE	E	19.3	26.8	54.4	63.1	163.6	2	Ci. S.-Cu. SE	0	
7	Calm	NW	NE	NE	NE	E	35.7	49.6	91.7	114	291	2	Cu.-N. NE	0	
8	NE	NE	NE	NE	NE	NE	104.9	107.5	135.2	[a]24.1	371.7	8	Cu.-N. NE	10	S.-Cu. NE
9	ENE	E	NE	NE	NE	Calm						10	N. E	10	S.-Cu. NE
10	E	E	N	NE	ENE	ENE						2	S.-Cu.	7	Cu.-N. NE
11	NE	NE	NE	NE	NE	NE						10	N. NE	10	N. NE
12	NE	ENE	NE	NE	NE	NE			160.3	153.5		10	N.	10	S.-Cu. NE
13	E	E	S	NNW	Calm	Calm	111.3	44.5	39.6	23.1	218.5	10	N. E	8	A.-Cu. E Cu.-N.
14	Calm	Calm	SE	NE	Calm	Calm	16.7	27.9	40	16.9	101.5	3	Ci. S.-Cu.	8	S.-Cu. SE
15	Calm	Calm	NE	NE	NE	NE	16.3	77.2	179.6	186.3	459.4	6	S.-Cu. E	10	N. NE
16	NE	NE	NE	ENE	NE	E	200.6	186.6	158.7	113.3	659.2	10	N.	10	N. NE
17	Calm	E	Calm	NE	ENE	E	29.6	35.4	64.7	49.3	179	10	S.-Cu.	5	Cu.-N. E
18	Calm	Calm	ENE	NE	ENE	Calm	49.6	67	81.1	27.1	224.8	10	N.	5	A.-Cu. E Cu.-N.
19	Calm	Calm	Calm	NE	NE	ENE	28.7	22.7	63	84.3	198.7	2	Ci.-S. S.-Cu.	3	Ci.-S. E Cu.-N.
20	NE	ENE	ENE	NE	NE	ENE	149.5	146.2	134.2	155.3	585.2	10	N.	10	N. NE
21	NE	ENE	ENE	ENE	ENE	ENE	159.5	99.8	116.5	120.1	495.9	10	N. E	10	N. E
22	ENE	ENE	E	ENE	E	E	136.8	135.4	122.1	80.7	475	10	S.-Cu. E	10	S.-Cu. E
23	Calm	NE	E	ENE	E	E	30.8	34.4	95.8	69.4	230.4	3	S.-Cu.	10	Cu.-N. E
24	Calm	Calm	SE	ENE	S	Calm	29	27.6	49.4	32.5	138.5	1	S.-Cu.	10	S.-Cu. SE
25	SE	Calm	E	NE	NE	NE	27.4	35.4	69	99.6	231.4	10	S.-Cu. SE	9	Ci.-S. SW Cu.-N.
26	NE	NE	NE	NE	NE	ENE	169.1	168.4	166	129.3	632.8	10	Cu.-N. NE	10	S.-Cu. NE
27	ENE	ENE	ENE	E	ENE	ENE	116.9	152.9	160.9	172.2	602.9	10	S.-Cu. E	10	S.-Cu. E
28	ENE	ENE	E	E	E	E	165.7	126.8	148.4	115.1	556	10	S.-Cu. E	10	S.-Cu. E
29	SE	SE	ESE	E	SE	Calm	80.3	83.2	57.6	25.7	196.8	10	A.-Cu. SE S.-Cu.	10	S.-Cu. SE
30	ENE	SE	E	E	Calm	E	22.5	38.3	32.7	54.9	148.4	10	S.-Cu. SE	10	S.-Cu. SE
31	SE	S	Calm	ENE	E	ENE	57.7	20.3	71.9	118.9	268.8	10	S.-Cu. SE	10	S.-Cu. SE
Mean							86.6	82.4	103.7	91.3	359.5	8		8.5	

[a] 5 hours missing.

METEOROLOGICAL OBSERVATIONS MADE AT THIRD CLASS AND RAIN STATIONS DURING THE CALENDAR YEAR 1916.

JOLO.

[$\phi = 6°\ 03'$ N; $\lambda = 121°\ 00'$ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.93 mm.]

JANUARY.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	56.28	55.33	25.2	27.4	92	75	WSW 2	NW 3	10	10	------
2	55.28	55.21	24.8	28.2	95	80	Calm	W 5	9	10	9.7
3	56.50	55.97	23.9	28.4	96	81	Calm	W 1	10	10	7.9
4	57.97	57.48	22.8	27.9	92	77	Calm	Calm	8	6	------
5	58.50	57.94	23.5	28.9	96	77	Calm	NNE 2	6	5	.8
6	58.38	57.45	25.8	29	93	80	Calm	NbyW 3	10	7	4
7	58.23	56.96	26.2	28.8	90	78	NNE 1	NE 3	6	9	------
8	58.84	58.06	22.8	30.4	96	72	Calm	W 2	3	6	24.4
9	59.19	58.67	23.8	29.3	95	77	Calm	W 2	10	10	3.8
10	58.99	58.29	24.4	28.9	96	78	Calm	NNE 1	5	5	------
11	59.22	57.99	26.9	28.3	88	80	NE 3	NE 2	10	10	------
12	57.69	56.85	24.8	27.7	96	83	Calm	NEbyN 3	10	10	------
13	57.27	56.35	24.9	28.6	93	75	Calm	NNE 4	10	7	------
14	56.20	55.91	26.9	25.4	80	94	NNE 3	E 1	10	10	7.6
15	56.14	55.37	26.8	28.5	89	80	W 1	W 3	10	9	6.1
16	56	55.52	26.5	25.9	85	91	NW 1	NNE 3	9	10	9.4
17	55.79	55.50	26.4	27.8	84	75	NNE 4	NNE 6	10	10	------
18	56.85	56.73	26.4	27.5	80	76	NNE 3	NNE 2	10	10	------
19	57.10	56.89	26.4	27.9	83	76	NNE 3	NNE 4	10	9	------
20	57.17	56.24	26.3	28.1	80	72	NNE 4	NNE 4	9	5	------
21	56.60	56.32	26.3	27.9	83	76	NNE 4	NbyE 3	10	10	------
22	56.23	55.66	26.3	28.1	81	76	NbyE 3	N 4	10	8	------
23	56.47	55.85	26.4	28.4	80	74	NNW 2	W 4	10	10	3
24	57.75	56.53	26.3	26.1	73	82	NW 3	WbyN 5	10	10	13
25	57.39	56.66	25.4	24.3	84	93	NW 3	W 2	10	10	125.2
26	55.79	55.54	24.8	26.4	94	90	W 1	NNE 2	10	10	52.1
27	55.61	55.01	23.7	26.3	97	88	Calm	W 1	10	10	3.3
28	55.45	54.92	24.4	28.5	96	72	Calm	W 1	10	6	.8
29	55.89	54.87	24.1	29.4	95	75	Calm	WNW 1	9	4	2.8
30	56.06	55.31	22.8	29.8	91	72	Calm	N 1	7	5	------
31	56.14	55.27	22.5	29.2	94	76	Calm	NbyE 1	6	9	------
Mean	57	56.34	25.1	28	89.3	79.1	1.3	2.5	8.9	8.4	------
Total	------	------	------	------	------	------	------	------	------	------	273.9

FEBRUARY.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	55.40	54.95	23	28	92	83	Calm	NNE 2	4	8	------
2	55.79	55.50	23.8	29	92	77	Calm	NNE 1	3	6	------
3	56.35	56.02	22.6	32.1	90	56	Calm	S 1	8	6	------
4	56.91	57.16	22.8	29.6	92	73	Calm	NW 1	6	3	------
5	57.22	57.16	22.8	29.9	96	73	Calm	W 1	3	4	------
6	58.03	56.81	23.1	29.4	95	78	Calm	N 1	6	6	------
7	56.45	56.22	23.4	28.4	96	80	Calm	N 1	7	7	------
8	56.46	55.43	23	29.3	95	68	Calm	NbyW 2	8	7	------
9	57.69	56.75	25.87	28.3	817	70	NbyE 2	NNE 2	6	4	------
10	58.46	57.95	25.8	28.4	76	60	NNE 2	N 3	6	8	------
11	58.09	57.55	22.9	28.3	87	70	Calm	NEbyN 1	5	9	------
12	57.78	57.73	23.4	26.4	94	84	Calm	Calm	10	10	------
13	57.84	57.62	23.7	27	95	85	Calm	NNE 1	10	10	1.8
14	59.05	57.52	23.5	27.7	94	75	Calm	NNE 1	10	8	------
15	57.88	57.05	25.3	27.8	88	81	ENE 1	NbyE 1	10	9	4.8
16	58.44	57.69	23.3	25.9	93	92	Calm	Calm	10	9	20.6
17	57.91	56.86	23.7	28	97	81	Calm	NW 1	10	10	------
18	57.08	55.75	23.9	28.1	95	80	Calm	W 1	10	10	6.1
19	55.61	54.88	24.6	25.9	91	88	NNE 2	WNW 3	10	10	16.8
20	55.01	54.66	23.3	28.2	96	79	Calm	W 3	7	10	4.8
21	55.79	55.42	24.8	29.7	92	72	Calm	W 3	8	9	8.9
22	56.73	55.93	24.3	29.4	95	75	Calm	W 1	9	8	------
23	56.50	55.87	23.5	29	96	76	Calm	Calm	10	9	------
24	56.58	56.32	23.8	28.4	97	76	Calm	NE 2	10	8	------
25	57.21	56.03	24.5	28.4	95	79	Calm	N 2	10	8	------
26	56.84	55.98	26.2	28.5	85	77	NW 1	NNW 3	10	9	------
27	56.28	55.10	26.3	28.3	83	72	N 2	NNE 3	10	5	------
28	56.61	56.04	25.9	28.8	77	70	N 2	NNE 3	8	4	------
29	57.17	56.18	26.8	28.3	80	79	NW 1	NW 2	10	10	------
Mean	57.01	56.35	24.1	28.4	90.9	76.2	0.4	1.6	8.1	7.7	------
Total	------	------	------	------	------	------	------	------	------	------	63.8

MARCH.[a]

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	56.95	56.84?	26.5	26.3	86	81	WNW 3	NbyE 3	10	10	1.3
2	56.42	55.76	26.3	28.6	84	72	NNE 4	NEbyN 4	10	7	2.8
3	56.75	56.60	24.6	27.4	96	82	Calm	NEbyN 3	10	10	14.2
4	58.38	57.82	22.8	27.2	97	85	Calm	N 1	2	8	2.5
5	58.20	57.70	23	28.2	97	80	Calm	W 1	2	8	1.8
6	57.27	56.45	23.3	28	96	83	Calm	NbyE 1	3	9	------
7	56.76	56.24	23.3	29.2	93	76	Calm	N 1	2	7	------
8	57.36	56.99	22.6	28.4	91	77	Calm	WNW 1	1	9	1
9	57.89	57.28	22.3	28.2	92	74	Calm	W 1	6	7	2
10	57.60	56.68	23	30	96	75	Calm	WNW 1	8	6	------
11	56.77	56	24.8	28.4	94	78	Calm	NNE 1	10	5	------
12	57.32	56.44	24.9	28.6	93	76	Calm	NNE 2	6	7	.8
13	57.64	57.16	23.8	27.9	96	83	Calm	Calm	9	9	------
14	56.80	56.16	23.1	28.2	97	80	Calm	NE 2	3	9	------
15	56.37	55.51	26.3	28	88	81	Calm	NE 2	10	10	------
16	56.66	55.81	25.8	27.4	85	81	NE 3	NE 2	10	9	24.6
17	57.28	56.75	24	25.1	96	93	ENE 1	Calm	8	10	18.8
18	57.69	56.61	22.7	27.4	95	84	Calm	NNW 1	4	9	.3
19	57.61	56.91	22.8	26.9	95	85	Calm	ENE 1	1	8	.3
20	57.36	56.74	22.7	30	95	75	Calm	W 1	7	7	------
21	57.91	57.69	23.1	27.2	95	85	Calm	W 1	9	10	4.3
22	58.19	57.72	23.4	28.3	96	78	Calm	W 1	10	8	------
23	58.64	57.94	22.7	30.8	93	69	Calm	W 1	9	5	------
24	59.18	58.63	24.3	29.3	94	68	Calm	NE 2	10	9	------
25	59.12	57.92	23.4	28.3	93	79	Calm	NEbyN 2	6	4	.3
26	58.72	57.67	25.5	28.8	94	75	NE 1	NE 3	8	2	------
27	58.22	57.95	23.2	28.2	92	81	Calm	NE 3	3	9	------
28	58.58	57.75	22.7	31.2	95	61	Calm	NNW 1	3	3	------
29	57.47	56.10	23.7	28.4	96	79	Calm	NE 2	10	2	------
30	57.49	56.14	23.1	30.1	90	73	Calm	NW 2	6	4	------
31	57.04	55.94	23.3	27.9	93	80	Calm	NE 2	6	9	------
Mean	57.60	56.90	23.8	28.3	93.3	78.4	0.4	1.6	6.5	7.4	------
Total	------	------	------	------	------	------	------	------	------	------	75

APRIL.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	56.67	56.11	24.3	28.5	94	80	Calm	NE 1	10	8	------
2	57.20	56.81	23.4	28.5	91	77	Calm	N 1	10	10	------
3	59.01	58.17	24.3	27.9	94	80	Calm	NNE 2	7	7	------
4	59.37	58.64	23.1	28.7	94	79	Calm	NNE 2	7	4	------
5	59.71	58.69	24.1	28.6	94	78	Calm	NE 2	6	10	------
6	59.46	58.76	22.8	26.7	91	87	Calm	Calm	2	9	29.5
7	59.88	58.62	23.3	29.3	95	68	Calm	Calm	3	10	10.6
8	59.57	57.71	23.9	30.6	96	68	Calm	ENE 4	10	9	------
9	58.61	57.84	23.8	27.5	95	79	Calm	W 1	10	9	11.2
10	58.44	57.79	23.8	28.8	96	81	Calm	NNE 1	10	7	------
11	57.70	56.62	24	28.7	95	74	Calm	NEbyE 3	10	10	------
12	58.05	57.13	23.1	29.9	94	72	Calm	WNW 1	8	9	------
13	57.98	57.35	25	29.4	94	78	Calm	Calm	10	8	1.3
14	58.38	57.19	24.5	30.2	94	79	Calm	W 1	10	9	------
15	56.92	56.37	25.3	28.8	93	78	Calm	NNE 2	7	7	------
16	57.24	56.39	23.4	29.9	95	73	Calm	W 1	3	9	------
17	56.74	55.73	23.8	31.2	94	73	Calm	W 2	4	5	------
18	56.32	55.14	24.5	29.8	87	76	Calm	WNW 1	3	5	------
19	56.53	55.49	23.3	29.5	93	77	Calm	NNE 2	1	3	------
20	56.57	55.76	23.1	29.4	93	81	Calm	NE 1	7	6	------
21	56.30	55.48	23.4	28.4	95	75	Calm	NNE 1	10	8	------
22	56.53	55.85	22.8	28.9	91	76	Calm	NNE 1	2	5	------
23	56.05	55.43	22.5	28.9	90	76	Calm	NNE 1	4	3	------
24	56.05	55.15	22.6	28.1	91	81	Calm	NNE 1	3	6	10.9
25	56.64	55.66	23.3	28.9	96	73	Calm	Calm	5	7	------
26	57.17	56.59	23.9	30.6	95	78	Calm	W 1	8	6	------
27	57.29	56.73	24.8	29.4	95	77	Calm	N 1	10	8	------
28	57.33	56.25	24.4	29.9	95	78	Calm	W 1	10	9	------
29	57.14	56.72	24.8	29.2	94	78	Calm	Calm	10	8	------
30	57.49	57.07	25	27.8	94	81	Calm	NNE 3	8	8	------
Mean	57.61	56.77	23.8	29.1	93.6	77	------	1.3	6.9	7.2	------
Total	------	------	------	------	------	------	------	------	------	------	63.5

[a] Beginning with the morning of March 16, the height of the barometer above sea level was 5.9 meters.

JOLO.

[ϕ=6° 03′ N; λ=121° 00′ E; barometer above sea, 5.9 meters; gravity correction not applied, —1.93 mm.]

MAY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	57.44	56.90	24.8	29.6	93	79	Calm	N 2	9	4	2.8
2	57.35	55.88	23.4	30.3	96	69	Calm	NbyW 2	1	7	------
3	56.63	55.80	24.7	30.1	90	72	Calm	W 3	10	7	1.8
4	56.92	56.04	25.9	30.4	88	70	Calm	W 3	9	6	------
5	56.46	55.01	25.4	27.5	88	85	Calm	Calm	9	10	6.3
6	55.82	54.52	25.1	25.4	89	89	S 1	S 1	10	10	232.4
7	53.24	53.48	23.9	24.2	95	91	SbyE 7	S 6	10	10	97
8	54.81	56.88	23.9	24.5	85	86	SbyW 7	SSW 3	10	10	12.9
9	58.01	57.55	22.8	28	91	80	Calm	S 1	10	10	11.4
10	58.14	57.38	24.9	31.3	89	64	Calm	S 1	10	9	------
11	57.69	56.61	24.4	30.4	93	66	Calm	SSW 1	4	4	------
12	58.15	56.98	25.3	28.1	92	83	Calm	NNE 2	9	8	15.5
13	57.35	56.57	24.3	28.3	92	81	Calm	W 3	8	6	------
14	57.03	55.55	23.4	28.1	92	84	Calm	Calm	10	8	6.1
15	55.97	55.30	24.3	29.4	94	75	Calm	W 1	7	6	------
16	56.62	57.30	24.3	27.9	91	86	Calm	NNE 3	10	10	------
17	58.02	57.45	23.6	28.3	93	82	Calm	NNE 1	10	8	------
18	57.78	57.15	23.8	27.9	94	70	Calm	NEbyN 2	10	10	.5
19	56.72	57.24	23.9	26.9	94	84	Calm	Calm	10	10	5.6
20	57.04	57.30	23.7	26.3	94	84	Calm	Calm	8	6	9.9
21	57.53	56.58	23	28.4	95	80	Calm	NNE 2	7	8	------
22	56.63	56.13	23	26.8	94	82	Calm	Calm	4	9	21.6
23	56.40	55.85	22.9	28.6	91	79	Calm	W 1	5	7	------
24	56.30	55.92	23.1	28.4	93	77	Calm	Calm	6	7	------
25	56.27	56.47	23.6	30.3	92	77	Calm	W 2	5	8	------
26	56.07	55.85	24.4	28.4	92	85	Calm	W 2	10	10	.5
27	55.91	54.93	25.4	28.1	93	84	Calm	NNE 2	7	7	1.8
28	55.80	55.43	24.3	29.4	92	70	Calm	SSE 1	10	10	------
20	55.50	55.34	23.4	30	89	73	Calm	NNE 1	10	7	------
30	57.04	56.28	24.5	28.7	94	76	Calm	W 2	4	9	------
31	57.69	57.18	24.5	28.3	91	80	Calm	N 2	10	10	------
Mean	56.72	56.22	24.1	28.3	91.9	78.8	0.5	1.6	8.1	8.1	------
Total	-----	-----	-----	-----	-----	-----	----------	----------	-----	-----	426.1

JUNE.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	57.39	56.59	24	28.7	92	80	Calm	NNE 1	4	8	1
2	57.14	55.82	23.7	28.4	93	80	Calm	WbyN 2	7	9	------
3	56.82	55.96	23.9	29.3	92	76	Calm	W 2	6	5	------
4	56.63	56.46	24.9	27.2	87	78	Calm	SbyW 3	10	10	2
5	56.89	55.60	23.3	30.3	90	58	Calm	S 3	8	3	------
6	56.33	54.79	22.9	29	87	80	Calm	W 3	6	6	------
7	55.69	54.98	24.4	28.2	90	78	Calm	W 1	8	10	8.9
8	55.62	55	24	27.2	95	82	Calm	W 2	10	10	.3
9	55.37	54.86	23.7	28.5	93	75	Calm	WNW 1	10	4	.3
10	56.28	54.79	25	29.4	92	70	NNE 2	S 2	10	6	6.6
11	55.81	55.17	24.9	27	94	81	Calm	S 1	8	10	------
12	55.50	53.97	23.7	30.8	94	62	Calm	S 2	7	7	------
13	54.53	54.10	25.7	28.4	93	79	Calm	W 3	10	8	------
14	55.53	55.02	24.4	29.6	94	75	Calm	NNE 2	10	7	.5
15	56.19	55.72	23.6	31.1	90	69	Calm	W 2	3	5	------
16	55.88	54.71	25.4	31.3	89	66	Calm	S 1	3	6	------
17	56.11	54.38	24.6	29.6	92	76	Calm	W 2	8	4	10.4
18	56.70	57.15	23	24.9	90	77	Calm	NNW 1	10	10	.8
19	57.40	57.43	23.7	26.9	90	78	Calm	W 1	10	10	1
20	57.50	56.54	24.6	30.3	86	67	Calm	SSE 1	10	5	------
21	56.84	56.32	25.6	25.9	84	79	SbyE 1	Calm	10	9	17.6
22	57.73	56.31	23.5	29.1	93	68	Calm	SbyW 1	10	10	------
23	57.37	56.43	25.7	30.8	88	60	Calm	S 1	10	10	------
24	57.97	58	23.8	29.8	87	72	Calm	NNW 1	3	5	------
25	58.90	58.76	23.4	28.8	91	76	Calm	Calm	9	7	1.5
26	58.02	57.86	23.4	29.7	91	63	Calm	Calm	10	4	40.6
27	58.86	57.60	24.2	29.4	88	74	S 1	NbyE 2	10	7	2.8
28	58.19	57.61	23.5	29.3	90	66	Calm	W 2	6	7	3.3
29	58.59	58.65	23.3	25.9	92	81	Calm	W 1	9	10	------
30	58.34	57.58	22.9	28	95	74	Calm	Calm	5	9	------
Mean	56.87	56.14	24.1	28.8	90.7	73.3	0.1	1.5	8	7.4	------
Total	-----	-----	-----	-----	-----	-----	----------	----------	-----	-----	97.6

JULY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	57.40	56.30	22.6	29.2	94	71	Calm	W 2	6	5	------
2	57	56.63	22.6	29.6	89	72	Calm	W 1	10	7	------
3	57.39	56.95	24.5	27.9	92	79	NW 1	WbyN 2	10	9	------
4	57.61	56.96	23.8	26.4	91	89	Calm	Calm	9	9	18.3
5	57.91	57.65	22.7	26.4	94	86	Calm	Calm	7	8	49
6	58.46	57.65	23.5	29.4	93	72	Calm	Calm	9	9	------
7	58.10	58.16	23.4	26	94	83	Calm	S 1	4	8	.3
8	57.66	56.56	22.9	25.9	96	88	Calm	Calm	10	10	6.7
9	57.63	56.20	22.9	27.9	95	85	Calm	NNE 2	9	5	6
10	57.53	56.75	23.4	28.9	93	75	Calm	NNE 1	10	6	2.8
11	57.60	57.05	23.8	26.5	92	82	Calm	Calm	10	9	4.4
12	57.30	56.49	22.8	28.6	96	75	Calm	NNE 2	4	2	------
13	57.22	57.20	24.2	27.1	93	82	Calm	S 1	10	10	47
14	57.23	57.17	23.5	27.2	95	81	Calm	Calm	10	10	16.5
15	57.04	56.70	22.4	26.7	95	86	Calm	Calm	8	8	11.4
16	56.58	56.62	23.8	25.6	94	86	Calm	Calm	10	10	3
17	55.88	56.39	23.4	25.3	95	89	Calm	Calm	7	10	14.5
18	56.20	56.10	23.2	27	93	87	Calm	NE 1	7	9	4.1
19	56.38	55.73	22.5	30	96	77	Calm	NE 2	5	7	------
20	56.71	55.82	23.5	28	95	87	Calm	NbyW 1	3	8	10.7
21	56.78	55.92	23	26	96	87	Calm	NNE 1	9	10	21.8
22	56.20	55.82	22.7	28.4	94	78	Calm	WNW 1	1	8	26.9
23	55.85	55.22	23.2	27.4	95	83	Calm	Calm	5	7	28.7
24	56.06	55.65	22.6	27.8	95	84	Calm	Calm	1	6	5.9
25	57.23	56.73	24.1	28.7	91	72	Calm	S 1	10	5	2.5
26	57.27	56.57	23.8	27.4	93	83	Calm	Calm	10	10	3.3
27	57.51	56.63	25.9	28	80	80	W 2	Calm	9	10	------
28	56.83	56.24	24.8	29.6	90	66	Calm	WbyS 2	8	10	------
29	56.68	56.41	24.2	27.2	92	82	Calm	Calm	8	10	2.8
30	56.51	56.27	22.9	28.1	94	79	Calm	NNE 1	7	10	------
31	56.44	56.35	23.3	26.3	90	85	Calm	Calm	8	10	2
Mean	57.04	56.54	23.4	27.6	93.1	81	0.1	0.7	7.5	8.2	------
Total	-----	-----	-----	-----	-----	-----	----------	----------	-----	-----	288.6

AUGUST.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	57.18	56.87	23.3	27.2	95	87	Calm	NbyE 1	3	8	46.5
2	57.45	57.11	23.4	29.3	97	81	Calm	NNW 1	4	8	.5
3	58.27	57.63	23.8	26	94	91	Calm	WNW 1	8	6	33.3
4	59.74	58.56	24.5	28.9	92	74	Calm	W 1	10	9	5.9
5	59.52	58.39	23.2	29.7	97	64	Calm	S 1	4	9	.3
6	58.23	57.61	23.5	29.6	94	70	Calm	S 1	4	6	------
7	58.25	57.81	24.3	27.9	93	84	Calm	Calm	10	9	10.4
8	58.41	57.95	24.3	29.9	92	75	Calm	W 3	2	8	------
9	58.55	57.02	24.2	29.9	94	73	Calm	S 2	10	9	------
10	57.37	56.51	24.7	28.4	92	77	Calm	Calm	10	10	2.8
11	56.59	55.29	24.9	29.7	89	73	Calm	Calm	10	9	------
12	56.43	55.62	25.6	29.8	91	76	Calm	NNE 3	10	7	------
13	56.64	55.98	25.2	30.7	88	64	Calm	SSW 2	5	3	------
14	57.54	57.88	25.3	23.4	96	91	Calm	S 1	10	10	75.4
15	58.42	59.07	24.3	25.9	92	84	Calm	S 1	10	9	22.9
16	58.77	58.06	23	27.7	95	75	Calm	S 3	6	9	.3
17	57.94	57.27	23.6	31.1	93	63	Calm	S 2	10	4	.8
18	58.50	57.48	23.9	28.2	91	79	Calm	W 2	8	7	------
19	58.32	57.52	23.5	27.3	93	79	Calm	Calm	4	10	.3
20	57.63	57.28	23.3	26.3	92	83	Calm	Calm	8	10	75
21	58.20	58.32	23.4	24.3	90	92	Calm	Calm	10	10	20.6
22	59.01	57.45	22.5	28.6	96	77	Calm	NEbyN 2	10	7	7.1
23	58.06	57.01	23.3	27.5	95	84	Calm	W 1	9	10	12.7
24	57.13	56.30	23.9	27.2	95	84	Calm	N 1	10	10	9.4
25	56.89	56.57	22.6	26.6	97	83	Calm	Calm	8	9	13.7
26	57.56	57.53	22	24	95	92	Calm	SSW 1	7	10	14.5
27	56.35	56.20	23.8	29.3	96	75	Calm	N 1	6	3	6.6
28	56.85	56.37	22.8	26.9	88	84	Calm	Calm	10	8	2.3
29	56.95	56.90	22.2	28.7	93	76	Calm	NNE 2	4	7	------
30	56.96	56.68	22.6	29.3	94	75	Calm	NEbyN 1	8	6	2.8
31	57.77	57.77	24.4	24.8	92	92	Calm	S 1	7	10	44.4
Mean	57.79	57.23	23.7	27.9	93.3	79.3	0	1.1	7.6	8.1	------
Total	-----	-----	-----	-----	-----	-----	----------	----------	-----	-----	408.5

JOLO.

[ϕ=6° 03′ N; λ=121° 00′ E; barometer above sea, 59 meters; gravity correction not applied, —1.93 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	58.19	57.96	23.6	26.6	93	89	Calm	Calm	10	10	3
2	57.79	56.36	22.9	27.1	95	86	Calm	N 1	6	9	15.2
3	56.08	55.19	23.5	30.8	96	60	Calm	S 2	8	5	.3
4	55.92	54.79	23.9	30.9	92	60	Calm	SE 2	9	10	------
5	56.28	56	23.7	29.8	92	69	Calm	SE 2	10	10	------
6	56.64	55.78	23.9	32.4	93	48	Calm	SE 3	9	4	------
7	56.47	54.98	24.5	29.7	92	74	Calm	NNE 1	9	8	1.8
8	56.99	56.63	24.2	27.3	94	86	Calm	NW 3	10	8	2
9	56.74	56.05	23.2	28.4	96	81	Calm	W 1	6	9	1.8
10	56.57	55.98	23.8	29.2	90	70	Calm	S 2	10	8	7.6
11	57.62	57.03	23.4	26.4	94	82	Calm	Calm	10	10	3.5
12	58.28	57.57	23	24.2	95	93	Calm	Calm	7	10	65
13	57.36	56.71	23.8	28.1	92	75	Calm	W 1	10	10	------
14	56.47	55.95	21.9	28.3	90	72	Calm	Calm	6	6	------
15	56.26	55.73	22.8	29.5	91	70	Calm	NbyW 1	4	5	------
16	56.69	55.90	23.8	29	92	81	Calm	N 2	6	5	------
17	56.63	55.26	23.1	29.5	94	68	Calm	WbyN 1	8	6	7.6
18	56.59	55.68	23.6	26.8	94	85	Calm	Calm	10	10	8.6
19	56.65	56.16	24.3	24.8	89	87	Calm	Calm	8	10	8.6
20	56.89	55.95	23.9	30	91	69	Calm	W 1	10	6	14
21	56.39	56.10	23	27.3	90	78	Calm	W 3	7	10	2.8
22	56.22	55.80	24.9	26.7	91	83	Calm	WbyN 1	10	10	43.5
23	55.57	54.60	26?	29.4	85?	79	S 1	W 3	10	10	7.9
24	55.23	55.14	24.5	29.4	88	64	WSW 2	SW 2	10	10	------
25	55.56	54.93	25.7	28.9	89	74	Calm	SSW 3	10	10	------
26	55.54	54.74	25.2	30.7	78	64	S 2	SbyW 3	9	8	------
27	56.69	57.06	25.7	23.9	91	91	Calm	W 1	10	10	44.2
28	56.40	55.37	25?	29.9	65?	67	Calm	N 1	10	6	------
29	56.04	55.60	24.8	29.3	88	79	Calm	Calm	10	10	1.3
30	57.22	56.05	23.7	28.3	92	77	Calm	NW 1	10	7	8.7
31	-----	-----	-----	-----	-----	-----	------	------	-----	-----	------
Mean	56.60	55.90	24	28.4	90.4	75.4	0.2	1.4	8.7	8.3	------
Total	-----	-----	-----	-----	-----	-----	------	------	-----	-----	247.4

OCTOBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12) 6 a. m.	Wind, direction and force (0–12) 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10*	*mm.*
1	57.39	55.85	23.3	28.9	96	80	Calm	NE 1	4	8	9.1
2	57.95	57.21	24.5	26.9	94	75	E 2	S 1	10	10	5.3
3	57.43	57.25	23.9	28.4	93	73	Calm	NNE 1	8	7	1.8
4	58.01	57.15	22.8	28.5	94	77	Calm	NNE 1	9	8	.3
5	58.46	57.64	22.7	24.9	92	92	Calm	NEbyN 1	8	10	55.9
6	57.50	56.05	22.7	28.7	94	75	Calm	NNE 1	8	8	3
7	56.54	55.49	22.9	29.4	95	76	Calm	NEbyN 2	6	8	------
8	56.76	56.28	23	29.3	91	72	Calm	NNE 1	8	6	------
9	57.39	56.97	22.5	27.4	91	86	Calm	SW 1	5	8	5.3
10	58.23	56.73	23.3	29.9	93	75	Calm	NNE 1	9	5	2.8
11	57.30	55.92	24.4	25.5	95	88	Calm	Calm	8	10	34.8
12	55.91	55.91	22.9	27.8	96	81	Calm	NNE 1	4	10	.3
13	56.54	56.40	23.5	26.9	95	83	Calm	W 1	8	10	12.2
14	56.62	55.75	22.4	26	95	89	Calm	Calm	9	10	6.6
15	55.65	54.69	23.6	28.2	95	80	Calm	NbyW 1	8	9	2.3
16	56	54.63	23.7	29.3	93	80	Calm	NE 2	8	10	------
17	56.07	55.46	24.2	26.2	93	84	Calm	Calm	9	10	4.3
18	56.89	55.48	23.5	27.1	95	78	Calm	Calm	10	10	14.7
19	56.09	54.41	23.6	26	96	89	Calm	Calm	6	9	7.1
20	55.65	54.66	24.4	25.4	97	91	Calm	Calm	10	10	62
21	57.10	55.49	24.5	28.3	92	72	Calm	W 4	10	7	1.3
22	57.04	55.35	24.9	30	92	71	Calm	Calm	10	5	------
23	56.58	55.50	23.8	28.1	94	72	Calm	Calm	6	9	------
24	57.53	57.73	24.1	25.5	92	88	Calm	NE 1	10	10	14.5
25	57.90	57.37	23.3	27.4	95	81	Calm	NE 1	9	10	14.9
26	58.84	57.43	23.1	28.9	82	70	S 1	W 3	10	6	.3
27	57.46	56.13	27.2	27.2	81	82	NW 1	W 1	9	10	3.8
28	56.14	55.75	23.5	26.4	94	86	Calm	SW 1	10	10	17.8
29	57.11	57.26	23.1	25.7	94	84	Calm	SW 1	10	10	36.8
30	57.85	57.37	24.4	24.5	95	92	S 1	Calm	10	10	27.7
31	56.88	55.50	24.2	27.3	93	81	Calm	W 1	4	5	2.8
Mean	57.06	56.16	23.7	27.4	93.1	80.7	0.2	0.9	8.2	8.6	------
Total	-----	-----	-----	-----	-----	-----	------	------	-----	-----	347.7

NOVEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	55.29	54.19	22.8	28.9	92	67	Calm	SW 1	7	8	3.3
2	54.91	54.95	22.8	28.7	94	78	Calm	S 1	5	10	------
3	56.37	55.66	23	27.6	91	72	Calm	W 1	1	7	------
4	56.70	55.55	22.9	28.9	96	76	Calm	W 2	6	9	40.4
5	56.16	55.47	27.2?	24.6	82?	98	N 3	W 3	10	10	57.9
6	56.23	54.94	23.5	28.8	96	77	Calm	N 2	9	7	.3
7	56.44	55.60	23.9	29.4	92	71	Calm	N 2	8	7	5.6
8	56.92	56.88	25.2	25	92	92	Calm	NNW 2	10	10	5.4
9	57.68	56.15	24.5	27.4	94	82	Calm	Calm	10	7	.3
10	56.89	55.91	23.6	27.9	94	84	Calm	NW 2	9	10	16.8
11	56.15	55.68	23.4	28.8	94	77	Calm	N 2	8	9	1.3
12	55.78	54.84	24.3	31	93	64	Calm	ENE 1	4	9	------
13	56.54	55.67	23.5	28.7	95	76	Calm	WNW 1	9	9	10.4
14	56.24	55.35	23.9	27.9	96	77	Calm	Calm	9	9	4.1
15	56.04	55.42	24	26.9	94	85	Calm	N 1	9	10	13.4
16	56.03	54.99	25.4	29.7	94	71	NW 1	W 1	9	5	------
17	57.06	55.40	23.3	30.3	93	66	Calm	S 1	4	5	------
18	57.68	56.98	24.1	26.8	94	85	Calm	Calm	5	10	2.3
19	57.44	56.63	24	24.1	90	91	Calm	Calm	7	10	10.7
20	57.01	56.17	23.4	24.9	96	89	Calm	Calm	6	10	2.1
21	57.33	56.98	24.3	25.4	92	89	Calm	Calm	10	10	27.5
22	57.27	56.57	22.1	27.4	94	84	Calm	Calm	8	10	1.8
23	57.50	56.13	22.8	29.7	93	69	Calm	W 1	7	6	------
24	56.90	55.46	23.2	29.5	93	70	Calm	W 1	6	5	------
25	55.72	54.68	25.5	30.2	88	72	Calm	NNW 1	4	5	.5
26	54.56	54.05	26.9?	27.9	83?	81	WNW 2	Calm	4	7	7.4
27	55.38	54.62	24.4	28	95	77	Calm	W 4	5	9	7.9
28	55.84	55.20	24.1	28.8	94	78	Calm	W 1	9	10	1.3
29	55.52	55.27	27.4	25.1	82	88	W 1	Calm	9	10	11
30	55.84	54.95	26.6	27.2	86	82	NNE 5	NNE 4	10	9	2.8
31	-----	-----	-----	-----	-----	-----	------	------	-----	-----	------
Mean	56.38	55.54	24.2	27.8	92.1	78.9	0.4	1.2	7.2	8.4	------
Total	-----	-----	-----	-----	-----	-----	------	------	-----	-----	234.5

DECEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12) 6 a. m.	Wind, direction and force (0–12) 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	55.14	54.11	25.5	28.3	88	73	Calm	NNE 2	9	10	------
2	55.21	54.78	26.7	29.3	80	72	NNE 2	N 1	10	10	------
3	55.79	55.59	23.3	27.2	94	85	Calm	Calm	9	10	0.5
4	56.44	55.17	23.9	26.4	91	88	Calm	Calm	4	10	4.8
5	55.65	54.19	23	29.3	95	72	Calm	Calm	7	6	.5
6	54.83	54.05	24.3	29.4	95	77	Calm	NNE 1	9	9	.5
7	54.77	53.85	27	29.7	83	65	NE 1	NNE 1	5	6	------
8	55.31	54.19	24	27.9	95	78	Calm	S 1	6	8	------
9	55.21	54.58	23.5	26.2	94	90	Calm	Calm	7	8	7.9
10	55.83	55.11	23.3	28.3	96	75	Calm	SSE 1	7	8	.3
11	55.45	54.66	23.3	27.2	96	81	Calm	Calm	5	7	5.1
12	55.24	53.94	23.5	30.4	95	71	Calm	NNW 1	10	6	1
13	55.08	53.91	24.8	28.3	93	79	Calm	N 1	10	9	------
14	54.22	53.32	26.3?	28.3	88?	82	Calm	Calm	10	10	16.8
15	54.61	53.22	24	26.2	91	87	Calm	NE 1	10	10	.8
16	54.28	52.81	23.6	27.9	94	82	Calm	ENE 1	10	9	8.4
17	54.15	53.73	24.4	24.6	96	94	Calm	Calm	10	10	44.7
18	54.25	53.16	23.5	29.6	96	70	Calm	SbyW 1	9	8	5.1
19	54.99	54.46	23.5	26.4	94	84	Calm	Calm	10	10	1.1
20	55.39	54.52	22.1	27.4	92	85	Calm	Calm	6	9	9.4
21	55.76	54.42	23.5	29.4	94	71	Calm	S 2	10	7	37.1
22	55.85	54.51	23.8	25.8	96	88	Calm	Calm	10	10	34.8
23	55.81	54.44	23	28.3	97	77	Calm	N 1	10	10	.3
24	55.60	54.82	23.3	27.9	95	82	Calm	NNE 3	7	10	------
25	55.91	55.32	26.9	26	79	89	NW 1	NbyE 2	10	10	27.4
26	55.55	54.04	25.5	25.3	86	88	NW 3	WNW 2	10	10	27.4
27	54.24	52.93	23.2	26	94	84	Calm	NE 1	10	10	16.7
28	53.30	52.34	23.9	27.5	97	79	Calm	SbyW 3	10	10	15.3
29	55.09	53.93	24.2	28.5	92	73	Calm	SSW 3	10	10	4.3
30	54.99	54.21	24.4	27	92	80	Calm	SSW 2	5	10	17.8
31	55.68	54.96	23.3	26.3	94	89	Calm	SSE 2	6	7	9.1
Mean	55.15	54.17	24.1	27.6	92.3	80.3	0.2	1.1	8.4	8.9	------
Total	-----	-----	-----	-----	-----	-----	------	------	-----	-----	297.1

ZAMBOANGA.

[$\phi = 6°\ 54'$ N; $\lambda = 122°\ 05'$ E; barometer above sea, 6 meters; gravity correction not applied, −1.91 mm.]

JANUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	56.55	56.21	24.2	24	92	91	Calm	NNW 2	5	10	9.6
2	55.74	56.18	23	24.5	90	94	N 1	WSW 3	6	10	12
3	57.44	56.65	23.2	28.1	96	79	Calm	WSW 3	9	9	1.5
4	59.06	58.20	23.4	28.3	90	84	N 1	SSE 3	8	7	------
5	59.27	58.60	23	28.5	90	80	N 1	WSW 2	2	5	------
6	58.82	57.93	23.9	29.2	87	76	N 1	SW 2	8	6	------
7	58.87	57.37	23.3	29.5	92	70	N 2	EbyN 2	8	5	------
8	59.28	58.66	23.9	29.7	91	77	N 1	WSW 2	3	4	------
9	59.75	58.92	24	29.5	91	72	NbyW 1	WSW 2	2	7	------
10	59.59	58.56	23.3	31.5	86	66	N 1	ESE 3	3	3	------
11	59.90	58.08	23	31.7	91	60	N 1	ESE 3	3	4	------
12	58.13	57.50	24	25.9	87	81	N 1	WNW 3	4	8	------
13	57.98	56.27	23.6	29.7	90	73	NNW 1	WSW 2	6	7	------
14	56.50	55.15	23.8	29.8	91	73	N 1	W 2	4	8	6.1
15	55.67	55.25	24.4	28.9	95	80	N 1	W 4	10	10	6
16	55.90	55.35	24.3	27.3	97	84	NNW 1	SE 2	10	10	3.6
17	56.12	55.59	25	28.7	90	73	NE 1	SSW 2	7	6	------
18	57.02	56.73	23.5	29.2	90	70	N 1	SSW 2	7	5	------
19	57.42	56.58	22.3	28	95	84	NbyW 1	SSE 2	3	7	------
20	57.98	56.27	22.4	28.9	94	69	N 1	SSW 2	3	5	------
21	57.17	56	24	28.7	86	74	NNW 1	W 2	5	7	------
22	56.70	55.28	24.7	28.9	82	76	NNW 1	W 3	5	7	------
23	56.57	55.96	25.8	24.5	87	92	NNW 2	WNW 2	10	10	128
24	57.99	56.27	23.4	24.4	100	97	WbyN 4	WSW 2	10	10	81.3
25	57.07	56.45	25?	26.5	92?	86	WNW 1	SSW 2	10	5	2.1
26	56.03	55.76	25.5	27	91	84	SSE 2	SSW 2	10	10	1.6
27	56.02	55.61	25	25	92	92	NE 2	SE 2	10	10	39.8
28	56.62	55.70	24	28.2	94	82	NNE 1	SSE 2	5	9	10.4
29	56.78	55.54	24.5	28.5	94	80	NW 1	SW 2	4	6	------
30	57.18	56.03	22.7	28	89	80	NbyE 1	SSE 2	2	6	------
31	56.81	55.85	23.4	29.4	93	78	NbyW 1	WSW 2	2	4	------
Mean	57.48	56.60	23.9	28.1	91.1	79.3	1.2	2.3	5.9	7.1	------
Total	------	------	------	------	------	------	------	------	------	------	302

FEBRUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	56.42	55.70	23	28	91	80	NbyE 1	SE 3	2	4	------
2	56.77	56.20	23.9	29	91	76	N 1	SSE 2	6	6	------
3	57.36	57.13	23.5	27.9	87	82	N 2	SEbyS 3	4	7	------
4	57.93	57.67	22.8	28.5	89	80	N 2	WSW 3	5	5	------
5	58.12	57.75	22.4	29.4	88	76	NNW 2	WSW 2	4	4	------
6	58.81	57	23.3	29.5	90	78	NNW 2	WSW 3	5	4	------
7	57.02	56.20	22.8	29.3	88	78	N 1	W 2	2	5	------
8	56.89	56.36	23.4	28	88	80	N 1	W 2	6	7	------
9	58.34	57.54	20	31.5	79	51	N 2	SSW 2	3	3	------
10	59.13	58.28	21.3	29.1	79	61	N 1	SSW 2	5	5	------
11	58.88	58.29	21.5	30.3	87	61	N 1	ENE 2	5	6	------
12	58.43	58.38	23.5	28.3	91	80	NNW 1	SSE 2	7	8	3.6
13	58.93	58.13	23.8	29	86	74	NNW 1	WSW 2	9	8	21.6
14	59.75	58.03	22.8	28.5	97	78	NE 1	WSW 2	9	5	------
15	58.39	57.70	23.5	27.9	91	79	NNW 1	SW 2	7	7	------
16	58.83	57.68	24.1	27.9	91	74	NbyW 1	SSE 2	6	9	------
17	58.62	57.19	23.5	27.9	89	80	N 1	SW 2	9	9	------
18	57.58	55.48	24.5	29.4	86	75	NNW 1	W 2	4	8	.8
19	56.08	55	23.5	27	96	84	E 1	WSW 2	9	9	3.3
20	55.72	55.31	23.8	26	97	93	NbyE 1	SE 2	8	10	9.8
21	56.30	56.04	25.4	26.2	92	86	SW 4	WSW 3	8	8	4.3
22	57.52	56.29	24	29	91	77	NbyW 1	W 3	5	6	------
23	57.15	56.54	23	29.1	89	75	NNW 1	WSW 3	4	5	------
24	57.12	56.78	22.4	27.5	88	78	N 1	SE 2	7	9	------
25	57.76	56.39	22	29.3	87	62	N 1	W 3	8	6	------
26	57.17	55.79	23.3	30.5	86	65	NNW 1	S 2	8	6	------
27	56.73	55.99	21.7	29.7	87	65	N 1	SbyE 2	7	5	------
28	56.87	56.18	21	29.2	89	65	NNW 1	WSW 2	2	3	------
29	57.75	56.23	24.1	30.4	85	70	Calm	WbyS 2	8	7	5.3
30	------	------	------	------	------	------	------	------	------	------	------
31	------	------	------	------	------	------	------	------	------	------	------
Mean	57.67	56.80	23	28.7	88.8	74.6	1.2	2.3	5.9	6.3	------
Total	------	------	------	------	------	------	------	------	------	------	48.7

MARCH.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	57.06	56.50	24.5	27.8	92	84	NNW 1	WSW 2	9	8	2.3
2	57.03	56.02	23.1	30.4	90	61	NNE 1	NE 3	4	7	------
3	57.49	57.27	24.5	30.2	89	65	ENE 1	ENE 3	8	6	------
4	59	58.15	23.4	28.2	88	81	NNE 1	SE 3	8	4	------
5	58.98	58.05	22.5	29	87	78	N 1	WSW 3	2	4	------
6	57.87	57.21	23.8	26.7	88	83	NbyW 1	NW 2	8	8	------
7	57.32	56.75	22.4	29	90	78	N 1	WSW 3	3	6	------
8	58.41	57.39	23.4	28.5	92	80	NNW 1	WSW 2	4	6	------
9	58.77	58.13	23.5	28	90	80	N 1	WSW 2	4	7	------
10	58.07	57.29	24.2	26.2	93	88	Calm	SW 2	9	8	1.3
11	57.39	56.73	23.3	28.6	90	72	N 1	WSW 2	8	6	------
12	57.91	57.05	23.4	28.3	92	81	NNE 1	W 2	8	7	4.3
13	58.45	57.57	23.7	29.5	96	75	NNE 1	WSW 2	7	6	------
14	57.51	56.89	23.3	28.5	89	73	NbyW 1	WSW 2	6	7	------
15	56.94	55.79	24	28.3	89	73	N 1	WNW 2	4	7	------
16	56.70	55.80	24.5	29.8	86	65	NE 1	SE 2	8	7	19.8
17	58.03	57.41	24	27.8	96	80	NE 1	SE 2	8	8	------
18	58.06	57.13	24	30	96	70	NE 1	E 2	8	7	------
19	58.02	57.20	23.5	28.7	87	75	N 1	WSW 2	3	5	------
20	57.82	57.12	22.5	30.5	92	62	N 1	SSE 2	3	5	------
21	58	58.14	23.2	28.7	90	79	N 2	WbyS 2	3	7	------
22	58.65	58.18	24.1	28.8	93	78	N 1	WSW 2	6	6	------
23	59.15	58.50	24.2	28.8	90	75	N 1	WbyS 2	6	5	------
24	59.88	59.37	24.3	28	91	75	NNW 1	WSW 2	5	6	1.8
25	59.60	58.08	23.8	28.8	93	72	NbyW 1	WSW 2	3	3	------
26	59.26	58.15	24	29.2	92	73	N 1	W 2	7	7	------
27	58.72	58.41	24.2	31	92	58	ENE 1	E 2	5	5	2.6
28	59.08	58.07	23.8	28.5	91	76	NNE 1	SW 2	5	5	------
29	58	56.30	24	29.3	85	72	NNW 1	SE 3	5	4	------
30	57.81	57.08	23.5	28.9	90	75	NbyW 1	WSW 2	3	6	------
31	57.56	56.37	25.5	29	82	76	NWbyN 1	WSW 2	6	7	------
Mean	58.15	57.36	23.7	28.8	90.4	74.6	1	2.2	5.5	6.1	------
Total	------	------	------	------	------	------	------	------	------	------	32.1

APRIL.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	56.81	56.45	24	29.4	85	78	Calm	WSW 2	3	5	------
2	57.54	57.05	23.3	28.4	86	76	N 2	WbyS 2	7	8	------
3	59.22	58.54	23.3	29.3	86	70	NbyW 1	WSW 2	5	5	------
4	59.66	58.78	22.7	28.2	85	82	NbyW 1	WSW 2	5	8	------
5	59.99	58.88	24	27.8	81	77	NNW 1	SE 2	8	8	7.6
6	60.05	58.91	24.5	30.7	87	65	NNW 1	EbyN 3	5	7	------
7	60.11	59.34	25	29	89	81	WNW 1	WNW 3	4	8	19.6
8	60.04	58.53	23.4	30.4	94	64	NbyE 1	E 3	7	8	9.7
9	59.34	58.07	23.7	29	94	76	N 1	swbyw3	7	5	------
10	58.98	58.10	24.2	28.7	97	74	NNW 1	W 2	6	6	------
11	58.20	57.09	24.5	28.5	89	76	N 1	SSE 2	9	8	13
12	58.30	57.70	23.6	30	90	71	N 1	WSW 2	8	6	------
13	58.40	57.80	24.2	28.8	90	78	NNW 1	SE 3	7	7	------
14	58.87	57.70	24.7	28.4	87	80	N 1	SSE 3	8	8	.3
15	57.30	56.90	22.9	28.5	94	76	NNW 1	WSW 2	3	7	------
16	57.40	56.55	24.2	27.4	87	77	N 1	WbyS 2	7	9	------
17	57.02	56.09	24.5	28.7	92	81	WNW 1	W 2	6	8	------
18	56.88	55.50	23.9	29	92	81	NbyW 1	WSW 2	5	4	------
19	57.05	56.05	23.5	29.2	91	78	NNW 1	WSW 2	3	4	------
20	57.10	56.06	23.9	29.4	89	77	NNW 1	WSW 3	3	4	------
21	56.93	55.83	22.6	28.9	82	77	NbyW 1	WSW 3	1	5	------
22	56.80	56.07	23	29.7	79	75	N 1	WSW 2	2	5	------
23	56.64	56.02	22.8	28.6	84	72	N 1	SW 2	1	4	------
24	56.58	55.88	24	29.3	83	72	NNW 1	SSE 3	2	8	------
25	56.71	55.77	24.5	30.3	83	68	N 1	WSW 2	4	4	------
26	57.59	56.14	24.4	30.5	88	72	NNW 1	WSW 2	6	3	------
27	57.87	56.88	24.4	30.2	86	70	N 1	SSE 3	8	5	2.7
28	57.57	56.80	24.7	28	91	82	NNW 1	N 1	8	9	11
29	57.72	56.97	23.8	28.6	91	78	N 1	W 2	9	9	------
30	57.72	57.34	24.5	28.4	87	71	NNW 1	W 2	7	9	------
31	------	------	------	------	------	------	------	------	------	------	------
Mean	58.01	57.13	23.9	29	88	75.2	1	2.3	5.5	6.4	------
Total	------	------	------	------	------	------	------	------	------	------	63.9

ZAMBOANGA.

[$\phi = 6°\ 54'$ N; $\lambda = 122°\ 05'$ E; barometer above sea, 6 meters; gravity correction not applied, —1.91 mm.]

MAY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	57.94	57.10	23.3	29.6	84	74	N 1	WSW 3	3	7	------
2	57.16	55.95	23.5	28.6	85	77	N 1	WbyS 2	7	9	------
3	56.81	56.03	24	29.2	85	78	NbyW 1	W 3	5	9	------
4	57.12	56.80	26.5	29.6	88	77	SW 4	WbyS 3	9	7	------
5	56.97	56.09	25.5	28.8	91	77	WbyS 1	W 2	8	10	4.5
6	57.13	55.80	24.2	24.2	96	100	NE 1	NbyW 2	10	10	44.9
7	56.28	56.50	25.2	28.3	90	71	SE 3	SSW 3	10	10	11.4
8	57.68	57.62	24.5	25.2	89	83	NNW 1	SSW 4	10	10	35.3
9	58.57	58.59	22.5	27.4	96	78	WNW 2	E 2	10	10	5
10	59.19	57.88	23.4	29.7	91	68	NNE 1	SSE 2	7	7	------
11	58.37	57.49	23.8	28.7	89	73	N 1	SE 2	3	7	------
12	58.70	57.69	22.9	29.3	92	72	NNE 1	SSE 2	5	5	------
13	58.25	57.53	23.8	27.7	89	81	NNE 1	NW 2	5	8	------
14	57.77	56.03	23.5	28	85	82	N 1	SSE 2	8	7	------
15	56.53	56.01	23.2	30.3	93	67	N 1	ESE 2	3	5	7.7
16	57.61	57.64	23.5	27.6	97	76	NEbyN 2	SSE 2	9	9	8.5
17	58.92	57.83	24	29.2	91	75	NbyE 1	SW 2	6	8	------
18	58.56	57.36	25.1	29	93	69	SSE 3	SE 2	10	5	1.
19	57.50	57.28	24.2	28.9	91	76	N 1	SE 2	8	7	------
20	57.77	57.48	24.5	25.7	84	92	N 1	NW 2	5	7	3.3
21	58.07	56.95	23.1	28.8	90	70	N 1	SSE 2	4	7	------
22	57.40	56.57	24	28.3	87	75	NNW 1	WSW 2	8	7	------
23	56.81	56.05	23.5	28.6	89	78	NE 1	WSW 2	8	3	------
24	56.92	56.02	23.9	29	91	78	NNW 1	WSW 2	3	5	------
25	56.67	56.63	25	27.5	92	86	NNW 1	WSW 2	4	9	31.2
26	56.61	56.61	26.9	26.6	90	89	SW 3	WNW 2	8	9	4.3
27	56.80	55.55	23	27.2	94	87	N 1	SE 2	3	8	------
28	56.48	56.14	23.6	28.5	86	78	N 1	SSE 2	6	8	------
29	56.33	56.04	24.5	28.8	89	81	NbyE 1	SSE 2	5	9	------
30	57.75	56.92	23.8	29.5	91	75	NNW 1	W 2	7	7	------
31	58	57.79	23.5	24.6	90	92	N 2	N 1	5	10	1.4
Mean	57.51	56.84	24.1	28.1	89.9	78.6	1.4	2.2	6.4	7.7	------
Total	------	------	------	------	------	------	------	------	------	------	162.6

JUNE.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	57.23	57.09	23.5	28	90	86	N 1	WbyS 2	4	8	------
2	56.75	56.42	24.2	27.2	90	81	N 1	SW 3	8	9	------
3	56.51	56.53	25.5	27.2	88	86	NWbyN 1	SSW 2	4	8	1.9
4	56.58	56.54	23.8	28.1	95	77	Calm	WSW 2	9	8	------
5	57.43	56.25	24.5	30	87	71	N 1	WbyS 2	8	5	------
6	56.82	55.24	24.1	29.5	93	74	N 1	W 2	5	8	------
7	56.46	55.45	25	29.2	88	78	NNW 1	WSW 2	6	9	1
8	55.79	55.40	25	26.6	88	85	W 1	W 2	5	9	.5
9	55.82	55.24	24.7	28.2	88	77	W 2	WSW 2	9	4	------
10	56.45	55.19	24.3	28.3	92	81	NWbyN 1	WbyS 2	6	6	------
11	56.66	55.29	24.3	27.3	91	89	NW 1	S 2	6	8	------
12	56.19	54.68	25.3	29.3	92	75	NNW 1	ESE 2	6	8	------
13	55.36	54.67	25.2	28.9	88	76	NbyE 1	WSW 2	8	9	2.2
14	56.33	55.65	24.1	28.5	91	78	N 1	SE 2	7	5	------
15	56.72	56.39	24.1	30	86	75	N 1	SSW 2	4	5	------
16	56.57	55.58	23.7	30	86	73	NbyE 1	W 2	4	5	------
17	56.49	54.70	26	28.5	92	81	NW 1	WSW 2	8	4	27.5
18	57.96	57.64	23.6	24	94	92	S 2	WSW 3	10	10	8.6
19	57.97	57.92	23.1	26.6	93	80	NNW 1	WSW 3	10	9	------
20	58.57	57.20	23.5	29	91	74	NNW 1	W 2	6	5	------
21	57.95	57.09	24.2	28.5	84	78	N 1	WNW 1	7	7	4.4
22	58.90	56.83	24.3	28.9	87	67	NNE 1	SSE 2	9	8	------
23	58.17	57.50	25.5	29	90	74	NE 2	W 2	9	10	.5
24	58.85	58.36	24.3	28.2	87	79	NbyE 1	W 2	5	6	5
25	59.95	59.13	23.6	28	95	79	NbyW 1	WSW 2	5	5	5.6
26	59.33	58.77	24	28.4	90	78	N 1	SWbyW 2	8	4	18.8
27	59.88	58.53	23.1	28.1	90	75	NNW 1	SSE 2	9	8	------
28	59.05	58.95	24.8	26.7	89	81	WNW 1	WNW 2	7	9	.3
29	59.20	59.51	22.7	24.5	94	89	NEbyN 1	WNW 2	8	10	1
30	59.32	58.21	22.4	29.2	89	64	NbyW 1	SSW 2	3	5	------
Mean	57.61	56.73	24.2	28.1	89.9	78.4	1.1	2.1	6.8	7.1	------
Total	------	------	------	------	------	------	------	------	------	------	77.3

JULY.[a]

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm. (b)	*mm.* (b)	*°C.* (b)	*°C.* (b)	*P. ct.* (b)	*P. ct.* (b)	(b)	(b)	*0–10.*	*0–10.*	*mm.*
1											
2											0.5
3		57.51					WSW 2			9	.9
4	58.83	57.95					NE 1	SE 3	8	8	------
5	59.12	58.50					NNW 1	SW 1	6	8	------
6	59.42	58.60					N 1	SE 2	6	7	------
7	59.02	58.60					Calm	SE 2	3	4	6.6
8	58.87	57.15	24	28.6	97	75	Calm	SSW 2	7	4	24.4
9	59.29	57.32	22.8	30	99	71	NNE 1	SE 2	10	8	3.8
10	58.62	57.55	25.1	28.5	88	81	NE 1	W 2	9	5	35.5
11	58.99	57.89	23	26.6	88	80	NNE 1	SW 1	9	8	.6
12	58.25	57.25	23	28.5	85	70	NNE 1	WSW 2	3	3	1.3
13	58.19	57.79	23.1	27.1	94	84	NE 1	WSW 1	8	8	21.6
14	58.30	58.08	23	29	99	73	NNE 1	ESE 2	10	6	40.2
15	58.13	56.83	23.5	28.3	90	80	NNE 1	W 2	4	8	4.8
16	57.28	56.42	23.8	26.7	96	86	NNE 1	WbyN 2	10	9	6.8
17	56.77	57.01	22.9	25	96	94	ENE 1	NNE 1	8	8	5
18	57.20	57.08	23.5	28.9	96	78	NNE 1	ENE 2	8	8	------
19	57.40	56.59	24	28.3	85	79	NNE 1	SW 2	8	4	------
20	57.65	56.66	23.5	28	93	81	NNE 1	W 2	4	7	------
21	57.88	56.63	23.6	29.1	91	74	NNE 1	WbyN 2	6	5	------
22	57.08	56.77	23.4	28.8	91	69	NNE 1	S 2	3	4	------
23	56.74	56.04	23.5	28.3	93	79	N 1	WSW 2	2	5	------
24	56.97	56.56	24	27.7	89	82	N 1	WSW 2	6	5	4
25	57.97	57.49	24.3	29.3	93	72	EbyN 1	NW 1	9	7	3.3
26	57.91	57.43	24.4	27.2	96	86	E 1	W 2	8	8	------
27	57.98	57.20	25.9	27	85	83	WSW 2	WbyN 3	7	8	.1
28	57.57	57.65	26.3	26.9	87	88	W 2	WNW 2	8	9	.5
29	57.49	57.25	25	27.4	91	83	NW 2	SSW 1	9	9	------
30	57.49	57.26	24.1	27	88	84	NEbyN 1	W 2	8	7	------
31	57.45	57.27	23.5	26.6	91	87	NNE 1	ESE 2	7	9	1.7
Mean	58	57.32	23.9	27.9	91.7	80	1	1.9	6.9	6.8	------
Total	------	------	------	------	------	------	------	------	------	------	161.6

AUGUST.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	58.09	58	24	27.7	89	82	NE 1	SbyE 2	5	9	0.1
2	58.49	57.84	24.8	29.4	92	74	NNE 1	SE 2	5	5	1
3	59.12	58.24	24.5	28.8	93	78	NNE 1	SSE 2	8	8	4.8
4	60.80	59.23	24.2	28.8	97	74	E 1	ESE 2	10	8	.4
5	60.27	59.38	23.3	27.8	91	73	Calm	W 3	3	6	------
6	59.29	59.08	24	29.6	89	69	NNE 1	ESE 2	3	2	------
7	59.06	58.62	25.2	29.9	86	74	NE 1	ESE 2	9	5	------
8	59.57	58.59	24.5	30.7	92	69	NNW 1	ESE 2	8	7	------
9	59.52	57.92	25	28.8	87	79	NNE 1	WSW 2	8	8	------
10	58.36	57.67	25	28.4	87	79	N 1	SW 2	9	9	------
11	57.79	56.47	24.1	30.4	87	66	NNW 1	WNW 2	7	8	------
12	57.69	56.93	24.3	28.6	86	80	N 1	SE 2	7	9	------
13	57.76	56.79	24.1	29.2	87	75	NNE 1	SE 2	4	4	------
14	58.53	58.75	25.7	26.7	93	81	NE 1	SE 2	7	8	1.8
15	59.67	59.12	25	29	76	74	NNE 1	SE 2	8	5	3.3
16	59.81	58.75	23.4	28.6	91	76	NE 1	SE 2	6	5	24.6
17	59.26	58.08	23.7	28.7	94	78	NNE 1	ESE 2	9	5	------
18	59.37	58.14	23.6	28.4	91	77	NE 1	W 3	4	7	------
19	59.39	58.83	24	28.5	86	80	NE 1	E 3	4	9	3
20	58.86	58.05	24.2	27.6	88	81	N 1	WbyN 2	8	7	11.1
21	59.25	58.83	23	27.7	94	79	NNE 1	SSE 2	8	8	------
22	59.85	58.67	23.7	28.7	88	73	N 1	ESE 2	7	4	------
23	58.94	57.83	24.4	27.2	81	83	NNE 1	WbyS 2	5	5	4.5
24	57.99	56.98	23.5	28.9	96	74	NNE 1	SE 2	6	6	40.3
25	58.37	57.08	23.4	28	97	80	N 1	W 2	9	5	8.2
26	58.29	57.90	24.6	27.3	88	84	W 1	WSW 3	6	6	------
27	57.18	56.59	23.4	29	85	76	NEbyN 1	SE 2	3	4	5.1
28	58.12	57.07	23.2	28.3	92	75	NNE 1	SSE 2	7	6	------
29	57.39	57.80	24.3	30	85	65	NNE 1	ESE 2	6	6	------
30	58	57.72	23.7	29.5	85	75	N 1	SE 2	5	4	------
31	58.83	57.89	24.7	28.5	82	79	ENE 1	W 2	8	5	6.3
Mean	58.82	58.03	24.1	28.7	88.9	76.2	1	2.1	6.4	6.1	------
Total	------	------	------	------	------	------	------	------	------	------	114.5

(a) Beginning with the afternoon of July 3, the height of the barometer above sea level was 6.5 meters.
(b) The instruments were dismounted and transfered to another locality and the thermometer shelter was in repair.

ZAMBOANGA.

[$\phi = 6°\ 54'$ N; $\lambda = 122°\ 05'$ E; barometer above sea, 6.5 meters; gravity correction not applied, —1.91 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.		Wind, direction and force (0–12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P. ct.*	*P. ct.*					*0–10.*	*0–10.*	*mm.*
1	59.49	58.55	23.4	27.5	97	81	N	1	WSW	2	10	7	1.5
2	58.94	57.43	22.8	28.8	90	70	NE	1	SE	1	7	3	------
3	57.22	56.57	25.2	29.5	80	70	NNE	1	ESE	2	6	8	------
4	57.09	55.97	24.7	29.5	88	68	NNE	1	ESE	3	8	8	------
5	57.27	57.24	25	28	90	77	NbyE	1	ESE	4	5	9	14
6	57.79	56.89	27.5	29.5	77	68	E	2	ESE	2	9	6	------
7	57.63	56.08	25.3	28.3	83	79	NE	1	WNW	2	7	7	1.4
8	57.98	57.18	24	28	93	79	NNE	1	WSW	2	7	7	------
9	57.63	56.90	23.7	28	92	77	NE	1	W	2	5	7	10.8
10	57.88	56.98	24.1	26.8	93	86	NNE	1	SSW	2	7	10	18.6
11	58.77	57.75	23.6	29	97	73	NE	1	ESE	2	9	7	9.3
12	59.42	58.09	24	29.5	91	75	NNE	1	SSE	2	7	7	------
13	58.63	56.95	24	28	86	79	NE	1	SSE	1	8	8	.3
14	57.89	56.60	23.7	28	96	77	NNW	1	SE	2	7	7	------
15	57.43	56.60	24	29.5	84	68	NE	1	SE	3	3	4	------
16	57.87	56.65	24.5	29	80	73	NNE	1	SE	3	4	4	------
17	57.71	56.50	24.3	28.7	86	68	NNE	1	W	2	8	8	------
18	57.67	56.50	24.3	27.9	83	78	NE	1	WNW	2	10	10	.8
19	57.87	56.73	24.7	28.8	93	71	NNW	1	W	3	8	9	14.8
20	58.26	56.82	23.7	29.1	92	69	ENE	1	WSW	3	9	6	------
21	57.50	56.30	25	27	----	----	NW	1	W	5	8	10	.3
22	57.32	56.17	24.5	27	90	81	W	4	W	5	10	10	------
23	56.46	55.73	26.5	28.6	79	76	W	1	W	4	10	10	------
24	56.15	55.94	27.3	28.7	86	69	SW	3	WSW	3	8	7	3.8
25	57.44	56.06	22.6	27.5	99	68	W	2	WSW	2	10	10	5.1
26	56.97	55.98	25	29.8	87	75	NNE	1	W	3	9	9	------
27	58.01	57.12	24.6	29	84	76	NNE	1	S	2	10	10	------
28	57.75	56.40	23.8	29.5	85	64	NNE	1	WNW	3	9	8	------
29	57.12	56.33	24.7	28.4	84	79	N	1	NE	1	10	10	------
30	58.27	56.79	24.1	29.9	86	69	NNE	1	ESE	3	10	3	------
31	------	------	------	------	------	------	------		------		------	------	------
Mean	57.78	56.73	24.5	28.6	88	73.9	1.2		2.5		7.9	7.6	------
Total	------	------	------	------	------	------	------		------		------	------	80.7

OCTOBER.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.		Wind, direction and force (0–12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P. ct.*	*P. ct.*					*0–10.*	*0–10.*	*mm.*
1	58.61	56.79	23.7	30	88	69	NE	1	SE	3	4	3	16.8
2	59.08	57.90	23.7	28.1	92	68	ENE	1	WSW	3	10	10	3.9
3	58.52	57.75	23	28.8	93	71	E	1	S	2	9	4	------
4	58.90	58.05	23.6	28.7	83	74	NNE	2	SE	3	6	4	------
5	59.47	58.08	23.7	28.7	81	70	NNE	1	SE	3	7	3	------
6	58.45	57.40	23.7	24.2	85	98	N	1	NNW	2	3	10	6.1
7	57.64	56.61	22.7	27.8	86	75	NE	2	S	2	8	9	------
8	57.84	57.20	23.8	28.1	86	73	N	1	SSW	1	3	4	------
9	58.77	57.78	24.4	28.8	85	74	NE	1	SE	3	3	3	------
10	59.34	57.50	24	28.5	88	78	NNE	1	WSW	3	8	8	------
11	58.50	56.48	23.7	29	85	74	ENE	1	E	4	8	4	------
12	57.14	56.69	24.8	26.8	79	81	NE	1	SW	4	7	10	1.5
13	58.11	57.30	23.9	27.5	93	73	NNE	1	S	3	10	9	------
14	57.64	56.50	23.7	27.7	90	76	NE	1	E	2	8	10	------
15	56.94	55.69	23.7	28.5	83	70	N	1	SE	2	7	6	.5
16	57.06	55.75	24.4	27.3	86	78	NNE	1	SE	2	9	8	------
17	57.44	56.30	24.3	27.9	87	77	NE	1	SSE	2	10	8	------
18	57.83	56.25	24.5	28.2	84	71	NNE	1	WNW	1	10	10	------
19	57.10	54.77	23.7	29.6	87	70	NNE	1	E	2	5	5	9.9
20	57.01	55.29	24.1	28.8	95	72	NE	1	SE	3	10	5	17.8
21	57.63	56.23	23.2	27.6	89	82	NW	1	W	4	9	9	3.3
22	58.01	56.43	23.7	28.3	93	75	N	1	W	5	10	3	------
23	57.79	56.20	24.5	29	84	76	NE	1	W	3	7	3	------
24	58.56	58.20	25	25.5	87	88	NE	1	WNW	2	10	10	.8
25	59.14	58.29	23.2	27.8	85	71	NE	1	WNW	2	7	10	1.3
26	59.57	57.87	23.6	28.7	89	75	Calm		W	3	9	8	1
27	58.41	56.68	24.2	28.2	85	78	NE	1	NNW	3	9	8	1.8
28	57.52	56.04	24	28.3	91	72	NE	1	SE	3	3	5	6.1
29	57.64	57.53	24.1	26.1	88	83	E	1	W	3	10	10	16.2
30	58.62	57.70	23.5	29.1	90	70	NE	1	WNW	1	3	9	------
31	57.73	55.92	23.3	28.6	86	75	NE	1	W	5	3	5	------
Mean	58.13	56.88	23.9	28.1	87.2	75.4	1		2.7		7.3	6.9	------
Total	------	------	------	------	------	------	------		------		------	------	87

NOVEMBER.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.		Wind, direction and force (0–12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P. ct.*	*P. ct.*					*0–10.*	*0–10.*	*mm.*
1	56.24	55.17	23.8	28.8	86	76	NW	1	W	4	2	4	------
2	55.87	55.80	23.1	26.8	87	82	NE	1	SE	3	1	10	------
3	57.08	56.99	24.4	26.5	82	84	N	1	W	6	4	9	------
4	57.38	55.90	24	27.2	83	84	NNE	1	WSW	1	3	6	12.7
5	56.72	55.28	24.3	29.3	86	68	N	1	S	2	10	9	------
6	56.93	55.68	25.6	28.7	87	79	WNW	1	WNW	4	8	7	2.8
7	57.04	56.04	24.1	29.4	91	68	NE	1	WNW	3	7	8	4
8	58.03	57.18	24.6	28	91	70	N	1	S	2	10	10	3.6
9	58.97	56.98	23.5	29	87	71	NE	1	WSW	2	8	4	4
10	58.02	56.81	23.6	27.7	84	75	NNE	1	WNW	2	3	9	------
11	57.29	56.34	23.5	28.2	87	73	NE	1	W	3	7	4	7.9
12	56.81	55.82	24.6	31.1	84	57	ENE	1	ESE	2	9	5	------
13	57.71	56.34	24	27.8	91	79	N	1	W	3	10	10	1.8
14	57.25	56.19	23.1	27.8	94	76	Calm		WNW	3	7	8	------
15	57.26	56.28	24	26.8	83	83	NE	1	N	2	9	10	2
16	57.33	55.55	24.8	28.4	88	78	NW	1	W	3	10	8	------
17	58.07	56.41	23.6	29.1	86	77	NE	2	W	2	3	3	------
18	58.67	57.89	24	28.2	90	78	NE	1	S	3	2	8	------
19	58.67	57.16	25.3	29.5	83	69	NW	1	NE	2	7	4	------
20	58.14	56.58	24	27	87	77	N	1	SW	3	5	4	48
21	59.25	57.80	23.6	26.6	98	81	E	1	S	1	10	10	12.7
22	58.23	57.38	23.8	29.7	82	67	NNE	1	SE	2	8	6	1
23	58.45	57.29	23.7	27.6	90	80	NE	1	SW	2	3	5	------
24	58.19	56.48	24.3	28.1	86	79	NNE	1	W	3	10	8	------
25	56.50	55.51	23.3	26.8	86	84	NNE	1	W	2	3	10	------
26	55.57	54.24	23.1	29	84	69	NNE	1	W	5	2	3	.3
27	56.09	55.04	25	28.7	90	80	NW	1	W	5	3	3	6.4
28	56.67	55.59	24.5	28	92	79	W	1	W	3	8	9	------
29	56.20	55.19	26	29.3	85	74	NW	2	WNW	4	10	10	------
30	56.32	55.68	24.5	24	88	97	NE	2	NE	1	3	10	9.9
31	------	------	------	------	------	------	------		------		------	------	------
Mean	57.36	56.22	24.1	28.1	87.3	76.5	1.1		2.8		6.2	7.1	------
Total	------	------	------	------	------	------	------		------		------	------	117.1

DECEMBER.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.		Wind, direction and force (0–12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P. ct.*	*P. ct.*					*0–10.*	*0–10.*	*mm.*
1	56.19	54.59	23.2	28.6	(a)	(a)	E	1	NNW	2	3	3	------
2	56.23	55.30	23	28.1	------	------	W	1	W	3	8	6	------
3	56.83	56.41	23.8	27.9	------	------	NE	1	SE	3	7	9	2.3
4	57.79	55.72	23.9	29.2	------	------	NE	1	SE	3	2	4	------
5	56.74	55	24	28.8	------	------	N	1	SW	2	1	8	------
6	55.53	55.10	23	28.9	------	------	Calm		WSW	2	3	8	------
7	55.93	54.43	24	28.5	------	------	NE	1	SE	4	5	2	------
8	56.44	54.77	24.8	30.2	------	------	ENE	1	E	3	10	5	3
9	56.22	55.28	23.4	27.8	------	------	NE	1	SW	3	1	8	------
10	57.19	55.61	24	28.9	------	------	N	1	W	2	4	4	------
11	56.48	55.40	23.9	29	85	75	NNE	1	W	3	8	6	------
12	56.15	54.87	23.2	28.7	90	75	NNE	1	WSW	2	9	9	5.3
13	56.39	54.60	24.1	29	88	74	E	1	W	3	10	6	4.5
14	55.37	54.10	23.6	29.2	96	76	NE	1	SW	1	9	9	21.3
15	55.43	54.24	24.2	26.7	93	83	NE	1	W	1	7	9	8.2
16	55.29	53.68	23.8	32	91	60	NE	1	NE	2	7	3	.5
17	55.20	54.30	24.6	26.6	94	83	NE	1	SSW	2	10	10	19.9
18	55.77	54.53	23.4	28.5	96	71	NE	1	SE	3	8	5	20.3
19	56.54	55.35	23.5	27.6	90	76	NNE	1	SE	2	3	9	1
20	56.59	55.25	23.1	28.4	87	71	N	1	SE	2	1	5	------
21	56.77	55.39	24.5	27.1	92	79	E	2	NW	1	10	9	------
22	56.49	55.33	24	27	86	81	NE	1	W	2	10	9	44.7
23	56.65	55.28	22.3	28.5	99	73	NE	1	SW	1	10	5	------
24	56.62	55.35	22.6	28.5	85	64	NNE	1	SE	2	9	7	------
25	56.39	55.60	24.2	25.6	81	87	NE	1	NE	1	10	10	18.6
26	55.82	54.31	23.4	27	90	80	N	1	SW	2	10	10	10.9
27	55.49	53.70	22.6	24.4	99	92	ENE	2	ENE	1	10	10	50.1
28	54.86	54.22	24.8	25.6	87	91	E	2	E	5	10	10	53.7
29	56.49	55.25	23.3	28.1	97	74	SSE	1	ESE	3	10	9	8.2
30	56.23	54.99	23.5	30.7	90	64	NE	1	E	2	9	9	4.6
31	56.84	55.87	23.6	29.7	85	69	E	1	E	3	1	7	2.5
Mean	56.22	54.96	23.7	28.2	90.5	76.1	1.1		2.3		6.9	7.2	------
Total	------	------	------	------	------	------	------		------		------	------	279.6

[a] The wet thermometer was broken.

DAVAO.[a]

[$\phi = 7°\ 01'$ N; $\lambda = 125°\ 35'$ E; barometer above sea, 4 meters; gravity correction not applied, —1.91 mm.]

JANUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	55.18	53.82?	22	28	96	74	Calm	Calm	8	6	------
2	56.16	54.79	21	29.5	95	68	Calm	Calm	5	6	------
3	57.80	56.27	21.7	30.5	98	65	Calm	Calm	5	6	------
4	59.61	57.73	22.5	31.9	96	70	Calm	Calm	5	6	2.3
5	59.81	58.02	23	31.5	96	68	Calm	Calm	5	6	------
6	59.23	57.55	23.5	32	96	61	Calm	NE 1	5	6	------
7	59.45	58.16	21	29.9	92	69	Calm	Calm	5	6	------
8	59.36	57.97	22.5	31.5	96	63	Calm	NE 1	5	6	------
9	60.33	59.83?	24	23.5	96	96	Calm	Calm	9	10	25.9
10	60.58	58.38	23	30.5	91	68	Calm	N 1	5	6	------
11	60.13	57.89	23.5	32.2	96	66	Calm	N 1	5	6	3.8
12	58.24	57.36	23	26.5	96	84	Calm	N 2	10	9	6.9
13	57.71	55.34	22.4	27	96	77	Calm	NE 1	10	10	------
14	55.17	53.15	22.5	29.2	97	72	Calm	Calm	5	6	------
15	55.05	53.85	23.5	30	97	75	Calm	Calm	5	7	------
16	54.25	52.34	24	31.4	96	67	Calm	Calm	6	5	------
17	55.20	54.02	24	30.1	96	71	Calm	Calm	7	8	------
18	57	55.64	23	28	96	77	Calm	Calm	9	9	------
19	57.21	57.10	23.5	23	96	96	N 2	Calm	9	10	4.1
20	57.34	55.56	22.5	27.8	96	78	N 1	N 2	5	6	------
21	55.89	54.49	23.5	24.5	90	96	N 2	N 1	9	10	27.9
22	52.82	52.89	22.5	23	96	100	Calm	Calm	10	10	74.2
23	------	52.97	22.5	27	97	86	Calm	Calm	8	8	------
24	55.32	53.85	23	28.5	96	78	Calm	Calm	8	8	6.6
25	56.05	55.06	24	27.8	93	79	Calm	NE 2	9	9	------
26	55.78	55.10	24.5	28.5	96	81	Calm	Calm	9	9	12.7
27	56.80	55.29	24	29.2	96	74	Calm	Calm	10	7	18.3
28	57.20	55.48	24	30.5	96	68	Calm	Calm	7	6	------
29	56.83	54.89	24.5	31.2	96	64	Calm	Calm	5	6	------
30	57.21	55.45	23	31.5	96	66	Calm	Calm	6	5	------
31	56.88	55.67	24.5	30.6	96	71	Calm	Calm	6	6	------
Mean	57.19	55.67	23.1	28.9	95.5	75.1	0.2	0.4	6.9	7.2	------
Total	------	------	------	------	------	------	------	------	------	------	182.7

FEBRUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	56.82	55.99	25	30.1	96	71	Calm	Calm	6	7	9.9
2	57.47	56.22	24	31	96	69	Calm	Calm	5	6	3
3	57.79	56.97	24	31.4	96	66	Calm	Calm	7	6	------
4	58.22	57.22	24	31.5	96	72	Calm	Calm	6	5	6.6
5	57.48	56.71	24.5	31	96	65	Calm	Calm	7	6	2
6	58.61	57.20	24.5	31.5	96	63	Calm	Calm	5	5	2.5
7	56.97	55.82	23	31.5	99	72	Calm	Calm	6	5	6.1
8	57.02	55.50	22.5	32.2	96	57	Calm	Calm	6	5	50.8
9	58.17	57.21	23	30.5	96	59	Calm	Calm	6	5	------
10	59.32	58.17	22.5	29	73	71	Calm	N 2	5	5	------
11	59.42	58.10	23.2	32	98	63	Calm	Calm	6	5	------
12	59.59	58.34	22	32.4	96	58	Calm	Calm	6	5	------
13	58.91	57.90	23	31.5	97	65	Calm	Calm	5	5	------
14	58.63?	57.82	23.5	29.1	96	74	Calm	Calm	5	6	------
15	59.26	57.30	22.6	32.2	95	56	Calm	Calm	5	6	------
16	59.69	57.41	23	30.5	96	65	Calm	Calm	6	5	------
17	58.34	57.29	23	26.2	96	86	Calm	Calm	5	9	28
18	56.65?	55.64	23.3	27.6	97	79	Calm	Calm	9	5	------
19	56.37	54.92	22.8	25.8	97	92	Calm	Calm	7	8	16.5
20	56.44	55.64	23.5	30	97	71	Calm	Calm	5	6	3.8
21	56.97	55.87	23.5	31	97	67	Calm	Calm	5	5	30.5
22	58.14	56.34	23	29	96	68	Calm	Calm	8	6	22.6
23	57.75	56.29	21.9	30.8	96	67	Calm	Calm	6	5	------
24	57.18	56.57	21	31	95	69	Calm	Calm	6	7	------
25	57.76	56.60	23	28.3	96	72	Calm	N 2	6	5	------
26	56.66	55.23	23	31.5	91	60	Calm	Calm	6	6	------
27	56.81	55.12	22.5	32.5	96	60	Calm	Calm	5	6	------
28	56.66	54.93	23	30.8	96	64	Calm	N 1	7	6	6.4
29	57.02	56.38	24	31.5	96	68	N 1	NE 2	5	6	------
30	------	------	------	------	------	------	------	------	------	------	------
31	------	------	------	------	------	------	------	------	------	------	------
Mean	57.80	56.58	23.2	30.5	95.5	67.9	0	0.2	5.9	5.8	------
Total	------	------	------	------	------	------	------	------	------	------	188.7

MARCH.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	57.37	55.62	25.5	30.5	96	75	N 1	NE 2	6	5	8.6
2	57.33	56.78	23	31	96	69	NE 2	N 1	6	5	------
3	58.44	57.43	23.5	29	96	71	NNE 2	Calm	8	5	------
4	59.63	57.52	21.5	32	95	63	Calm	Calm	5	5	------
5	59.31	57.61	22.5	32	96	63	NE 1	NE 1	6	5	2.5
6	57.72	56.21	24	31.8	96	59	Calm	Calm	5	6	------
7	57.98	56.57	23	32	96	67	Calm	Calm	6	5	10.2
8	58.51	56.53	23	31.6	96	65	Calm	Calm	6	6	6.4
9	59.59	57.42	23.5	32	96	64	NNE 2	N 2	5	6	21.6
10	58.25	56.79	23.7	26.5	96	84	NE 3	NE 2	6	9	9.1
11	58.52	56.52	22	30	96	75	NE 2	N 1	6	9	------
12	59.11	57.12	22.5	30.6	96	71	Calm	Calm	6	5	------
13	58.78	57.64	23.5	30.6	96	68	Calm	Calm	6	7	------
14	58.07	56.69	22.5	26.7	96	83	Calm	Calm	8	9	------
15	57.28	55.30	23	32	96	66	NE 1	NE 1	6	5	21.3
16	57.89	57.16?	23	28	96	82	Calm	NE 2	9	8	14.2
17	58.27	56.45	22.5	31	96	62	NE 2	NNE 1	5	6	------
18	59.19	56.83	22.5	32.5	96	58	N 2	NE 2	5	6	3.8
19	59.47	57.21	22	32.5	96	62	Calm	Calm	5	6	------
20	59.16	57.25	22.5	32	96	70	Calm	NE 1	5	6	------
21	59.11	57.41	23	32	96	58	ENE 1	N 2	5	7	------
22	59.58	57.76	23.5	32.5	96	63	Calm	Calm	5	6	------
23	60.28	58.49	21.5	33.5	95	60	Calm	N 2	5	6	------
24	60.62	59.07	23.6	31.5	96	60	N 1	Calm	5	5	------
25	------	------	22	32.5	96	55	Calm	NE 2	6	5	------
26	60.22	58.72	22	28.5	96	77	Calm	NE 1	6	5	38.9
27	60.18	58.21	22	32.5	96	61	Calm	Calm	5	7	------
28	59.79	57.85	22	31.5	97	63	Calm	NE 1	5	6	------
29	58.79	56.66	22	33.4	96	55	Calm	Calm	5	6	------
30	58.71	56.76	22	31.5	96	63	Calm	Calm	5	5	------
31	57.76	55.61	23	31.5	96	66	Calm	Calm	6	5	------
Mean	58.83	57.11	22.8	31.1	96	66.4	0.6	0.8	5.7	6	------
Total	------	------	------	------	------	------	------	------	------	------	136.6

APRIL.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	56.80	55.31	23.1	33	96	58	Calm	Calm	5	5	------
2	58.13	56.14	24	32.7	96	64	Calm	Calm	6	6	------
3	59.93	58.52	23.7	31.5	94	69	NE 2	NE 1	5	6	------
4	59.96	58.10	24	32.2	96	73	Calm	Calm	6	5	------
5	60.32	58.45	23.5	33.5	96	62	Calm	Calm	6	5	------
6	60.52	59.25	24	32.9	96	64	Calm	Calm	6	5	------
7	60.82	58.40	24	32.5	97	66	Calm	NE 1	6	5	------
8	61.38	58.30	23	31	96	69	Calm	NE 2	6	5	4.1
9	60.18	58.10	22	32	96	70	Calm	Calm	6	6	------
10	59.60	58.23	22.5	31.6	96	62	N 1	NNE 2	5	5	10.2
11	59.19	57.47	22	30	97	71	Calm	NE 1	5	6	------
12	58.99	57.79	22	31.2	96	66	Calm	Calm	7	6	15
13	59.43	57.57	23.5	32.5	96	65	Calm	Calm	5	7	------
14	59.71	57.97	22	31.5	98	54	Calm	Calm	5	5	22.1
15	58.10	55.78?	22	32.5	96	65	NNE 2	NE 1	6	6	------
16	56.78	55.28	24	31.5	96	66	Calm	Calm	6	5	------
17	57.67?	56.04	24	32.5	96	68	Calm	NE 1	5	6	------
18	58.04	56.36	24.2	31.6	94	72	Calm	ENE 1	5	6	------
19	57.71	55.30	23	32	96	65	Calm	Calm	5	6	------
20	57.90	56.28	23.2	31.8	95	59	Calm	NNE 2	5	6	------
21	58.72	56.32	22.3	32.5	97	66	Calm	Calm	5	7	------
22	58.73	56.63	23.2	31.6	94	66	NE 2	NE 2	6	5	------
23	58.51	56.49	24	32.1	96	68	Calm	NE 1	6	5	18
24	58.45	56.60	23.5	31.5	96	66	Calm	Calm	6	6	------
25	57	55.58	23.5	32.5	96	65	Calm	NW 2	5	6	22.1
26	57.32	56.39	24	25.7	96	91	NE 1	ENE 1	6	5	10.9
27	58.07	56.31	22.5	31.4	96	67	Calm	Calm	6	7	22.1
28	58.43	56.57	23.5	31.5	96	61	Calm	Calm	8	5	17
29	58.81	56.77	23	31	96	64	Calm	Calm	5	6	------
30	58.05	57.64	23.6	25.5	92	88	Calm	Calm	7	6	------
31	------	------	------	------	------	------	------	------	------	------	------
Mean	58.78	57	23.2	31.5	95.8	67	0.3	0.6	5.7	5.7	------
Total	------	------	------	------	------	------	------	------	------	------	136.5

[a] The barometric readings of this station do not seem to be reliable.

DAVAO.

[$\phi = 7°\ 01'$ N; $\lambda = 125°\ 35'$ E; barometer above sea, 4 meters; gravity correction not applied, —1.91 mm.]

MAY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	58.32	56.70	22.5	28.6	96	75	Calm	Calm	9	9	38.3
2	57.42	55.36	24.5	31	96	70	Calm	NE 1	5	5	------
3	56.72	55.30	22.5	31.5	96	72	Calm	Calm	6	5	------
4	58.11	56.41	23	31.6	96	67	ENE 1	Calm	5	6	------
5	58.63	56.43	23.2	31.5	96	71	Calm	NE 2	5	6	------
6	57.90	56.51	23.5	31.6	96	68	Calm	Calm	7	6	------
7	57.05	57.42	24	31.5	96	66	Calm	Calm	5	5	------
8	58.63	57.87	24	28.5	97	78	ENE 2	Calm	6	9	------
9	59.77	58.49	22	31.5	96	66	Calm	Calm	5	5	------
10	59.56	57.07	22.5	31.6	91	59	Calm	SE 2	6	5	------
11	59.02	56.85	23	31	97	64	Calm	Calm	6	5	21.8
12	58.96	57.10	23	28	97	80	Calm	Calm	9	9	------
13	58.54	56.32	23	31.7	96	71	Calm	Calm	6	5	------
14	58.43	56.61	23.5	31	97	64	Calm	Calm	5	6	16.8
15	57.73	56.76	24	31.7	90	70	Calm	Calm	5	6	------
16	58.03	56.59	24	32	96	69	Calm	Calm	6	5	------
17	58.03	56.31	23.6	31.6	95	65	SW 1	SW 2	6	6	------
18	58.24	56.14	23.5	32.6	96	68	Calm	Calm	5	5	------
19	58.28	56.47	23.5	30.9	98	64	Calm	Calm	6	7	------
20	58.04	56.10	24	31.5	96	66	Calm	Calm	6	6	------
21	58.11	56.40	23	31.5	96	60	Calm	Calm	6	6	------
22	57.31	55.66	23.5	31.8	96	65	Calm	Calm	5	6	------
23	56.96	55.45	23.1	32	97	70	Calm	Calm	6	5	------
24	57.13	55.05	24.5	32	97	71	NE 2	ENE 1	6	5	------
25	56.98	55.30	24	32	96	67	Calm	Calm	7	5	19.6
26	56.98	55.57	24	30.5	97	68	NW 2	SW 1	6	5	------
27	57.70	54.39	23.4	32.5	97	61	SSW 2	Calm	6	5	36.8
28	57.25	55.25	23	30.2	96	74	Calm	Calm	6	6	------
29	57	55.65	23	31.9	96	67	Calm	Calm	5	7	------
30	57.78	56.13	24.5	30	96	74	Calm	Calm	6	5	24.1
31	58.28	57.09	23.5	29	96	74	Calm	Calm	6	6	------
Mean	57.96	56.28	23.4	31.1	95.9	68.5	0.3	0.3	5.9	5.9	------
Total	------	------	------	------	------	------	------	------	------	------	157.4

JUNE.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	57.66	55.41?	23.5	31	96	62	Calm	Calm	6	5	------
2	57.89	55.57	24	31.5	96	62	Calm	Calm	5	5	22.6
3	57.20	55.77	23.5	30.5	87	65	Calm	SW 2	5	6	54.6
4	57.20	55.62	24	30.1	96	71	Calm	SW 1	5	6	3.3
5	57.12	55.22	23	30.5	96	72	Calm	SSW 1	5	6	3.8
6	57.04	55.33	24	31	96	69	Calm	Calm	5	5	19
7	56.36	54.21	23	31.5	97	66	Calm	Calm	6	5	26.7
8	56.01	54.19	23	31	96	69	WSW 2	SW 1	6	6	------
9	55.23	54.72	23	30	97	68	Calm	Calm	5	5	24.1
10	56.36	54.87	23	30	98	71	Calm	Calm	6	5	25.1
11	56.35	54.26	23.5	30.9	96	65	Calm	Calm	6	6	------
12	56.33	54.51	24.5	31.5	96	66	Calm	SW 1	5	5	------
13	56.36?	54.25	23	31.8	97	58	Calm	Calm	5	5	------
14	56.07	55.80	23	31.5	96	63	Calm	Calm	6	5	------
15	57.07	56.92?	22	31	96	65	Calm	Calm	5	6	------
16	56.37	54.73	22.5	31.1	96	65	Calm	Calm	6	6	------
17	56.23	55.06	24	31	96	69	Calm	SW 2	5	6	59.7
18	57.99	56.24	24	32	96	69	Calm	S 1	5	6	11.9
19	58.09	56.87	23	29.5	96	71	Calm	Calm	5	6	17
20	58.28	57.09	23.5	28.5	96	78	Calm	Calm	6	5	------
21	57.88	56.40	24	31.5	96	66	Calm	SSW 1	5	6	99.1
22	58.44	56.41	23	31.5	96	60	Calm	Calm	5	6	------
23	58.21	56.36?	23	31	96	65	ENE 1	Calm	5	7	------
24	58.26	56.81?	24.2	31	96	69	Calm	Calm	6	5	------
25	59.91	58.68	22.5	30.8	96	67	Calm	Calm	5	6	------
26	59.96	58.17	23	31.5	96	63	Calm	Calm	6	5	9.9
27	59.83	58.37	23.5	31	96	69	Calm	Calm	5	6	------
28	59.08	57.67	23.5	25.5	96	92	Calm	Calm	5	8	------
29	59.69	58.14	23.5	29.5	96	64	Calm	Calm	5	6	24.6
30	59.10	58.32	22	30	96	71	Calm	Calm	5	5	------
Mean	57.59	56.06	23.3	30.6	95.9	67.7	0.1	0.3	5.3	5.7	------
Total	------	------	------	------	------	------	------	------	------	------	401.4

JULY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	57.71	55.52	22	30.5	96	66	Calm	Calm	6	6	17.8
2	57.62	55.56	22.5	31	96	65	Calm	Calm	5	5	16.5
3	58.14	56.34	22.5	29	96	71	Calm	Calm	8	6	------
4	58.67	57.32	22.5	29	96	68	Calm	Calm	5	6	17
5	58.22	57.35	22.5	31.4	96	67	Calm	Calm	9	6	------
6	58.72	56.96	22.6	28	98	77	Calm	Calm	6	6	------
7	59.26	57.84	22.5	30.5	96	72	Calm	Calm	5	6	------
8	58.98	57.06	23	31.5	96	66	Calm	Calm	5	5	------
9	58.78	57	23.5	31	96	65	Calm	Calm	6	5	------
10	58.17	56.86	23	31.5	96	63	Calm	E 1	5	6	24.4
11	58.98	57.32	23.5	30.5	96	65	Calm	Calm	8	6	------
12	58.20	56.92	22	29.5	96	71	Calm	Calm	5	8	14.5
13	59.19	58.26	23.5	27	96	81	Calm	Calm	10	8	31.3
14	58.62	57.82	22.5	30.5	96	65	Calm	Calm	5	6	------
15	57.85	56.36	23.5	31	96	69	Calm	Calm	5	6	------
16	58.64?	56.47	23	30.5	96	65	Calm	Calm	5	5	------
17	57.27	56.72	23	27.5	96	84	Calm	Calm	6	8	------
18	57.77	56.67	22.5	30	96	68	Calm	Calm	6	5	------
19	57.40	56.30	21.5	31.5	95	60	Calm	Calm	5	6	------
20	57.39	56.25	22	31	96	65	Calm	Calm	5	6	------
21	57.67	56.25	22	31.5	96	57	Calm	Calm	5	6	------
22	57.10	56.07	22	32	96	60	Calm	Calm	5	6	------
23	56.47	55.20	22.5	31.2	97	66	Calm	Calm	5	6	11.4
24	56.45	55.40	23	30.6	97	65	Calm	Calm	5	6	------
25	58.27	56.75	22.5	31.7	97	68	Calm	Calm	5	6	------
26	57.25	56.23	24	28.5	97	78	Calm	Calm	5	6	------
27	57.32	55.81	22.5	31.5	96	63	Calm	Calm	5	6	------
28	57.27	56.58	22.5	29.5	96	71	Calm	Calm	5	8	6.1
29	57.20	55.83	22.5	30.7	96	61	Calm	Calm	5	6	------
30	57.22	56.49	22.5	29.5	96	71	Calm	Calm	8	7	4.1
31	57.31	56.23	23.5	30.5	96	68	Calm	Calm	6	5	55.4
Mean	57.91	56.59	22.7	30.3	96.2	67.8	0	0	5.8	6.1	------
Total	------	------	------	------	------	------	------	------	------	------	198.5

AUGUST.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	58.63	56.74	23	30	96	71	Calm	Calm	9	5	8.9
2	58.89	57.63	23	31	96	72	Calm	Calm	8	6	------
3	59.26	57.78	22.9	31	92	72	Calm	Calm	5	5	62.2
4	60.23	58.74	22	31	96	65	Calm	Calm	6	5	3.8
5	60.18	58.54	23.5	29.5	96	81	Calm	Calm	9	5	2.5
6	59.68	59.19	21.5	28.4	95	75	Calm	Calm	6	9	------
7	59.53	58.07	23.5	31	96	65	Calm	Calm	5	6	------
8	59.48	58.31	23	31	96	65	Calm	Calm	6	6	------
9	58.93	57.03	23	31.6	96	59	Calm	Calm	5	6	------
10	58.06	57.01	23	30.5	96	68	Calm	SW 1	8	6	------
11	57.62	55.77	22	30.6	96	65	Calm	Calm	5	6	------
12	57.51	56.25	23	30.5	96	70	Calm	Calm	5	6	------
13	57.55	56.70	24	31.5	96	66	Calm	SW 1	5	6	------
14	59.18	58.53	23.5	30	96	67	Calm	Calm	5	6	8.9
15	60.17	59.10	22.5	30.6	96	68	Calm	Calm	5	6	3.8
16	59.43	58.89	23.5	31	96	65	Calm	Calm	6	5	------
17	58.96	57.86	23	30.7	96	61	Calm	Calm	6	5	33
18	59.21	57.51	22.5	31	96	62	Calm	Calm	5	6	------
19	59.96	57.87	23	30.5	96	72	S 2	Calm	8	5	16.3
20	58.59	57.42	23	30	96	71	Calm	Calm	6	8	------
21	59.44	58.46	23	30	96	71	Calm	Calm	6	5	------
22	59.57	58.99	22	30	96	62	Calm	Calm	6	8	------
23	59.21	57.21	22.5	31	96	69	Calm	Calm	5	6	------
24	58.51	57.12	22.5	31.5	96	63	Calm	Calm	5	5	------
25	58.34	57.47	23.5	30	96	74	Calm	Calm	6	8	------
26	58.61	57.09	22.5	32.5	96	59	Calm	Calm	5	6	------
27	57.34	56.21	22	29.1	96	67	Calm	SE 2	5	9	33.8
28	57.33	56.27	23.5	31.6	96	57	Calm	Calm	6	5	------
29	58.36	57.20	22	31.5	96	51	Calm	Calm	6	5	------
30	58.63	57.27	22	29.5	96	71	Calm	Calm	6	8	3.8
31	59.31	57.30	23	31.5	96	66	Calm	Calm	5	6	------
Mean	58.89	57.60	22.8	30.6	95.8	66.8	0.1	0.1	5.9	6.1	------
Total	------	------	------	------	------	------	------	------	------	------	177

DAVAO.

[ϕ=7° 01′ N; λ=125° 35′ E; barometer above sea, 4 meters; gravity correction not applied, —1.91 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	59.22	57.50	23.5	31	97	65	Calm	Calm	5	5	------
2	58.76	56.95	22.5	32	96	58	Calm	Calm	5	6	------
3	57.36	56.13	21.5	31.5	91	63	Calm	Calm	5	5	------
4	57.27	56.23	22.5	31	96	65	Calm	Calm	5	6	11.4
5	58.23	57.83	22	26	96	84	Calm	Calm	9	7	12.7
6	58.30	56.46	21.5	31.1	95	65	Calm	Calm	5	6	------
7	58.17	55.66	24.5	31.6	96	65	Calm	Calm	8	6	4.8
8	57.66	56.10	23	32	96	66	Calm	SW 1	5	6	------
9	57.64	56.27	22.5	30.5	96	72	Calm	Calm	5	6	45.7
10	58.49	57.05	23	28.5	96	74	Calm	Calm	9	5	37.8
11	58.87	57.32	22.5	30.2	96	67	Calm	Calm	5	6	------
12	59.33	57.77	22	31.4	96	66	Calm	Calm	5	6	------
13	58.64	56.09	23	30	96	68	Calm	Calm	5	5	55.9
14	57.52	55.76	22.5	31.6	96	62	Calm	Calm	8	6	12.4
15	57.30	56.46	23.5	31	98	67	Calm	Calm	6	6	------
16	58.09	55.75	23.5	32	96	66	Calm	Calm	5	6	------
17	57.64	55.30	23.5	30.5	96	72	Calm	Calm	5	7	2.5
18	57.34	55.51	23	31	96	69	Calm	Calm	7	7	3.3
19	57	55.52	22.5	30.5	96	72	Calm	Calm	6	5	------
20	57.61	55.53	23	31	96	65	Calm	Calm	5	6	------
21	57	54.99	23.5	29.5	96	68	Calm	Calm	5	8	------
22	56.40	54.08	23.9	28.5	92	74	Calm	Calm	8	8	------
23	56.28	53.90	23	32	96	60	Calm	Calm	5	5	------
24	55.77	55.25	22.5	26	96	88	Calm	Calm	5	9	------
25	56.92	55.49	22.5	29.5	96	71	Calm	Calm	5	8	------
26	57.07	55.27	22.5	32.5	96	60	Calm	Calm	5	6	4.3
27	58.35	56.99	24	30	96	74	Calm	Calm	9	8	56.6
28	57.46	56.64	23	27	96	81	Calm	Calm	10	9	------
29	57.22	56.29	22.5	29	96	78	Calm	Calm	8	7	------
30	58.54	56.85	23.1	32.6	95	66	Calm	Calm	5	6	------
31	------	------	------	------	------	------	------	------	------	------	------
Mean	57.72	56.10	22.9	30.4	95.7	69	0	0	6.1	6.4	------
Total	------	------	------	------	------	------	------	------	------	------	247.4

OCTOBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	58.91	57	23	32	96	66	Calm	Calm	5	5	------
2	58.49	56.48	23.5	30	96	71	Calm	Calm	5	6	------
3	58.41	57.35	23	32.5	96	63	Calm	Calm	5	6	------
4	59.20	57.62	22	32.5	96	58	Calm	Calm	5	6	------
5	59.42	56.91	22	30.5	96	73	Calm	Calm	5	6	8.1
6	58.48	55.71	23.5	31	96	69	Calm	Calm	5	6	2.5
7	57.65	55.70	21.5	32.5	95	60	Calm	Calm	5	6	------
8	57.96	56.30	23	32	96	63	Calm	Calm	5	6	------
9	58.78	57.34	22.5	32.5	96	55	Calm	Calm	5	6	------
10	59.49	57.29	23	30	96	68	Calm	Calm	5	9	14.2
11	59.02	56.52	22	30.5	96	68	Calm	Calm	6	5	------
12	57.62	55.45	22.5	32	96	63	Calm	Calm	5	6	24.9
13	58.06	56.33	23.5	31.5	96	66	Calm	Calm	7	5	13.2
14	58	55.85	23	32	96	63	Calm	Calm	5	6	------
15	57	55.16	24	32	96	64	Calm	SW 1	5	6	21.8
16	57.30	54.96	24	28.5	96	78	Calm	Calm	5	8	36.8
17	57.90	55.59	23.7	27.5	98	84	Calm	Calm	8	9	6.4
18	57.88	55.82	23.5	30.5	96	68	Calm	Calm	8	5	------
19	57.30	54.54	24	31	96	63	Calm	SW 1	6	8	32
20	56.60	55.26	23.5	27	96	88	Calm	Calm	6	8	6.4
21	57.34	56.60	23.5	26.5	96	87	Calm	Calm	9	10	35.6
22	58.07	56.32	23	31.5	96	57	Calm	Calm	5	5	------
23	57.58	55.26	23	32	96	66	Calm	Calm	6	5	40.4
24	58.91	57.42	23	30.6	96	69	Calm	Calm	9	5	6.1
25	59.59	57.17	22.5	30.2	96	70	Calm	S 1	5	6	20.6
26	59.56	57.48	22.5	29	97	74	Calm	S 2	5	8	------
27	58.33	57.02	23	29	96	71	Calm	S 2	5	8	2.5
28	57.62	54.51?	22.5	32	96	64	Calm	S 1	5	5	65
29	58.63	55.64?	23.5	30.5	96	72	Calm	Calm	8	7	------
30	58.56	57.31	23	28.5	96	78	Calm	Calm	5	7	------
31	57.94	54.78	22.5	31.5	96	63	Calm	Calm	5	5	------
Mean	58.25	56.22	23	30.6	96.1	68.5	0	0.3	5.7	6.4	------
Total	------	------	------	------	------	------	------	------	------	------	336.5

NOVEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	56.41	54.07	23	31	96	65	Calm	S 1	5	5	------
2	56.35	54.71	23	31.5	96	60	Calm	Calm	6	5	12.2
3	57.32	55.12	23	31	96	62	Calm	Calm	6	5	------
4	57.32	54.10	22.5	32	96	60	Calm	Calm	6	5	67.6
5	56.11	53.70	23	32	97	63	Calm	E 1	5	6	------
6	56.86	54.86	23.5	31	96	65	Calm	Calm	5	6	------
7	57.11	55.11	23	32	96	66	Calm	Calm	7	5	8.9
8	58.03	56.29	23	29.5	96	78	Calm	Calm	8	8	------
9	58.25	56.94	24	29	96	74	Calm	Calm	8	9	5.1
10	58.50	55.45	22	32	96	60	Calm	E 1	5	5	14.7
11	57.32	55.86	22.5	31.5	96	66	Calm	Calm	7	5	36.8
12	57.62	54.95	23	31.4	96	70	Calm	Calm	5	8	------
13	57.63	56.59	23.5	25	96	88	Calm	E 2	6	10	3.8
14	57.16	56.12	23	29.5	96	75	Calm	NE 2	9	5	------
15	57.22	54.47	23	30	96	71	Calm	Calm	7	8	14.5
16	56.65	55.18	23.5	31.5	96	66	Calm	Calm	9	7	------
17	57.67	55.11	22.5	31	96	65	Calm	NE 1	5	6	------
18	59.01	57.42	22.5	30	96	71	Calm	Calm	5	6	------
19	58.76	56.86	22.5	31.5	96	66	Calm	Calm	5	5	------
20	58.52	55.79	23	30.5	96	69	Calm	Calm	6	5	------
21	58.12	56.15	22.5	32.5	96	60	Calm	Calm	5	6	11.9
22	58.41	56.59	23	30.5	96	62	Calm	Calm	6	5	------
23	58.47	55.95	22.5	32	96	64	Calm	ENE 1	5	6	------
24	57.58	54.81	22.5	32	96	69	Calm	Calm	5	7	------
25	56.17	54.32	22.5	30	96	68	Calm	Calm	8	7	------
26	54.90	52.59	22	30.5	96	59	Calm	Calm	6	5	------
27	55.87	53.12	21	31	95	63	Calm	Calm	6	6	------
28	55.29	53.69	23	32.5	96	63	Calm	Calm	5	6	------
29	54.85	53.34	23.5	31.5	96	66	Calm	Calm	6	7	------
30	55.59	53.96	23.5	30	96	68	Calm	SE 2	5	6	------
31	------	------	------	------	------	------	------	------	------	------	------
Mean	57.15	55.11	22.8	30.8	96	66.7	0	0.4	6.1	6.2	------
Total	------	------	------	------	------	------	------	------	------	------	175.5

DECEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	55.76	53.77	22	30.5	96	62	Calm	NE 1	5	6	20.3
2	55.74	54.82	22	30.5	97	72	Calm	Calm	6	7	------
3	56.97	56.38	22.5	32	96	60	Calm	Calm	5	5	19.3
4	57.67	54.93	22.5	32	96	60	Calm	Calm	5	5	12.7
5	56.26	53.88	23	32.5	96	63	Calm	NW 1	6	6	------
6	55.84	54.23	23	32.5	96	55	Calm	Calm	5	6	------
7	56.65?	54.31	23.5	30.5	97	68	Calm	Calm	5	5	------
8	55.97	55.19	22.5	28.5	96	78	Calm	NE 1	6	8	44.2
9	56.66	54.87	22	31	98	65	Calm	Calm	6	5	------
10	57.18	54.60	23	31.5	96	63	Calm	Calm	5	5	------
11	56.51	54.39	22	32	96	54	Calm	NE 1	5	6	------
12	56.08	54.03	23	31.5	96	66	NE 1	NE 1	5	6	8.9
13	56.52	53.85	22.5	31	96	67	Calm	Calm	7	8	6.4
14	55.60	54.17	23.5	30	96	75	Calm	Calm	9	7	13.2
15	55.41	53.64	23	30	96	71	Calm	NE 1	5	6	------
16	55.65	53.66	23.5	30.6	96	68	Calm	NE 1	8	5	------
17	55.39	54.07	23	26	96	89	Calm	Calm	5	9	------
18	56.15	54.42	23.5	30.5	96	73	Calm	Calm	7	6	------
19	56.83	54.83	23	30.5	96	62	Calm	Calm	6	5	------
20	56.59	54.25	23	31.5	96	68	Calm	NE 1	5	6	9.9
21	56.46	54.63	23	31	96	62	Calm	Calm	9	5	4.6
22	57.16	54.37	23	27.5	96	84	Calm	Calm	10	9	------
23	56.17	54.62	22.5	30	96	62	Calm	Calm	9	8	------
24	56.16	54.43	21.5	30	97	68	Calm	Calm	8	8	------
25	56.13	54.46	22.5	30	96	68	Calm	NE 1	8	6	13.7
26	56.27	53.84	22.5	24	96	96	Calm	Calm	10	9	10.2
27	55.10	54.26	23	25.5	96	84	Calm	Calm	10	10	7.6
28	56.82	54.85	22.5	29	96	74	Calm	Calm	9	7	12.2
29	57.24	55.24	22	30	96	68	Calm	Calm	5	9	------
30	57.39	54.86	23	28.5	96	74	Calm	Calm	9	8	------
31	57.85	55.95	23	29	96	78	Calm	Calm	7	8	------
Mean	56.38	54.51	22.7	30	96.2	69.4	0	0.3	6.8	6.7	------
Total	------	------	------	------	------	------	------	------	------	------	183.2

CAGAYAN, MISAMIS.

[ϕ=8° 29′ N; λ=124° 38′ E; barometer above sea, 13 meters; gravity correction not applied, —1.89 mm.]

JANUARY.[b]

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	56.84	55.94	20.4	23.5	88	93	Calm	Calm	10	10	6.7
2	55.46	54.76	20.1	28	91	78	SSW 1	WNW 3	8	6	
3	56.97	56.33	22.3	29.6	91	64	S 1	SSW 2	5	8	1
4	58.85	58.02	21.6	30.1	95	69	SSW 1	NNE 2	5	3	
5	59.37	57.87	21.7	29.8	94	68	S 1	NNW 1	2	6	
6	58.75	57.63	22.6	30.2	95	70	Calm	NW 2	6	7	
7	59.21	57.53	20.5	29.7	88	64	S 1	NNW 2	6	7	
8	59.23	58.19	21.2	30.5	89	66	Calm	N 2	3	3	
9	60.01	58.64	20.7	29.6	86	71	Calm	NNW 2	3	8	
10	60.26	58.20	22.6	31	83	65	SSW 2	SW 2	3	3	
11	59.82	58.29	23.4	28.6	93	79	Calm	NNE 2	3	8	
12	58.43	57.56	23.5	26.9	96	81	S 1	Calm	10	10	6.1
13	58.22	56.66	23.5	26.4	96	84	N 1	Calm	10	10	20.1
14	55.71	54.74	24.5	24.9	97	92	NNW 1	Calm	10	10	12.5
15	54.89	53.88	21.5	26.1	94	91	Calm	SW 3	7	10	10.7
16	54.79	54.35	24.1	29	98	74	Calm	Calm	10	10	7.4
17	56.53	56.39	24.1	25.6	95	87	Calm	Calm	10	10	9.6
18	57.79	57.35	23.5	25.7	96	84	Calm	NW 2	10	10	22.6
19	58.35	57.91	22.7	24.6	94	96	Calm	NW 2	10	10	41.4
20	58.45	57.16	23	26.2	97	85	Calm	NW 2	10	10	8.9
21	57.88	57.07	22.9	24.3	97	97	Calm	Calm	10	10	40.4
22	55.03	54.09	24.1	24.5	96	97	W 3	W 3	10	10	65.9
23	54.63	53.14	24.7	24.7	97	89	NW 4	NW 5	10	10	131.1
24	55.57	54.11	24	24	97	97	NW 4	NW 6	10	10	109[a]
25	[d]56.30	[d]55.50	-----	-----	-----	-----	-----	-----	-----	-----	-----
26	[d]55.80	[d]5420?	-----	-----	-----	-----	-----	-----	-----	-----	-----
27	[d]55.90	[d]54.20	-----	-----	-----	-----	-----	-----	-----	-----	-----
28	[d]57.50	[d]55.80	-----	-----	-----	-----	-----	-----	-----	-----	2.5
29	56.68	55.14	22.5	27.5	96	81	Calm	N 1	7	6	-----
30	57.38	55.34	24	29.5	96	75	Calm	N 2	6	5	.8
31	56.78	54.89	23.5	29.7	93	72	S 2	N 1	8	3	-----
Mean	57.33	56.16	22.7	27.4	93.6	80.3	0.9	1.7	7.5	7.9	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	496.7

FEBRUARY.[c]

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	[d]56.50	[d]54.60	-----	-----	-----	-----	-----	-----	-----	-----	-----
2	[d]57.10	[d]54.80	-----	-----	-----	-----	-----	-----	-----	-----	-----
3	[d]57.50	[d]55.70	-----	-----	-----	-----	-----	-----	-----	-----	-----
4	[d]57.60	[d]56.50	-----	-----	-----	-----	-----	-----	-----	-----	-----
5	[d]58.50	[d]56.60	-----	-----	-----	-----	-----	-----	-----	-----	-----
6	58.74	56.59	22.5	30.7	91	68	S 1	N 2	4	3	-----
7	57.09	55.52	22.5	31	89	65	SSW 2	NNW 2	3	3	-----
8	56.86	55.88	23.6	29.8	92	69	S 2	N 3	10	6	-----
9	58.70	57.87	21.1	30.2	85	55	S 1	N 2	3	4	-----
10	59.46	58.29	21	29.7	78	59	Calm	N 1	4	5	-----
11	59.10	58.62	20.5	27	86	74	Calm	N 1	4	9	-----
12	58.82	57.39	22.2	30.5	93	65	Calm	N 1	10	6	-----
13	58.83	57.37	22.8	29.6	90	62	S 1	N 2	6	7	-----
14	59.92	57.88	21.5	30.2	88	68	S 2	N 3	3	3	-----
15	58.75	56.98	22	31.2	91	60	SSW 3	N 3	2	3	-----
16	58.69	57.16	22.5	30.2	88	68	SSW 2	N 3	7	6	-----
17	58.70	57.15	22.6	26.2	89	85	S 2	SW 1	7	8	25.9
18	57.48	55.67	23.5	26.7	98	82	Calm	N 2	10	10	1
19	56.07	54.63	23.5	27	97	84	Calm	Calm	10	10	.5
20	55.92	54.16	23.4	28	97	77	Calm	N 3	6	10	40.6
21	56.25	55.86	23	27.3	97	85	Calm	SW 2	3	2	11.4
22	57.29	56.61	23	28.5	97	78	Calm	N 2	6	8	.3
23	57.64	56.79	22.6	28.3	99	77	S 1	N 2	6	7	-----
24	57.73	56.92	20.6	28	90	71	Calm	N 2	5	8	-----
25	57.99	56.80	22.4	28.1	92	72	Calm	W 1	9	8	-----
26	57.24	56.53	22.2	29.1	95	68	Calm	NW 2	6	6	-----
27	57.40	56.62	20.5	27.5	95	71	SSW 2	Calm	8	9	-----
28	57.25	55.94	21.7	28.4	85	64	Calm	N 1	8	6	8.9
29	57.47	56.06	24	28	96	82	Calm	NW 2	10	10	36.3
30	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
31	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Mean	57.81	56.47	22.3	28.8	91.6	71.2	0.8	1.8	6.2	6.5	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	124.9

MARCH.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	57.49	57.35	23.1	25.6	99	85	Calm	S 1	10	10	22.1
2	56.85	56.66	23.3	27.6	97	78	Calm	N 3	10	10	.5
3	57.68	58.13	23.5	24.1	97	85	Calm	Calm	10	10	1.8
4	59.34	58.06	20.6	28.2	91	77	S 2	N 2	6	5	-----
5	58.85	57.51	22.5	28.6	93	75	S 1	N 2	5	5	2.3
6	57.89	56.29	22.3	29	93	69	S 1	N 2	6	5	-----
7	57.53	55.93	22.3	29.5	92	75	Calm	N 2	6	5	-----
8	58.14	56.98	22.1	30.1	93	71	S 1	N 2	3	4	-----
9	59.03	57.16	22.7	30.1	89	71	Calm	NNW 2	7	6	-----
10	58.18	56.79	23.3	27.7	90	78	Calm	Calm	9	10	-----
11	58.03	56.04	23	29.6	94	69	S 1	NW 2	6	5	-----
12	58.30	56.85	23	28.5	91	70	S 2	N 1	3	9	.5
13	58.49	57.29	22.5	30.7	94	64	Calm	N 2	7	6	-----
14	58.24	57.17	20.8	30.5	87	65	S 2	N 2	5	8	.8
15	57.38	55.23	24	27.1	96	85	SSW 2	NW 2	8	10	9.9
16	57.66	55.98	23.6	28.2	97	80	Calm	Calm	6	5	-----
17	58.23	56.72	22.3	30.5	95	65	Calm	N 2	6	5	-----
18	58.55	56.70	22.1	30.7	95	69	Calm	N 2	7	6	-----
19	58.24	56.83	22.5	29.7	92	70	S 2	N 2	3	4	-----
20	57.96	56.60	23.2	30.9	94	60	S 2	N 3	3	3	-----
21	58.14	57.74	23.2	29.2	84	73	S 2	N 3	3	5	23.6
22	59.24	58.24	21	29.1	95	76	S 2	NW 2	6	5	-----
23	59.54	57.85	21.5	30.8	91	71	S 1	N 2	3	2	-----
24	60.37	58.94	21.5	30.4	88	72	S 1	N 2	8	8	-----
25	59.99	57.87	23.3	29.6	87	75	S 2	ENE 2	7	8	-----
26	59.68	58.36	22.6	28.8	91	80	Calm	N 2	6	5	-----
27	58.94	58.18	23.1	28	92	75	S 1	Calm	6	9	1.3
28	59.35	57.35	22.6	30	90	69	S 1	N 2	2	8	-----
29	58.60	56.30	22.5	30.6	91	68	S 1	NW 2	2	3	-----
30	58.10	56.03	22.6	30.4	88	66	S 2	NW 2	4	6	-----
31	57.72	56.08	23.5	30.8	79	64	W 2	NNW 3	9	3	-----
Mean	58.44	57.07	22.6	29.2	91.8	72.3	1	1.8	5.9	6.2	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	62.8

APRIL.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	57.20	55.99	21.8	30.5	86	62	Calm	N 2	7	9	-----
2	57.88	57.11	21	28.6	84	67	NW 1	N 2	8	7	-----
3	59.74	58.22	21.4	31	78	62	NW 1	NNW 3	3	3	-----
4	59.83	58.42	22.5	31	89	60	Calm	NNW 3	6	2	-----
5	60.04	58.23	23.5	31	84	62	Calm	NW 3	3	2	-----
6	60.30	58.39	22.9	32.7	82	57	W 1	NNW 2	4	1	-----
7	60.79	58.07	24.2	27.6	86	80	Calm	WNW 1	10	8	2.5
8	60.80	57.85	23.5	31.2	96	62	WSW 1	NW 3	3	2	-----
9	59.63	57.80	21.5	30.7	87	64	WSW 1	N 4	0	1	-----
10	59.50	57.59	21.5	30.1	83	65	SW 1	N 4	6	1	-----
11	58.70	56.84	21.5	30.5	88	66	SSW 1	NW 1	0	8	-----
12	58.48	57.24	22.7	31.2	87	66	W 2	N 3	9	4	-----
13	58.97	57.13	22.9	31.4	88	61	S 2	N 3	6	8	-----
14	59.12	57.45	22.2	30.5	88	65	NW 1	NW 4	0	2	-----
15	58.12	57.21	22.5	29.8	88	71	S 1	NW 2	10	6	7.7
16	57.68	56.21	24.4	26.5	97	92	Calm	Calm	10	10	12.9
17	56.12	55.05	23.8	30.3	97	70	Calm	NE 2	8	8	16.5
18	57.16	54.77	24	30.7	91	72	S 1	NE 3	7	6	-----
19	56.62	55.02	24	31.3	88	64	S 1	NNE 2	8	4	-----
20	56.88	55.39	24.6	29.4	92	72	Calm	NE 2	4	5	-----
21	56.96	55.38	24	31.5	97	63	S 1	N 3	10	8	-----
22	57.09	55.64	21.8	31.1	85	66	S 1	NNE 3	1	3	-----
23	56.67	55.08	22	30.9	87	67	S 2	NE 3	2	3	-----
24	56.67	54.77	24.3	31	89	72	S 1	NNW 3	6	2	-----
25	56.74	55.43	23.8	31.3	89	58	S 2	N 3	0	1	-----
26	57.58	56.30	23.8	30.5	89	74	SSW 1	NNW 3	5	8	-----
27	57.78	56.73	23.2	30.7	82	67	NW 1	NNW 3	5	8	-----
28	57.69	56.49	23.6	29.5	87	75	S 1	N 1	6	8	1
29	58.26	56.68	23.5	28.7	91	69	S 1	N 2	10	10	-----
30	58.01	57.20	23.8	29	88	74	Calm	N 3	10	10	-----
31	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Mean	58.23	56.66	23	30.3	88.1	67.5	0.9	2.5	5.6	5.3	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	40.6

[a] Rain until 4 p. m. only.
[b] 28 days of observation.
[c] 25 days of observation.
[d] These readings were taken from a self-recording apparatus.

CAGAYAN, MISAMIS.

[$\phi = 8°\ 29'$ N; $\lambda = 124°\ 38'$ E; barometer above sea, 13 meters; gravity correction not applied, —1.89 mm.]

MAY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.		Wind, direction and force (0–12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*					*0–10.*	*0–10.*	*mm.*
1	57.99	56.76	23.5	29.3	87	66	S	1	NNW	1	8	10	1.3
2	58.04	56.66	23	26.7	96	71	Calm		Calm		10	10	4.6
3	56.53	54.93	22.5	29.4	92	72	Calm		NNE	1	10	10	2.3
4	56.68	55.25	24.8	31.5	93	67	Calm		N	2	10	8	17.5
5	57.13	55.94	24.6	27.5	-----	86	Calm		Calm		10	10	18.8
6	57.51	55.28	23.9	29.6	93	70	Calm		N	1	5	8	2
7	57.22	56.47	24	26	86	89	Calm		Calm		2	10	26.7
8	58.44	57.32	22.1	29.5	94	66	Calm		E	2	8	9	-----
9	59.11	58.08	23.8	28.6	87	71	S	1	NNE	2	10	8	-----
10	59.17	57.25	22.7	29.1	89	77	S	1	NNE	2	0	5	1.5
11	58.68	56.55	24	31	91	62	S	1	N	2	9	2	-----
12	58.69	57.33	24.8	30.7	89	69	Calm		N	3	10	6	-----
13	58.25	56.38	22.9	31.4	90	68	SSW	1	N	3	2	6	7.6
14	58.23	55.58	23.5	29.5	96	69	Calm		N	1	10	9	-----
15	57.11	55.47	23.5	30.8	90	70	S	1	NNW	3	0	4	-----
16	58.12	56.62	24	31	91	69	W	2	NNW	4	2	6	-----
17	58.68	57.48	22.9	28.7	91	80	S	1	Calm		9	10	-----
18	58.34	56.21	23.8	28.8	93	74	S	1	N	3	8	9	1.7
19	57.89	56.35	23.5	31.4	94	62	S	1	ENE	2	0	6	-----
20	57.91	56.32	23	31	88	67	S	1	N	3	0	1	-----
21	57.66	55.90	24	31.7	87	64	Calm		N	2	0	4	-----
22	57.27	55.48	23.5	30.1	85	71	S	1	N	3	8	10	.8
23	56.71	55.50	23.8	30.8	94	71	S	1	N	2	4	6	-----
24	56.77	55.20	23.9	30.9	88	69	Calm		N	3	0	4	-----
25	56.71	55.50	24.3	31	89	72	S	1	N	3	3	6	2.5
26	56.33	55.06	24.6	29.5	96	76	Calm		NW	2	10	10	18.6
27	56.67	54.84	23.8	29.5	97	73	Calm		NNE	2	2	8	.5
28	56.67	55.30	24.2	31	95	71	S	1	NNE	2	10	8	-----
29	56.75	55.08	23.1	31	90	72	S	2	WNW	2	0	10	-----
30	57.69	56.39	24.1	30.4	89	72	S	1	N	3	8	10	-----
31	57.88	56.77	23.6	31	92	67	Calm		N	2	10	10	-----
Mean	57.64	56.10	23.7	29.9	91.1	71.1	0.6		2		5.7	7.5	-----
Total	-----	-----	-----	-----	-----	-----	-----		-----		-----	-----	106.4

JUNE.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.		Wind, direction and force (0–12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*					*0–10.*	*0–10.*	*mm.*
1	57.88	56.24	23.6	30.4	90	70	S	1	N	2	10	8	-----
2	57.32	55.04	23.5	31.4	87	67	S	1	N	3	3	3	-----
3	57.25	55.60	25.4	30.5	93	72	Calm		N	3	10	5	8.1
4	56.94	55.68	24	30.8	94	69	S	1	NNE	2	4	8	32.5
5	57.41	55.32	23.8	29.6	97	71	S	1	N	3	2	6	-----
6	56.32	54.77	24.2	30.3	94	76	S	1	N	3	8	8	-----
7	56	54.98	24.4	28.3	96	82	Calm		Calm		7	10	38.1
8	55.87	54.66	23.4	28.1	97	74	Calm		WNW	2	4	10	9.1
9	55.85	54.60	22.9	30.2	97	71	S	1	N	2	10	8	-----
10	56.24	55.37	23.3	30.7	93	72	S	1	NE	2	10	10	1
11	56.48	55.14	23.6	28.5	96	85	S	1	N	2	10	10	2.5
12	55.83	53.92	23	30.4	92	68	S	1	N	2	10	10	3.6
13	55.02	53.54	23.5	31.4	94	69	S	1	N	2	10	8	32
14	56.12	55.34	22.5	30.5	95	68	Calm		N	2	10	7	-----
15	56.52	55.13	22.7	32.5	85	58	S	1	NE	2	0	7	-----
16	56.22	54.67	22.9	31.9	90	65	S	1	N	2	3	4	-----
17	56.47	54.22	23.6	30.4	90	72	S	1	N	3	10	8	3.3
18	57.34	56.10	23.6	27.3	97	84	Calm		N	2	10	10	40.1
19	57.50	56.91	22.5	28.4	96	79	S	1	N	2	10	10	3.8
20	58.07	56.57	23.8	31.2	93	68	Calm		N	2	10	10	-----
21	57.79	55.43	23.3	32.2	92	68	S	1	N	3	10	8	16.5
22	58.05	56.75	22.6	31.4	95	71	Calm		N	2	10	8	6.5
23	58.40	57.29	22.6	30.1	94	72	Calm		N	2	10	8	-----
24	58.69	57.58	23.1	31.1	90	65	S	1	N	3	0	6	-----
25	59.75	58.32	22.7	30.4	92	73	S	1	N	2	4	6	-----
26	59.37	57.84	22.5	30.5	94	70	S	1	N	2	8	9	-----
27	59.68	57.87	23.5	26.8	96	86	S	1	SSW	1	10	10	10.6
28	59.44	58	22.3	27	96	79	SSW	2	NE	2	10	10	-----
29	59.37	57.66	22.4	30	94	75	S	2	NNE	2	10	8	35.8
30	59.13	57.26	22.4	29	97	71	S	1	NE	2	8	8	1
31	-----	-----	-----	-----	-----	-----	-----		-----		-----	-----	-----
Mean	57.41	55.93	23.2	30	93.5	72.3	0.8		2.1		7.7	8	-----
Total	-----	-----	-----	-----	-----	-----	-----		-----		-----	-----	244.5

JULY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.		Wind, direction and force (0–12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*					*0–10.*	*0–10.*	*mm.*
1	58.07	56.33	22	29.8	96	73	S	1	E	2	10	9	6.4
2	57.67	56.84	22.4	28.1	96	81	SSW	1	N	2	10	10	7.1
3	57.72	56.80	21.8	25.8	97	94	S	1	Calm		9	10	6.8
4	58.18	57.75	22.8	27.6	97	86	Calm		Calm		10	10	10.9
5	58.73	57.81	22.5	28.6	96	70	Calm		NE	1	10	10	-----
6	59.03	58.15	22.1	29.2	92	74	Calm		NE	1	5	10	-----
7	58.68	57.43	22.1	30.4	92	71	S	2	N	3	2	6	-----
8	58.34	57.35	22.9	30.2	93	66	S	1	ENE	2	7	8	-----
9	58.44	57.10	23.9	31.3	97	70	Calm		NE	3	7	4	-----
10	58.23	56.63	22.9	31.3	87	68	S	1	N	2	4	7	3.6
11	58.39	57.94	22.4	25	96	96	S	1	N	2	10	10	17
12	58.09	56.69	21.6	30.7	97	71	SSW	1	N	2	6	6	-----
13	58.09	57.04	23.2	30.6	94	71	Calm		ENE	2	10	5	2.5
14	58.43	57.58	24	29.6	96	75	Calm		N	3	10	9	45.5
15	58.13	56.28	22.5	30.4	96	72	S	1	N	3	10	10	-----
16	56.67	55.80	24	26.1	91	87	S	1	SSW	2	10	10	3.3
17	56.68	55.80	23.4	28.7	97	78	S	1	NW	1	10	10	11.4
18	57.25	55.92	23	30.1	97	75	S	1	N	2	10	10	15.4
19	57.53	55.77	23.4	30.4	97	74	Calm		N	2	10	8	-----
20	57.29	55.14	23.3	30.6	92	74	S	1	N	3	3	7	1.3
21	57.57	55.85	22.8	30.7	97	73	S	1	N	2	3	1	-----
22	56.74	55.67	22.8	31.4	93	75	S	1	N	3	0	4	-----
23	56.47	54.93	22.8	30.9	91	69	S	1	NNW	2	0	7	-----
24	56.79	55.32	23	31.6	90	68	Calm		N	3	10	8	-----
25	57.94	56.01	23	31.4	89	66	S	1	N	3	10	4	8.6
26	57.48	56.28	23	31.2	97	68	Calm		N	4	7	8	26.7
27	57.34	56.22	22.8	30.8	93	73	S	1	N	4	2	9	6.6
28	57.27	55.99	22	30	96	68	SSW	1	NE	1	8	10	8.1
29	57.48	56.01	22.6	29.1	98	77	S	1	N	1	8	10	-----
30	57.32	55.78	23	30.5	91	72	S	1	N	2	9	8	5.8
31	57.37	55.79	22.4	30.2	96	74	S	1	NNE	2	10	10	5.8
Mean	57.72	56.45	22.8	29.8	94.4	74.5	0.7		2.1		7.4	8	-----
Total	-----	-----	-----	-----	-----	-----	-----		-----		-----	-----	192.8

AUGUST.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.		Wind, direction and force (0–12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*					*0–10.*	*0–10.*	*mm.*
1	58.02	56.73	22.4	30.2	97	74	SW	1	NNW	2	3	7	7.6
2	58.25	57.18	22.7	31.3	97	68	S	1	NE	1	0	8	3
3	59.04	57.44	22.6	30.5	97	72	S	1	N	1	0	9	.5
4	59.69	58.34	22.6	29.4	96	68	S	1	N	2	0	10	10.4
5	60.08	58.75	21.6	27.5	96	75	SW	2	SW	4	2	10	36.8
6	58.97	57.93	22	30	96	65	SSW	1	NE	1	9	10	-----
7	59.02	57.84	22.6	30.4	95	68	S	1	NNW	1	0	9	-----
8	59.68	57.67	22.4	31.7	93	64	Calm		WNW	2	6	7	-----
9	58.99	56.11	23.2	30.8	92	65	S	1	NNW	2	10	8	-----
10	57.82	55.58	24.1	30.8	93	70	S	1	NE	1	10	10	-----
11	57.25	55.14	22.8	30.7	90	66	S	1	ENE	2	10	10	-----
12	57.13	55.69	23.6	32.2	86	64	S	1	NNW	2	10	10	-----
13	57.04	56.06	22.9	30	91	68	S	1	NNE	1	10	10	-----
14	58.37	57.58	23.5	31.2	87	68	S	1	ENE	2	9	9	4.8
15	59.49	58.39	23	30.6	96	68	S	1	NNW	2	8	8	31.7
16	59.93	57.79	23.1	30.1	95	66	S	1	NNW	2	9	10	4.8
17	58.87	57.34	22.4	28.9	92	71	S	1	N	2	10	9	25.1
18	58.95	57.53	22.3	31	93	71	S	1	N	1	0	6	3.8
19	59.12	58.28	22.6	28.8	95	79	S	1	N	2	6	10	-----
20	58.87	57.82	22	29	91	76	SSW	1	N	1	6	10	-----
21	59.13	57.93	22.4	29.2	93	74	S	2	ENE	1	10	10	4
22	59.83	57.99	22.5	29.2	96	71	Calm		NE	2	10	10	-----
23	59.07	57.15	22	29.1	91	74	S	1	NE	1	8	10	-----
24	57.74	56.43	22.6	30.5	96	72	S	1	NE	2	2	8	-----
25	57.62	56.82	23.4	28.5	91	76	Calm		N	1	9	10	2.9
26	58.48	57.80	22.5	30.6	94	71	SSW	2	N	2	10	10	-----
27	58.43	55.88	22.9	30	95	74	S	1	N	1	8	7	-----
28	57.67	56.25	22.4	25.9	92	85	S	2	SSW	2	8	10	54.6
29	57.87	57.04	21.6	30	98	65	SSW	1	NNW	2	9	7	-----
30	58.44	57.15	22	30.9	89	71	S	2	NNW	2	7	8	-----
31	58.77	57.03	22.1	31.5	91	65	S	1	WNW	2	9	8	1
Mean	58.63	57.18	22.6	30	93.4	70.5	1.1		1.7		6.7	9	-----
Total	-----	-----	-----	-----	-----	-----	-----		-----		-----	-----	191

CAGAYAN, MISAMIS.

[ϕ=8° 29′ N; λ=124° 38′ E; barometer above sea, 13 meters; gravity correction not applied, —1.89 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	58.74	57.80	23	24.1	96	96	SW 2	S 1	10	10	65.5
2	58.57	56.53	22.3	30	97	71	S 1	N 2	10	8	------
3	57.59	55.72	22.4	30.5	92	66	S 1	N 1	10	10	25.1
4	56.73	55.30	22	30.1	95	67	SSW 1	ENE 2	10	9	------
5	57.40	56.78	22.4	29.5	90	75	SSW 2	N 1	4	9	8.4
6	57.97	55.90	22.4	31	95	68	S 1	N 2	9	4	2.3
7	57.49	55.15	23.5	31.3	95	73	SW 2	W 2	7	9	4.8
8	57.89	56.60	22.6	29.2	97	76	S 1	NNE 3	10	10	7.6
9	57.80	56.35	21.6	29	97	74	S 1	NNE 3	6	10	6.4
10	57.69	56.64	22.8	27	97	85	Calm	Calm	10	10	6.3
11	58.85	56.19	22.1	29.6	97	70	S 1	N 2	10	10	.8
12	59.70	57.75	22.8	30.2	96	70	S 1	NE 2	10	8	9.9
13	58.87	56.05	22.7	29.4	98	72	S 2	NNE 2	10	8	------
14	57.10	55.48	22.5	29.7	91	70	S 2	N 1	7	10	1.3
15	57.27	56.22	22.5	29.5	94	72	Calm	ENE 2	4	9	3.8
16	57.90	55.64	22.9	30.7	96	70	S 1	ENE 2	8	5	4.1
17	57.74	55.40	24	30.8	96	67	S 1	E 3	10	5	.8
18	57.37	55.07	23.8	31.5	91	67	S 2	NNW 3	8	7	------
19	57.23	55.11	22.9	31.5	92	63	S 1	N 2	8	5	8
20	57.82	55.86	23	32	95	64	S 1	N 2	0	8	------
21	57.04	54.86	24	30	87	68	S 2	Calm	10	10	------
22	57.03	54.53	23.8	30.3	93	68	Calm	N 2	10	10	30.5
23	56.34	54.53	22.6	28.4	95	75	S 1	N 2	10	10	------
24	55.84	54.90	23.3	26	92	85	SSW 2	Calm	10	10	5.3
25	56.59	55	22.9	31.3	95	66	S 1	N 1	10	10	------
26	56.70	55.31	23	31.4	93	62	Calm	N 1	10	10	------
27	57.84	56.19	23	31	91	65	SW 2	N 1	10	10	------
28	57.32	56.13	24.3	30.2	97	74	Calm	N 1	10	10	4.1
29	56.93	55.92	23.1	30.3	95	70	S 1	W 2	10	10	2.5
30	58.07	56.75	22.7	28.8	90	72	Calm	NNE 2	6	9	------
31	------	------	------	------	------	------	------	------	------	------	------
Mean	57.58	55.86	22.9	29.8	94.2	71.4	1.1	1.7	8.6	8.8	------
Total	------	------	------	------	------	------	------	------	------	------	192.5

OCTOBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	58.48	56.85	23	31	92	65	S 1	NNW 2	4	3	4.1
2	58.32	56.50	22.8	30.8	93	66	Calm	NNW 3	9	8	6.5
3	58.63	57.46	23.8	27.8	97	80	Calm	NW 2	10	10	2.5
4	58.92	57.63	22.1	30	92	65	W 2	NE 2	5	5	------
5	59.27	57.39	23	30.6	87	70	S 1	NW 2	7	6	------
6	58.35	56.47	23.3	29.1	88	77	S 1	NE 2	6	10	------
7	57.58	55.73	22.5	30.6	89	64	S 1	NW 1	6	4	------
8	57.80	56.64	23	30.6	91	62	S 1	N 2	7	10	------
9	58.62	57.10	22.8	31.2	83	67	S 1	NNE 3	9	7	------
10	59.68	57	22.6	31	88	65	S 2	NNW 2	7	6	------
11	57.98	55.80	23	31	90	61	S 1	NNW 3	10	4	------
12	57.47	55.32	23	29.5	91	71	S 2	NNW 3	0	8	------
13	57.71	56.08	23.8	29.8	89	69	S 1	N 1	7	10	15.5
14	58.04	55.42	22	29.8	96	69	Calm	NNW 3	4	5	------
15	56.76	54.75	23.3	30.4	93	68	Calm	NW 1	10	9	42.2
16	57.14	55.20	23	29.4	95	73	SW 2	N 2	10	10	------
17	57.59	55.37	23.5	30	92	71	S 1	N 3	10	9	5.3
18	57.62	55.54	23.7	29.6	97	75	S 1	NNW 1	10	9	6.4
19	56.94	54.19	23	30.3	97	73	Calm	Calm	5	7	5.1
20	55.93	54.86	23.6	27.5	93	87	SSW 2	N 2	4	10	2.1
21	57.08	55.29	23.5	29.8	94	73	Calm	N 2	6	10	2.3
22	57.68	56.05	23.4	28.4	97	78	SSW 1	Calm	10	10	3
23	57.34	55.38	22.8	30.2	97	73	SW 1	NNE 1	6	9	5.3
24	58.48	57.17	24	26.2	96	87	S 1	ENE 1	10	10	3.7
25	59	57.21	23.2	28.5	97	78	S 2	NNW 2	10	9	11.9
26	59.65	57.31	22.9	29.4	97	74	Calm	NNW 2	10	8	2.8
27	58.79	56.15	23	28.8	95	80	Calm	NNW 2	10	10	.8
28	56.97	55.19	22.2	30	92	71	S 1	N 2	9	9	6.1
29	57.27	55.85	22.1	30.7	95	67	S 1	N 1	9	6	------
30	58.27	56.66	22	29.1	96	73	S 1	NNE 2	0	9	------
31	57.83	55.28	22	28.4	91	73	Calm	N 1	2	8	.5
Mean	57.97	56.09	23	29.7	92.9	71.8	0.9	1.8	7.2	8	------
Total	------	------	------	------	------	------	------	------	------	------	126.1

NOVEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	56.17	54.56	23	28.5	93	78	S 1	Calm	3	9	3.3
2	56.14	54.74	22.2	30	94	66	SSW 1	NNW 2	7	4	1.3
3	57.59	55.17	22.2	29.5	96	70	S 2	NNE 2	4	4	8.6
4	57.43	54.92	23	29	96	76	S 2	E 2	3	9	------
5	56.77	55.03	22.5	30	92	62	S 1	Calm	8	8	------
6	56.99	55.10	21.9	30	84	72	S 1	N 1	7	4	------
7	56.88	55.45	23.1	30	91	70	Calm	N 2	8	9	7.6
8	57.68	56.39	22.8	28.9	93	77	Calm	N 2	9	10	2
9	58.37	56.54	23.9	29	97	77	Calm	N 2	9	9	13.5
10	58.28	56.13	22	29.3	95	72	Calm	Calm	4	8	8.6
11	57.25	55.68	23.1	29	96	76	Calm	N 1	8	9	10.7
12	57.50	55.03	22.5	30.1	94	71	S 1	N 3	10	7	2.2
13	57.62	56.17	22	29.8	92	75	S 2	N 3	4	8	------
14	56.78	55.04	22.1	29.1	95	73	Calm	N 1	9	10	2
15	56.77	54.73	22.9	29	95	74	SSW 1	NNW 2	10	10	33.8
16	56.70	54.54	22.6	31	98	62	S 1	N 1	10	9	2.3
17	57.37	55.48	22.8	30.7	96	64	S 1	NNE 2	3	3	.5
18	58.54	56.13	23	30	93	68	S 1	N 1	7	10	------
19	58.75	56.78	22.6	28.5	93	80	SSW 1	N 1	8	9	------
20	58.14	55.90	23	30.2	95	74	S 1	NNW 2	10	9	------
21	58.14	56.59	22.8	28.9	97	76	S 1	NNE 2	8	9	.8
22	57.94	56.14	22.9	30.5	94	65	Calm	N 1	10	8	4.6
23	58.47	56.67	21.9	29.6	97	67	S 1	N 1	8	8	------
24	57.57	55.55	22.5	29.6	93	71	S 1	NNW 2	8	8	24.1
25	56.63	54.86	21.4	29.5	95	72	S 1	NNW 1	8	8	------
26	55.51	53.64	20.8	29.5	86	68	S 1	N 2	0	2	------
27	55.46	53.53	21.4	30.9	90	62	S 1	N 1	10	10	------
28	55.52	54.47	22.6	30.1	92	70	S 1	ENE 1	10	10	------
29	55.73	55.17	23.4	25.8	97	94	S 1	Calm	10	10	19.6
30	56.79	55.35	23	27.3	98	81	Calm	N 1	10	10	3.5
31	------	------	------	------	------	------	------	------	------	------	------
Mean	57.18	55.38	22.5	29.4	93.9	72.1	0.8	1.4	7.4	8	------
Total	------	------	------	------	------	------	------	------	------	------	144

DECEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	56.43	54.52	22	28.1	96	73	SSW 2	N 2	8	10	------
2	56.04	54.42	22.6	29.6	92	72	S 1	Calm	10	10	------
3	56.52	55.68	22	29.5	93	73	S 1	NNW 2	0	4	------
4	56.53	55.53	22	29.9	96	71	S 1	NNW 2	0	2	------
5	56.59	54.63	22.5	29.2	92	76	S 1	W 2	4	9	------
6	55.79	54.63	23.5	30	94	68	S 1	NW 2	10	4	------
7	55.79	54.25	22.6	29.8	95	72	S 1	W 3	0	4	------
8	55.87	54.24	22.4	30	92	68	S 1	NW 1	0	2	------
9	55.95	54.62	22.1	30.1	93	73	S 1	NW 2	4	10	------
10	56.50	54.58	21.8	29.6	91	69	S 1	N 1	10	2	------
11	56.44	54.69	22	29.6	95	77	Calm	NNW 2	8	9	------
12	55.99	53.80	23.2	29.6	97	66	Calm	N 1	6	10	------
13	56.05	54.11	22.9	29	96	74	S 1	NNW 1	10	9	2.8
14	55.29	53.16	23.6	30	97	71	S 1	N 1	10	10	------
15	55.14	53.90	22.4	27	96	87	Calm	N 1	8	10	4.3
16	55.29	53	23.3	30.3	97	70	S 1	N 2	10	9	------
17	54.98	52.92	23.5	29	96	81	S 1	NNW 1	10	10	5.9
18	55.68	53.90	24.1	29	98	75	Calm	NNW 1	10	8	7.1
19	56.50	54.46	22	29	96	72	S 1	N 3	0	8	------
20	56.34	54.25	22.1	29.6	96	70	S 1	NNW 2	8	9	3.6
21	56.84	54.48	23	29.1	98	72	Calm	WSW 3	10	9	14.7
22	56.97	54.20	22.5	28.5	98	73	S 1	N 1	10	10	------
23	56.38	54.50	22.3	29.5	93	68	S 1	NNW 1	10	10	------
24	56.47	55.45	21.4	27.4	91	77	S 1	NW 2	10	10	18
25	56.48	55.25	22.7	29	98	74	Calm	Calm	10	10	1.3
26	55.67	54.41	23	24.8	98	98	Calm	Calm	10	10	12.5
27	54.90	52.91	22.5	29.1	96	62	S 1	NE 1	10	10	------
28	55.25	53.71	23	29.5	91	74	S 1	Calm	10	10	------
29	55.84	54.15	22.8	29.5	97	70	S 1	NNW 1	10	7	1.5
30	56.73	54.60	22	29.4	98	71	Calm	NNW 1	10	8	------
31	57.13	55.34	23.5	28.3	97	82	S 1	N 2	10	10	------
Mean	56.08	54.33	22.6	29.1	95.3	73.5	0.8	1.4	7.6	8.2	------
Total	------	------	------	------	------	------	------	------	------	------	71.7

BUTUAN.[a]

[ϕ=8° 56′ N; λ=125° 32′ E; barometer above sea, 2 meters; gravity correction not applied, —1.88 mm.]

JANUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	55.43	54.84	21.7	24.6	97	92	WNW 2	N 3	10	10	1.5
2	56.22	54.88	21.2	31.9	98	57	S 2	SSW 1	7	6	------
3	57.50	56.31	22.8	32.1	97	61	ESE 1	SSW 2	2	3	1
4	59.88	58.23	22.6	30.6	99	72	SE 1	N 1	3	8	2.3
5	60.13	58.83	23.5	29.5	97	78	SE 1	SW 2	2	8	5.4
6	59.65	58.37	22.6	31.6	99	66	Calm	NNW 3	7	7	------
7	59.97	58.48	22.6	30.3	98	70	Calm	SE 3	9	6	8.2
8	60.19	58.97	22.5	29.5	96	74	N 1	NE 2	3	6	.8
9	60.98	59.07	21.6	30	99	71	E 1	N 1	9	9	.5
10	61.23	58.90	22.6	31.7	99	65	Calm	NNW 3	5	6	------
11	60.85	58.72	23.9	27.8	97	83	ESE 1	NNW 1	9	8	13.5
12	59.92	58.24	23.2	24.9	98	92	Calm	N 1	10	10	17
13	58.32	56.39	23.1	24.6	99	95	NE 1	WNW 2	10	10	50
14	54.81	52.76	24.3	28.1	97	76	NW 3	WNW 3	10	9	7.4
15	54.45	53.47	22.8	30.4	94	72	SSE 3	ESE 1	6	9	4.1
16	54.59	53.22	24.1	28	99	78	ENE 1	NW 4	9	9	12.7
17	55.80	55.76	24.6	24	95	96	NW 7	NNW 6	10	10	43.5
18	57.70	56.94	23	25	97	85	WNW 5	NW 7	10	10	58.7
19	58.05	57.67	23.1	24	99	91	NW 3	NW 7	10	10	13
20	58.56	57.18	23.7	25.6	94	85	WNW 4	WNW 5	10	10	18.8
21	57.23	55.85	23.3	23.1	97	96	N 3	NW 5	10	10	162.8
22	54.89	54.02	24.3	25.5	97	93	NNW 2	NNW 3	10	10	11.7
23	54.60	53.81	23.4	26.5	97	93	ENE 1	SE 1	10	10	14.8
24	55.69	54.05	23.7	25	99	96	Calm	Calm	10	10	69.4
25	57.92	56.31	23	25.7	99	93	S 1	NNW 1	10	10	3.3
26	57.60	55.89	23.1	29.2	99	70	Calm	ENE 3	7	7	.3
27	57.42	55.06	23.5	29	97	78	NE 1	N 1	8	10	.3
28	57.90	55.60	23.8	28.9	97	78	ESE 1	N 2	8	10	5.6
29	57.55	55.22	23.2	30.1	98	67	ESE 1	N 3	5	6	------
30	57.58	55.53	24.1	30.3	97	69	WSW 1	N 2	3	3	------
31	57.24	55.53	23.6	30.7	97	68	Calm	NNW 3	2	2	------
Mean	57.74	56.26	23.2	28	97.5	79.4	1.5	2.6	7.5	8.1	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	526.6

FEBRUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	57.12	55.71	23.9	28.5	97	85	ESE 1	N 1	3	8	1.8
2	57.64	55.60	23.6	32.8	98	55	ESE 2	SSE 3	1	2	------
3	57.54	56.69	24.5	32	96	61	SE 2	N 3	9	3	------
4	58.29	57.41	24	32.1	97	58	ESE 2	NNW 3	3	3	------
5	58.43	57.05	24	32.7	97	58	S 1	NNW 3	2	3	------
6	59.01	56.86	22.6	32	98	61	Calm	NNW 3	3	2	------
7	57.44	55.81	24.1	30.8	96	69	ESE 1	NNW 4	4	4	------
8	57.29	56.26	23.4	31.4	97	66	SE 3	NNW 3	9	4	------
9	59.22	58.07	22.5	32	97	48	Calm	NNW 3	6	2	------
10	60.11	58.88	20.5	31.2	92	55	SE 1	N 3	9	4	------
11	59.83	59.50	22.5	24.4	96	92	ESE 1	S 1	9	10	8.6
12	60.10	58.59	22	28.4	96	75	SW 1	SSE 1	10	9	1.
13	59.70	58.63	22.7	28.9	97	69	E 1	W 1	7	9	.3
14	60.71	58.61	21	29.5	96	70	S 1	NNW 3	7	9	1
15	59.74	58.10	22.5	31.1	96	60	ESE 2	WNW 3	4	5	1.8
16	59.25	58.01	23.2	29.4	98	72	ENE 1	NNW 3	10	9	------
17	59.26	57.44	23.4	25.2	97	94	NW 1	NE 1	10	10	30.5
18	58.05	56.15	23.5	25.5	97	88	Calm	SE 1	10	10	2.5
19	56.86	55.29	23.2	25.6	98	90	ESE 1	Calm	10	10	19
20	56.94	55.39	23.4	26.1	98	94	SE 1	S 2	10	10	18.6
21	56.76	55.91	23.4	28.9	97	77	E 1	SSE 3	7	9	2.3
22	58.36	56.81	23.2	28.6	96	78	SSE 2	ENE 2	8	9	8.6
23	58.13	56.95	22.2	30.3	99	62	E 1	NW 3	8	5	------
24	58.17	56.97	21.5	29.1	99	68	Calm	NNW 3	10	8	2.3
25	58.37	56.78	22	29.2	96	70	Calm	NNW 3	9	9	------
26	57.50	56.29	22.6	28.1	98	73	Calm	NNW 4	10	10	6.1
27	57.33	56.57	21.7	26.6	98	72	ENE 1	NNW 3	10	10	5.1
28	57.32	55.95	22.7	25.5	98	93	NNE 1	WNW 2	10	10	24.6
29	57.89	56.33	24.1	29.7	99	77	Variable 1	WNW 3	10	9	4.1
Mean	58.36	56.99	22.9	29.2	97	72.1	1	2.4	7.5	7.1	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	138.2

MARCH.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	57.70	57.38	24.5	25	99	94	Calm	NW 3	9	10	17
2	58.02	57.33	23.4	25.6	97	95	WSW 2	W 1	7	10	92
3	59.21	59.21	22.8	23.8	99	97	S 1	SE 1	10	10	54.3
4	59.84	58.20	22	29.1	99	77	Calm	N 3	8	9	10.7
5	59.64	57.90	22.5	31.6	99	60	S 2	N 3	1	5	------
6	58.22	56.79	23.1	27.4	99	89	Calm	WNW 1	7	10	1.5
7	58.40	56.16	23.5	32.9	97	58	S 3	S 1	8	3	------
8	59.05	57.19	22.4	32.5	96	60	ESE 1	NNW 3	3	2	------
9	59.90	57.90	24.4	30.6	93	67	S 1	NNE 1	9	9	2.8
10	59.01	57.12	24.2	27.2	98	83	Calm	WNW 1	10	10	5.8
11	58.73	56.72	22	28.8	98	80	Calm	S 1	10	8	------
12	59.39	57.51	22.9	30	97	75	S 2	N 2	8	8	6.9
13	59.65	58.10	22.6	31.1	98	65	NE 1	NNW 2	5	7	------
14	58.87	57.58	22.2	26	98	92	S 1	N 1	9	10	26.7
15	58.15	56.09	22.8	26.6	98	89	Calm	NNE 2	10	10	5.8
16	58.86	56.84	23.5	25.6	97	87	S 1	S 4	10	10	4.6
17	59.20	58.08	22.5	26.1	96	95	S 1	SE 2	9	10	1.6
18	59.83	57.88	22	28.1	96	70	SE 2	N 1	5	10	2.8
19	58.98	57.58	22.5	27.6	97	88	S 1	SSW 2	5	10	5.6
20	59.17	57.32	23.1	31.8	99	60	S 2	ESE 1	6	5	------
21	59.10	58.59	23.7	25.6	96	95	ESE 1	WNW 1	6	10	4.6
22	60.04	58.74	22.6	31	99	65	E 1	NNW 3	7	6	2.5
23	60.50	59.05	23.6	31.1	96	64	ESE 1	NNW 3	3	5	------
24	61.20	59.69	22	31.2	96	62	Variable 1	WNW 1	8	9	3.3
25	61.17	58.96	23.6	26.2	99	90	E 1	SW 1	9	10	19
26	60.85	59.32	22.6	26.2	99	91	Calm	W 1	7	10	27.9
27	60.19	58.91	23.1	29.6	97	75	SE 4	SSE 1	8	8	1.8
28	60.37	57.95	22.6	31	99	67	ESE 1	NW 1	3	5	.8
29	59.50	56.94	22.1	31.5	99	60	ESE 1	N 3	9	5	------
30	58.96	56.67	23.5	31.2	99	61	ESE 1	NNW 2	5	7	------
31	58.29	56.66	23.4	31.4	93	64	E 1	N 4	7	5	------
Mean	59.35	57.75	23	28.8	97.5	76.6	1.1	1.8	7.1	7.9	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	298

APRIL.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	57.40	56.42	22.6	30.6	99	59	NW 1	NNW 3	10	9	------
2	58.38	57.50	21	31.6	99	60	E 1	N 4	9	3	------
3	60.10	58.57	22.5	31.5	96	63	S 1	NNW 3	7	4	------
4	60.28	59.02	23.6	31.7	99	64	SW 1	N 4	4	7	------
5	60.93	59.12	23.1	31.7	99	64	ESE 1	NNW 3	10	3	------
6	60.97	59.77	24	31	97	63	S 1	N 3	10	8	3.6
7	61.55	59.93	24.1	27	97	88	Calm	WNW 1	10	10	9.7
8	62	58.87	23	30.9	100	72	SW 1	N 2	10	3	5.3
9	60.43	58.60	23.2	30	96	70	S 2	NNW 4	3	6	------
10	60.20	58.35	23	32	97	60	S 1	NNW 3	6	3	------
11	59.60	57.72	23.1	31	94	64	ESE 1	N 2	3	7	8.9
12	59.49	58.43	23.5	28.4	97	79	ESE 1	NNW 1	7	9	1.3
13	60.09	58.23	23.6	27.5	96	85	ESE 3	WNW 1	6	10	9.4
14	59.92	58.24	24	27.5	97	88	ESE 1	WSW 1	10	8	3.8
15	58.67	56.87	23	29.1	97	77	S 1	NNW 3	10	8	2.5
16	57.85	55.34	24.5	26.6	97	86	NE 1	NW 2	10	10	55.6
17	55.86	54.86	23.9	31	97	75	ESE 1	ENE 1	9	9	------
18	56.62	55.02	24.3	31.6	97	65	S 2	NNW 3	8	7	------
19	57	55.49	24.5	31.7	96	65	S 1	NNW 3	9	5	------
20	57.35	55.35	24.5	31.4	92	64	E 1	NNW 3	9	6	------
21	57.31	55.78	24.6	31.5	99	63	SE 1	NNW 3	10	7	------
22	57.39	55.85	23.6	32.2	99	61	E 1	NNW 3	9	1	------
23	57.20	55.23	23.8	32.4	97	64	ESE 1	NNW 3	5	2	------
24	57.35	55.42	24.9	31.6	92	68	SE 2	S 3	10	7	------
25	57.49	55.94	23.6	32.7	96	67	SE 2	WNW 3	2	7	------
26	57.94	57.91	24.1	25.6	99	91	E 1	SE 1	10	10	12.5
27	58.15	57.12	23	29.1	97	75	E 1	NNW 3	10	10	1.8
28	58.15	56.62	23.7	31.5	98	68	E 1	NNW 3	6	7	11.4
29	59.07	56.97	23.6	28.5	98	78	ENE 1	NE 1	10	9	------
30	58.61	58.28	23.5	26.9	96	89	E 1	Calm	10	10	1.1
Mean	58.78	57.23	23.6	30.2	97	70.8	1.2	2.4	8.1	6.8	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	126.9

[a] The barometric readings of this station seem to be too high by about 0.50 mm.

BUTUAN.

[ϕ=8° 56′ N; λ=125° 32′ E; barometer above sea, 2 meters; gravity correction not applied, —1.88 mm.]

MAY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	58.62	57.38	23.4	26	97	90	Calm	NW 1	10	10	48.7
2	57.55	55.98	23	25.6	96	79	NW 3	WNW 7	10	10	22.4
3	56.30	54.78	23	29.6	96	70	SSW 1	NNW 2	10	9	------
4	57.15	55.81	24.4	29.1	97	71	S	2 NNW 3	9	9	6.6
5	57.43	56.98	24.2	25.2	97	98	S	2 SW 1	10	10	28.7
6	57.87	55.47	23.6	30	99	72	SSW 1	NNW 2	7	7	------
7	57.70	56.20	22.8	30.2	95	67	S	3 N 5	2	8	6.1
8	59.21	57.71	22.5	30	98	67	ESE 1	NW 4	8	6	2
9	59.83	58.38	22.7	29.2	97	76	S	3 NNW 3	2	7	.5
10	59.78	57.67	24	29.7	96	69	S	2 NNW 3	7	9	------
11	59.37	56.89	23.9	31.5	97	62	S	2 N 3	5	7	------
12	59.04	57.57	24.5	30.5	96	69	ESE 2	NNW 3	7	8	------
13	58.90	56.53	24.1	31.1	97	67	S	2 N 4	8	7	17.5
14	58.57	55.90	23.1	30	99	69	SE 1	WNW 1	10	9	------
15	58.14	55.79	23.7	31.1	98	75	ESE 1	E 1	6	7	.3
16	58.96	57.16	23.1	31.7	96	66	ENE 1	S 2	3	6	------
17	59.40	58.54	24.2	27.6	95	87	ESE 1	NW 1	6	10	13.4
18	59.33	57.05	24	26.9	97	88	S	2 E 1	10	9	7.1
19	58.72	57.12	23	27.8	97	82	ESE 1	SE 2	2	8	.6
20	58.62	56.88	23.6	27.6	99	89	S	3 N 4	1	9	1
21	58.52	56.44	22.7	32.5	95	66	ESE 1	NNE 3	1	8	19.3
22	57.91	56.06	23.5	31	97	65	ESE 1	NNE 3	9	8	.8
23	57.47	56.46	24	26.9	97	90	ESE 2	SW 1	7	10	2.5
24	57.52	56.27	24	29.4	98	80	ESE 1	NW 1	4	9	1.3
25	57.06	56.07	24.4	29.5	97	79	E 1	N 3	6	9	1.5
26	56.94	55.71	23.2	30	98	78	SSW 2	S 2	10	10	46.5
27	57.45	54.56	23.6	32.7	99	70	SE 1	S 3	10	5	69.3
28	57.19	55.06	23.6	32	99	72	Calm	NNW 3	10	7	.3
29	57.46	55.40	23.5	32	97	66	ESE 1	S 2	6	8	3.6
30	58.21	56.70	25.5	31.1	98	75	ESE 1	NNW 4	9	9	2.5
31	58.44	57.20	23.7	31.7	99	65	Variable 1	SSE 1	10	9	------
Mean	58.21	56.51	23.6	29.7	97.2	74.8	1.5	2.5	6.9	8.3	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	302.5

JUNE.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	58.42	56.64	24	31.5	97	66	SE 1	NNW 3	7	3	------
2	57.64	55.29	23.9	32.2	97	56	S 3	SSE 1	9	3	0.5
3	57.83	55.83	24.5	30.1	97	71	ESE 1	NNW 4	9	6	2.8
4	57.34	56.24	24.1	27.1	98	88	SE 2	WNW 1	8	10	1.6
5	57.52	55.70	23.6	31.1	99	67	Variable 1	N 4	6	7	.3
6	56.32	55.07	24	31.1	97	63	S 1	NNW 3	8	8	11.2
7	56.78	55.07	24.1	27	99	91	S 2	NNE 1	9	10	5.4
8	55.95	54.86	23.7	26.5	99	92	SSE 3	NE 2	3	10	1
9	56.19	54.81	23.4	30.6	99	68	S 1	N 4	10	9	18.8
10	56.60	55.12	23.7	30.4	98	73	ESE 1	NNW 3	8	9	.3
11	56.97	54.91	23.5	29.9	97	75	ESE 1	N 3	10	10	.3
12	56.05	53.93	23.5	31.5	96	69	SE 2	S 2	7	10	16.3
13	55.31	53.57	23.6	32.6	97	66	SSE 2	ESE 2	9	8	18.5
14	56.41	55.57	23.3	31.1	97	71	SSE 1	NW 2	10	7	------
15	56.94	55.45	23	32.4	97	59	SSE 3	N 3	2	7	------
16	56.55	54.72	23.4	33.5	97	58	SSE 2	N 3	3	5	------
17	56.83	54.40	24.2	31.7	98	65	ESE 1	N 3	10	8	9.1
18	57.60	56.37	23.5	26.6	98	87	NNE 1	NW 1	10	10	33.6
19	57.92	57.20	23	28	97	82	SSE 3	S 1	10	10	.5
20	58.52	56.87	24	30	97	75	SE 1	SSE 1	10	9	------
21	58.05	56.37	23.6	30.1	99	75	Calm	N 2	7	9	.3
22	58.45	56.97	23.2	31.7	96	68	S 3	SSW 2	9	7	16.5
23	59.40	58.03	23	30.8	97	64	S 3	NW 2	10	7	------
24	59.50	58.34	23.4	26.6	97	91	S 2	S 1	1	7	24.7
25	60.50	58.51	23.1	30.1	99	78	ESE 1	ENE 1	1	6	16.5
26	60.05	58.46	23	27.4	98	86	E 1	ESE 1	5	9	1.3
27	60.22	58.06	23.9	28.5	97	75	E 1	N 3	10	8	6.4
28	59.67	58.84	22.9	24.6	98	92	ENE 1	N 1	10	10	5.4
29	59.39	58.27	23	28	97	76	Calm	NNW 2	9	9	7.1
30	59.65	57.52	22.5	30.5	97	66	SSE 1	N 3	6	5	------
31	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Mean	57.82	56.23	23.5	29.8	97.5	73.8	1.5	2.2	7.5	7.9	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	198.4

JULY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	58.03	56.62	22.5	29.6	97	71	ESE 2	NNW 3	7	9	------
2	58.11	57.10	23.4	28.3	97	76	S 1	N 3	10	10	1.8
3	58.01	56.91	23.5	28.4	99	78	ESE 2	NNW 3	10	9	23.9
4	58.92	57.72	23.4	30.6	97	70	S 2	NNW 4	7	6	50
5	59.42	58.40	23.1	30	99	70	E 1	NNE 1	10	10	.3
6	59.82	58.74	22.6	29.1	99	83	S 3	SSE 1	7	7	3.1
7	59.37	58.05	22.5	27.6	99	87	ESE 1	Calm 3	10	6	6.9
8	59.15	56.74	23.6	31.5	99	66	S 2	S 2	6	5	6.9
9	59.17	56.91	23.9	31.7	97	71	S 2	S 3	5	5	.3
10	59	56.98	23	29.1	99	76	S 1	NW 2	3	9	42.4
11	59.17	57.84	23.5	26	96	92	S 2	NW 1	10	10	17.5
12	58.43	57.72	23	27.6	97	92	SSE 3	NE 1	7	9	4.6
13	59.65	57.98	23.6	29.6	98	77	S 3	SSE 3	10	8	9.2
14	58.90	57.82	23.5	31.5	96	67	SSE 2	S 3	9	8	7.6
15	58.92	56.81	23.3	29.5	97	75	S 1	WSW 1	9	9	5.8
16	57.43	55.73	24.4	29.6	97	81	SSE 1	SE 2	9	9	4.1
17	57.30	56.19	23.7	28.1	99	83	SSE 1	SE 2	10	9	.3
18	58.25	56.31	24.1	31.4	97	69	S 1	S 2	9	7	2.3
19	58.01	56.20	23.4	31.1	97	68	S 1	S 2	9	7	------
20	57.70	55.51	23.6	33	99	60	S 3	SSE 3	2	3	.3
21	58.07	56.16	24	32	97	61	ESE 1	NNW 3	8	2	------
22	57.11	55.80	23.5	32.6	97	62	S 3	NNW 3	3	3	------
23	56.85	55.21	24	32.8	97	59	SSE 1	N 3	3	3	------
24	56.98	55.76	23.9	32.7	97	64	S 1	N 3	5	6	------
25	58.30	56.38	23.5	32.3	97	62	SSE 3	NNW 3	10	3	11.4
26	57.67	56.10	23.6	32.4	99	64	SE 2	N 3	5	5	.5
27	57.45	56.53	24	29.5	97	75	SE 1	NNW 4	10	7	.3
28	57.46	56.68	23.6	30.2	97	70	S 2	N 2	7	10	------
29	57.62	56.32	24	29.1	98	74	S 1	N 3	10	9	.3
30	57.50	56.16	23.6	29.8	99	80	S 2	ENE 1	7	8	.6
31	57.60	56.37	23.9	28	96	89	ESE 2	ENE 1	10	7	4.3
Mean	58.24	56.77	23.5	30.2	97.6	73.3	1.7	2.3	7.4	7.2	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	204.7

AUGUST.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	58.45	56.79	23.9	32.1	97	66	S 2	WNW 2	3	8	1.3
2	58.75	57.30	23.1	33.2	98	57	SE 2	NNW 3	2	7	.8
3	59.68	58.02	23.1	27.1	97	85	ESE 1	NNE 1	4	7	1.3
4	60.14	58.55	22.8	28.9	97	74	S 3	NNW 4	1	7	50
5	60.44	58.59	22.6	30.5	99	69	S 1	NNW 4	6	7	23.1
6	59.58	58.61	22.9	30.6	97	78	SE 1	S 3	10	9	.3
7	59.79	57.95	23.1	32.5	99	62	S 1	SE 1	1	4	------
8	60.10	58.05	22.8	33	97	58	SSE 1	NNW 2	2	7	------
9	59.29	56.45	24	32	97	64	SE 1	NNE 4	6	7	11.4
10	57.86	55.86	24.1	31.4	99	73	SSE 1	S 1	9	9	2.5
11	57.49	55.52	23	30.5	97	73	S 2	S 1	8	9	------
12	57.31	55.61	23.2	33	97	65	SE 1	SW 1	10	9	------
13	57.57	56.57	23.5	30.3	97	73	S 2	W 3	8	8	.3
14	59.27	57.71	23.2	32	98	66	S 2	S 3	9	7	1.8
15	60.32	58.46	24	31.1	95	67	SSE 3	ENE 2	7	7	1
16	59.82	57.82	23.6	31.9	98	69	E 1	S 3	9	7	9.4
17	59.35	57.74	22.7	31.1	98	66	S 2	NNW 3	10	9	.3
18	59.22	57.79	23	32	94	64	SE 2	NNW 2	2	2	9.1
19	60.04	58.16	22.1	30.6	97	70	S 2	ESE 3	8	6	------
20	59.20	57.71	23	28.6	95	77	ENE 1	E 3	5	10	3
21	59.85	58.13	23.5	29.1	97	77	S 2	S 3	10	10	.5
22	60.29	59	23	28.9	97	76	ESE 1	SSE 2	10	9	.3
23	59.59	57.76	23.4	25.3	97	91	S 3	SSE 2	9	10	------
24	58.41	56.39	23.5	33	97	60	SSE 2	S 3	3	3	.5
25	58.67	57.65	24	29.2	97	78	S 2	SSE 3	5	8	.6
26	59.11	57.61	23.5	30.7	96	71	ESE 2	SSE 2	10	10	9.1
27	58.06	56.82	23.2	27.4	99	81	E 1	WSW 1	10	8	.3
28	57.62	55.75	23.6	31.8	97	62	ESE 1	NNW 3	9	4	9.7
29	58.07	57.28	22.1	31.5	99	58	S 2	E 2	6	5	------
30	58.78	57.57	22.2	31	99	64	ESE 1	S 3	6	8	11.4
31	59.60	57.85	23.2	29.5	98	72	S 2	NNW 2	5	9	1
Mean	59.09	57.45	23.2	30.6	97.3	69.9	1.6	2.4	6.5	7.4	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	149

BUTUAN.

[ϕ=8° 56′ N; λ=125° 32′ E; barometer above sea, 2 meters; gravity correction not applied, —1.88 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.		Wind, direction and force (0–12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*					*0–10.*	*0–10.*	*mm.*
1	59.40	57.21	24.2	31.2	98	73	E	1	NW	3	10	5	41.4
2	58.80	56.28	23	31.6	97	66	S	1	S	2	8	8	------
3	57.31	55.98	22.5	31.6	96	60	S	2	SSE	3	7	9	------
4	57.09	55.87	23.6	30.7	98	64	S	2	ESE	3	9	8	------
5	57.94	56.85	24	30	97	66	S	2	ESE	3	7	9	------
6	58.51	56.25	23.7	31.1	98	71	S	2	S	3	6	7	1.3
7	58.19	56.31	24	24.8	97	94	ESE	2	SE	1	7	9	57.9
8	58.39	57.01	23.7	27	98	88	ESE	1	NE	2	9	9	2.3
9	57.81	57.73	23	25	97	95	ESE	1	ENE	1	7	10	17
10	58.26	56.88	23.2	28	94	81	S	3	S	2	8	10	------
11	59.35	57.57	23.5	30.5	96	72	SSE	2	S	3	8	9	.8
12	59.94	57.86	23	29.1	97	74	ESE	1	NNW	2	10	9	24.9
13	58.65	56.30	23	30.6	100	68	SSE	1	NW	3	9	4	------
14	57.55	55.40	23.5	31.9	96	64	SSE	2	SSE	2	7	8	2.5
15	57.76	55.97	22.6	31.6	99	68	S	3	SSW	3	4	8	1
16	58.41	56.06	22.5	29.6	96	81	E	1	NNE	1	8	9	1
17	58.26	55.60	23.6	31.7	97	64	E	1	N	3	10	8	.8
18	57.54	55.49	24.3	32	97	62	S	3	NNW	3	10	7	.3
19	57.41	55.53	23.5	31.5	97	63	SE	1	NNW	4	8	6	18.3
20	57.56	56.08	23.2	30.8	98	71	S	1	NNW	2	6	9	------
21	56.99	54.96	23.6	29	98	76	SE	1	N	1	10	10	.8
22	57.07	54.40	23.6	30.9	97	70	E	1	NNW	3	10	9	21.1
23	55.97	54.31	23.5	30.2	96	68	SSE	2	NW	2	10	9	1.5
24	56.10	54.50	23.7	30.6	98	68	SE	1	NNW	2	10	10	1
25	57.05	55.20	23.5	31.6	96	68	S	2	S	3	10	9	------
26	57.20	55.56	24.5	30.5	97	70	E	2	NNW	3	8	8	------
27	58.28	56.25	24.7	31.6	96	62	SSE	2	NNW	4	10	9	3.1
28	57.50	56.20	23.1	31.4	99	63	E	2	NW	3	7	9	.3
29	57.46	56.64	23.6	26.8	99	87	SE	2	N	1	9	10	7.4
30	58.62	56.65	22.5	33	96	64	ESE	2	S	3	1	5	.5
31	------	------	------	------	------	------	------		------		------	------	------
Mean	57.88	56.10	23.5	30.2	97.2	71.4	1.7		2.5		7.9	8.3	------
Total	------	------	------	------	------	------	------		------		------	------	205.7

OCTOBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.		Wind, direction and force (0–12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*					*0–10.*	*0–10.*	*mm.*
1	59.02	56.15	24	31.6	98	62	S	1	S	3	1	5	------
2	58.84	56.66	23.6	30.4	97	73	SSE	1	NE	1	7	8	10.1
3	59.52	57.83	24	29.6	97	77	NE	1	SW	1	10	8	3.5
4	59.48	57.44	22.8	32.5	98	63	SSE	3	SSE	2	9	6	------
5	59.60	57.49	23.5	32.7	97	62	SSE	3	NW	4	5	5	------
6	58.55	56.21	23.6	32.4	97	56	SE	2	NNW	4	1	7	5.6
7	58.01	56.16	24	29.3	99	76	SSE	1	NW	3	10	8	6.9
8	58.02	57.13	23.5	28	97	88	S	3	SW	2	9	9	1.8
9	59.22	57.20	23.1	33.5	97	61	SE	2	SSE	3	3	7	------
10	60.09	57.81	23.2	31.5	97	69	ESE	1	NNE	1	7	8	4.6
11	58.85	56.77	23.5	26	97	95	SSE	2	NNW	2	7	9	17.6
12	58.10	55.51	23.9	31.8	97	68	S	3	S	3	1	6	.3
13	58.29	56.52	24	29.6	97	85	S	2	NE	2	5	8	6.3
14	58.45	56.56	23.4	27.8	98	84	SSE	2	NNE	3	9	9	1.8
15	57.11	55.33	23.5	27.5	97	84	S	1	ENE	1	8	9	9.2
16	57.62	55.42	23.6	29.7	99	80	S	2	S	1	7	10	------
17	58.14	56.03	24	25.6	97	95	S	1	Calm		10	10	18.5
18	58.25	56.12	24.1	28.6	97	80	S	2	S	3	9	8	.3
19	57.45	55.53	23.5	26.4	99	94	E	1	S	2	4	10	9.2
20	57.15	55.51	24.1	29.1	96	70	SE	2	SE	4	7	7	6.6
21	58.04	56.71	23.1	25.1	98	98	S	2	S	2	10	10	11.7
22	58.25	55.87	23.6	31.4	96	68	S	3	NW	3	5	3	2.8
23	57.77	56.02	23	28.3	98	86	S	2	S	2	6	10	1.5
24	58.71	58.09	23.5	28.1	96	79	S	3	S	2	10	10	1.8
25	59.90	58.07	23.5	27.5	97	85	S	3	ESE	1	9	10	1.1
26	60.33	58.14	22.9	26	98	91	S	1	S	2	6	9	12.5
27	59.11	56.60	23	28.5	100	86	E	1	NNE	2	9	10	.8
28	57.57	55.81	22.6	29.8	99	78	E	2	SE	1	3	7	3
29	57.74	56.11	23	31.1	97	67	S	2	NNW	4	3	3	.3
30	58.76	57.01	22.6	29.4	99	72	SSE	1	NNW	3	4	9	------
31	58.17	55.10	22.4	31.5	96	63	S	2	N	3	3	4	------
Mean	58.52	56.55	23.4	29.4	97.5	77.1	1.9		2.3		6.4	7.8	------
Total	------	------	------	------	------	------	------		------		------	------	137.8

NOVEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.		Wind, direction and force (0–12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*					*0–10.*	*0–10.*	*mm.*
1	56.50	54.81	23.1	28.1	97	80	S	2	NNE	2	4	9	------
2	56.54	54.96	23.6	32.1	97	64	SW	1	NNW	3	7	8	0.5
3	57.60	55.89	22.6	31.4	99	66	E	1	NNW	3	5	7	26.4
4	57.56	55.13	23.2	27.5	99	88	S	1	NW	2	8	9	.5
5	56.91	55.40	22.5	30.2	99	71	Variable	1	NNW	3	7	8	------
6	57.35	55.39	22.8	31.5	97	64	SE	1	NW	4	6	7	------
7	57.32	55.75	23.4	29.1	97	72	S	2	NW	2	7	6	------
8	57.77	56.55	23.5	31	97	66	SSE	2	NNW	3	9	7	30.5
9	58.47	56.66	22.5	29.6	96	75	E	1	NW	2	7	8	52.8
10	58.41	56.13	22.6	28.7	99	82	Calm		NNW	2	9	9	.5
11	57.69	56.17	22.7	28.5	98	78	SSE	1	NNW	4	3	9	2.5
12	58.25	56.65	23.1	25.5	99	95	S	1	S	1	9	9	9.9
13	58.36	57.35	23.5	26	99	92	Calm		ESE	1	9	10	7.7
14	57.40	56.01	23.1	25.6	99	93	S	1	SSE	1	10	9	17.3
15	57.30	54.93	23.1	28.5	98	78	ESE	1	NW	2	7	7	5.1
16	57.27	54.62	23	32.6	98	70	ESE	1	S	2	9	7	.3
17	57.49	55.70	23.6	32.3	98	65	ESE	1	N	3	5	3	------
18	59.15	57.66	23.7	30.5	98	72	S	3	WSW	1	8	10	------
19	59.30	56.42	23.5	31.6	97	66	ESE	1	ENE	1	8	6	33.8
20	58.60	56.34	24	28	97	85	SSE	3	NNE	2	8	7	2.5
21	58.69	56.66	23.5	30.6	97	70	E	1	NW	3	3	6	1.8
22	59.34	56.79	22.6	30.6	99	75	Calm		SSE	1	10	7	1.1
23	58.97	56.89	22.4	31.2	96	68	SSE	1	NNW	3	3	2	2.8
24	57.97	55.91	23.1	28.4	99	85	S	1	NNE	1	8	9	12.4
25	56.69	55.06	23.3	29.6	98	70	E	1	NNW	3	8	7	.3
26	55.06	53.60	22	29.6	100	70	SSW	1	NNW	2	8	7	.3
27	55.20	53.31	22.5	30.6	95	62	SSE	2	N	2	9	8	------
28	55.11	54.05	23.5	29.9	96	69	ESE	1	NNW	2	10	9	6.6
29	54.94	54.54	24.4	25.2	97	95	N	1	N	2	10	10	45.2
30	56.41	55.54	23.9	27	97	81	NNW	1	NW	3	10	10	9.1
31	------	------	------	------	------	------	------		------		------	------	------
Mean	57.45	55.70	23.1	29.4	97.7	75.6	1.2		2.2		7.5	7.7	------
Total	------	------	------	------	------	------	------		------		------	------	269.9

DECEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.		Wind, direction and force (0–12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*					*0–10.*	*0–10.*	*mm.*
1	56.32	54.48	21.7	26.6	98	87	E	1	NNW	3	7	10	13.5
2	56.01	54.93	23.2	30.3	99	75	S	1	WNW	2	9	8	------
3	57.20	56.64	24	25.5	99	92	SE	2	ESE	1	7	8	27.2
4	58.24	56.04	23	30	97	69	S	1	NNW	2	2	5	2.5
5	56.86	55.22	23.5	28.6	96	81	E	1	NW	2	10	9	5.6
6	56.21	55.36	23.5	29	99	71	ESE	1	NNW	2	10	9	------
7	56.47	54.81	23	31.4	97	64	Calm		NNW	3	10	3	------
8	56.66	55.72	22.6	25.5	99	88	SE	2	S	2	2	9	8.1
9	57.05	55.97	23.1	25.5	96	92	SE	2	S	5	3	10	37.3
10	57.71	55.68	23	26.7	97	91	ENE	1	Calm		7	8	2.5
11	57.16	55.16	22.5	30.5	100	71	SSE	1	NNW	2	10	7	------
12	56.60	55.19	23.5	28.5	96	83	Calm		N	2	9	10	10.4
13	56.94	54.76	23	28.5	97	78	ENE	1	N	2	10	8	38.6
14	56.46	54.77	23.2	27	98	88	S	2	SSW	1	10	10	.8
15	55.91	54.85	23	26.5	97	92	SE	1	S	2	9	10	2
16	56.66	54.44	23	29.6	99	72	E	1	SE	1	9	10	3.6
17	55.97	54.43	23.6	26	99	91	SE	1	S	2	10	10	9.7
18	56.37	54.23	23.8	30.6	97	71	S	2	S	3	9	9	3.3
19	57.26	55.01	23.1	30.8	97	71	S	4	S	2	6	7	.8
20	57.29	55.69	22.6	25.1	100	92	SE	1	S	1	10	9	15.8
21	57.57	55.68	23	28.6	99	78	Calm		WNW	1	10	10	.6
22	57.80	54.83	23	29.5	97	70	SE	2	ENE	1	10	10	.5
23	57.17	55.46	22.1	29.3	99	64	S	1	WNW	2	8	7	------
24	57.05	55.96	21.2	26	98	92	Calm		Variable	1	5	10	11.7
25	57.07	56.49	22.6	24.5	99	97	Calm		NW	1	10	10	11.7
26	56.57	55.62	22.8	22.9	98	97	Calm		E	1	10	10	65.8
27	56.11	55.26	22	24.1	96	95	SE	3	S	2	10	10	5.1
28	56.93	55.43	22.6	27	99	88	S	3	S	3	9	9	4.9
29	57.32	55.40	22.6	24.4	98	92	SE	2	S	5	8	9	10.2
30	57.56	55.32	23	27.6	96	84	SSE	4	S	3	10	10	.8
31	58.25	56.19	23.5	28.5	99	80	ESE	1	SSE	1	10	10	2.8
Mean	56.93	55.32	22.9	27.6	97.9	82.5	1.4		2		8.4	8.8	------
Total	------	------	------	------	------	------	------		------		------	------	295.8

DUMAGUETE.

[ϕ=9° 18′ N; λ=123° 19′ E; barometer above sea, 7.7 meters; gravity correction not applied, —1.87 mm.]

JANUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	56.32	55.62	25.7	25.6	86	87	NW 2	NW 2	10	10	19.1
2	54.92	54.74	23.7	26	87	84	WSW 1	Calm	10	10	8.4
3	56.69	56.25	23.2	29.4	94	71	W 1	S 3	7	4	------
4	59.39	58.71	23.2	28.1	88	82	W 1	NNE 2	4	4	------
5	59.64	59.05	25.5	28.9	88	73	NW 1	NE 2	8	6	.8
6	59.42	58.74	24.7	29	87	74	NWbyW 1	NEbyN 2	4	5	------
7	59.48	58.85	24.9	28.2	88	80	NW 1	NNE 2	7	8	1.5
8	59.85	59.29	25.2	29	86	73	W 1	NE 2	6	7	------
9	60.57	59.61	25	27.5	86	76	NW 2	NNE 2	7	10	6.2
10	61.02	59.61	27	28.5	78	78	N 4	NNW 3	9	9	.9
11	60.67	59.20	25.5	28.8	92	78	NNW 1	N 3	10	7	13.7
12	58.76	59.29	25.9	24.6	85	95	NW 2	ENE 3	10	10	29
13	58.41	57.47	24.9	28	84	75	NW 2	N 3	8	10	------
14	56.29	55.29	25	25	89	93	NW 3	N 1	10	10	19.8
15	54.11	53.48	(a)	(a)	(a)	(a)	WSW 1	WSW 1	9	10	13.5
16	54.35	54.54	-----	-----	-----	-----	NW 2	NW 2	9	10	3.3
17	57.08	56.49	-----	-----	-----	-----	NNW 4	N 4	10	10	------
18	58.27	58.38	-----	-----	-----	-----	NW 5	NNW 4	10	10	------
19	58.94	58.56	-----	26.4	-----	73	NNW 4	NNW 2	10	10	------
20	59.09	58.04	24	27.4	81	74	NW 2	N 3	7	10	8.4
21	58.04	57.31	24.5	24.5	77	85	NW 2	N 2	10	10	1.3
22	56.56	55.51	24.2	27.4	90	76	N 3	N 2	10	10	------
23	56.12	55.34	25.4	25.8	80	87	N 2	NW 2	10	10	4.5
24	56.24	55.77	25	27.6	87	74	NWbyN 2	N 2	10	10	2.5
25	57.74	56.86	25	27.5	87	73	NNW 2	NNW 3	10	10	3.3
26	57.24	56.15	25.8	27.5	84	81	N 2	NNE 4	10	8	------
27	56.87	56.12	26	27.2	85	84	NNE 4	N 3	9	10	9.9
28	57.04	56.46	25.7	26.7	87	83	NW 2	N 1	10	8	14.2
29	56.82	56.08	25	26.5	92	85	W 1	N 1	9	9	15.7
30	57.43	56.32	25	27.1	92	81	N 1	N 1	10	7	3.8
31	56.85	56.12	24.1	28.6	96	78	WNW 1	E 1	8	7	------
Mean	57.75	57.07	25	27.3	86.8	79.7	2	2.2	8.7	8.7	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	179.8

[a] The thermometer shelter was in repair.

FEBRUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	56.48	56.11	24	28.3	93	80	W 1	NNE 2	6	4	------
2	56.79	56.51	25.7	27.8	88	83	WNW 2	WNW 1	10	8	3
3	57.25	57.07	24	29	87	76	W 1	ESE 1	9	7	------
4	57.55	57.96	22.8	29	89	73	WNW 1	SSE 2	3	8	------
5	57.84	57.84	21.9	29	88	78	WbyN 1	N 2	1	7	------
6	58.82	57.52	23.8	28.9	90	76	WNW 1	E 1	4	4	------
7	57.12	56.65	23.9	29	88	76	WNW 1	ENE 1	3	5	------
8	57.34	56.98	22.5	28.2	89	74	W 1	E 1	2	6	------
9	58.90	58.77	21	27.8	70	77	WNW 1	E 1	3	3	------
10	59.99	59.02	21	28.7	80	63	W 1	NNE 2	6	7	------
11	59.39	59.28	22.3	28.3	88	71	W 1	NNE 2	3	9	.8
12	59.38	59.06	26	26.8	80	78	NEbyE 4	NNE 3	10	10	4.1
13	59.59	58.98	23.7	27	95	79	NNW 2	N 2	10	10	9.4
14	60.30	58.87	24.5	28.5	83	65	W 1	N 1	10	9	------
15	59.34	58.61	23.9	28.5	88	74	WNW 1	NNE 2	5	4	------
16	59.18	58.32	23.5	28.1	82	68	W 1	NNE 2	4	8	------
17	58.99	57.88	24.4	27	93	78	NW 1	N 1	5	10	------
18	57.57	56	25.4	27.4	92	80	NNE 1	NbyW 1	10	10	4.8
19	56.24	55.68	24.9	27.2	88	82	W 1	NbyE 2	10	10	1.2
20	56.27	55.97	26.2	27.8	90	81	NEbyN 4	NNE 2	10	7	105.9
21	56.29	56.39	25.5	27	91	86	N 2	E 2	10	10	13.2
22	57.29	56.90	25	27.5	88	81	W 1	SE 3	10	9	11.4
23	58.02	57.72	23	27.2	96	82	NW 1	NE 2	8	7	------
24	57.89	57.55	22.5	27.5	83	69	W 1	NE 1	8	7	------
25	58.51	57.16	22.5	28.2	88	70	W 1	N 2	8	8	------
26	57.64	57.41	24.5	29	88	58	NW 1	NNE 2	9	7	------
27	57.39	57.15	23.6	28.5	88	64	NW 1	NNE 2	10	9	------
28	57.23	56.14	24.8	30.2	82	59	N 2	NNW 2	10	7	11.4
29	57.47	57.17	26	28.6	84	78	NW 1	N 1	10	10	96
Mean	58	57.47	23.9	28.1	87.2	74.4	1.3	1.7	7.1	7.6	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	261.2

MARCH.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	58.79	57.43	23.5	25	96	88	NW 2	NW 3	10	10	25
2	57.94	57.29	24.6	26.4	79	81	NW 2	NNE 2	8	10	------
3	58.74	59.11	24.8	26.5	81	79	NNE 2	NNE 3	10	10	------
4	60.21	58.95	25.4	28.5	80	70	NNE 2	NE 2	9	7	------
5	59.30	58.62	23.7	28.7	91	71	W 1	N 3	3	2	------
6	58.14	56.93	25	28.3	88	74	NW 1	NE 2	7	3	------
7	57.77	56.63	23.5	27.7	91	82	W 1	N 2	7	3	------
8	58.54	57.71	24	27.8	91	79	W 1	NNE 2	3	4	------
9	59.10	58.31	23.3	28	89	75	Calm	ENE 2	6	4	2.3
10	58.34	56.99	25	27	92	82	NW 1	N 2	4	10	2
11	58.14	57.56	23.9	28.3	94	77	Calm	N 1	4	6	------
12	58.78	57.77	25.7	28.5	88	78	NNW 2	NNE 2	7	7	------
13	59.02	58.56	27	28.3	80	75	NNE 3	NE 3	8	7	------
14	58.57	57.47	24.6	28.1	80	73	N 1	NNE 3	4	8	8.8
15	57.67	56.71	25.5	26.7	81	79	NNW 2	NE 4	10	9	------
16	58.07	57.34	25	27.4	83	76	NW 2	NNE 3	10	10	------
17	58.94	58.07	26	27.7	84	78	NE 3	NNE 3	8	7	------
18	59.18	58.05	25.2	28	81	70	NW 1	NNE 3	4	5	------
19	58.77	58.11	25.4	28	82	71	NNE 3	N 3	9	7	------
20	58.42	57.88	26.4	28	82	79	NNE 4	NEbyE 2	10	4	------
21	58.85	58.47	24.1	28.8	85	69	NW 1	NNE 2	5	9	------
22	59.37	59.03	26.9	27.9	81	81	NNE 3	NE 2	5	4	------
23	59.90	59.35	27	27.9	77	81	NNE 3	NE 2	9	4	------
24	60.72	60.30	26.7	26.8	77	78	N 2	N 2	8	10	------
25	60.57	59.32	26	24.7	87	95	NW 1	NNE 5	8	8	27.2
26	60.84	59.21	24.8	27	83	81	NNE 5	NE 3	9	7	1.5
27	59.97	59.42	25.8	28.3	89	75	NE 2	NE 2	10	5	------
28	59.67	58.62	26.7	28.6	82	72	NNE 2	NEbyN 2	4	4	------
29	58.92	57.58	24.8	27.7	87	78	NW 1	N 2	3	7	.5
30	58.61	57.43	25	28.5	88	80	NW 2	NE 2	9	7	------
31	57.78	56.95	24.5	28.8	86	76	NW 1	NNE 1	7	7	------
Mean	58.96	58.10	25.2	27.7	85	77.5	1.8	2.4	7	6.6	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	67.3

APRIL.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	57.06	56.49	24.1	28.2	94	72	WNW 1	NE 2	8	8	------
2	57.84	57.55	22.3	27.7	86	75	W 1	N 2	8	5	------
3	59.72	58.85	23.4	29	88	74	Calm	NNE 2	4	3	------
4	60.02	59.21	24.6	29.6	88	67	W 1	NNW 3	4	4	------
5	60.23	59.34	25	27.7	88	76	WNW 2	N 2	4	4	3
6	60.52	60.29	26.7	28	82	78	NNE 3	NE 2	8	6	------
7	60.87	60.27	25.5	28	88	76	W 1	NNE 2	6	9	.6
8	61.47	59.37	25.3	28.2	82	76	NW 2	N 1	9	4	------
9	60.20	59.13	26	28.3	80	76	Calm	NE 2	5	3	------
10	59.58	59.13	23.7	27.7	85	77	NW 1	NNE 2	5	7	------
11	59.14	58.05	26.8	28	78	70	NE 4	NE 2	9	8	------
12	59.29	58.60	25.5	28	85	85	W 1	NNE 3	6	7	------
13	59.60	58.52	26.5	28.7	80	72	N 2	NE 2	8	10	------
14	59.49	58.61	24.8	29.1	87	77	W 1	N 1	4	3	------
15	58.28	57.30	23.9	29	81	71	W 1	NNE 1	4	6	------
16	57.74	56.40	25	29.2	91	72	W 1	NW 2	9	9	------
17	56.02	54.88	24.9	30.4	85	74	W 1	S 2	8	10	------
18	56.03	54.80	24.5	30	87	75	SW 1	S 2	9	9	------
19	56.37	55.21	24.2	29.4	90	79	W 1	S 2	4	8	.8
20	56.79	55.85	23.8	29.1	90	75	W 1	N 1	5	9	1.5
21	57.24	55.29	23.5	30.3	80	68	WNW 1	SW 2	4	7	------
22	57.13	55.85	24.6	29.8	85	71	W 1	SSE 2	4	5	------
23	56.41	55.77	24.5	29.2	87	72	W 1	SSE 1	7	4	------
24	56.77	55.69	24.4	28.8	80	76	WSW 1	ENE 2	3	2	------
25	57.04	56.19	24.7	28.8	84	77	WNW 1	ENE 2	4	4	------
26	57.92	57.06	25	29.2	83	76	WNW 1	NE 2	6	9	1.3
27	57.76	57.69	25.1	30.4	91	70	WNW 1	NNE 2	7	9	------
28	57.87	56.95	25	28.2	88	77	NW 1	NE 2	7	8	2.5
29	58.43	57.57	24.5	25.6	92	85	WNW 1	NNW 1	10	10	37.1
30	58.13	57.95	24.8	29.8	93	66	Calm	N 1	7	7	------
Mean	58.37	57.46	24.8	28.8	85.9	74.5	1.2	1.8	6.2	6.6	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	46.8

DUMAGUETE.

[ϕ=9° 18′ N; λ=123° 19′ E; barometer above sea, 7.7 meters; gravity correction not applied, —1.87 mm.]

MAY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	57.99	56.56	24	29.7	93	77	NW 1	ENE 2	4	8	0.5
2	57.53	56.60	25.4	25.2	89	93	NNW 2	NW 1	10	10	20.8
3	56.14	54.89	23.4	28.7	94	80	WbyN 1	S 2	10	9	4.1
4	56.19	55.70	24.3	29.6	94	71	Calm	Calm	9	10	8
5	56.92	56.07	24.6	27.8	97	80	Calm	SW 1	10	10	24.4
6	57.89	55.80	23.6	28.3	91	79	W 1	N 2	9	8	------
7	57.12	56.87	25	29	92	68	Calm	E 2	8	4	------
8	58.46	57.62	24.5	27	90	83	W 1	SSE 2	8	7	1.8
9	58.93	58.32	25	28	79	73	WSW 1	S 2	9	7	3.3
10	59.13	57.86	24.5	27.8	87	73	Calm	NNE 2	8	4	------
11	58.67	57.35	24.2	29	86	76	NW 1	ENE 1	10	4	2.5
12	58.86	57.80	25	28	92	76	W 1	SW 2	8	10	------
13	58.33	56.69	23.8	29.6	90	78	W 1	S 2	7	4	------
14	58.17	55.92	23.8	29.1	89	74	WbyN 1	E 1	8	4	3.6
15	56.89	55.95	24.4	29.1	96	74	Calm	NNE 1	10	4	------
16	58.23	57.72	27.6	29.6	84	73	NEbyN 3	ENE 1	8	8	------
17	58.95	58.31	26.8	28.7	81	74	NW 2	ENE 2	6	7	------
18	58.58	56.76	27	29.2	84	70	ENE 2	N 2	9	8	8.3
19	57.89	57.12	24.4	27.7	95	81	WNW 1	E 2	9	9	------
20	57.62	57.05	24.4	28.7	90	80	WNW 1	NE 2	4	4	------
21	57.86	56.84	25.7	29.5	87	71	NE 2	NNE 1	8	6	------
22	57.49	56.52	25	28.6	88	78	W 1	NE 2	7	6	4.8
23	57.09	56.45	25.6	29.6	90	72	W 1	NE 2	6	6	------
24	57	56.32	27.6	29.2	81	71	NWbyN 1	NE 1	9	9	1.5
25	56.87	56.28	25.7	30.6	93	68	NW 1	N 3	8	6	.3
26	55.81	55.29	25.1	27.3	91	83	Calm	NE 3	10	10	20.7
27	56.79	55.56	24.5	28.2	95	82	Calm	ENE 2	10	7	14.2
28	56.59	55.93	24.5	28.2	96	79	WSW 1	Calm	9	10	------
29	56.56	56.01	23.5	29.4	91	76	W 1	ENE	5	7	------
30	57.58	57.26	24.2	27.8	87	82	WSW 1	N 2	7	10	------
31	57.65	57.31	23.2	29.8	90	71	WNW 1	S 1	7	7	------
Mean	57.61	56.67	24.8	28.6	89.7	76.3		1	1.6	8.1	7.2
Total											118.8

JUNE.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	57.52	56.88	23.2	29.8	88	74	WNW 1	S 2	4	4	4.1
2	57.30	55.96	23.7	28.9	87	77	WbyN 1	ESE 2	4	9	------
3	57.25	56.11	23.6	29.5	85	74	WSW 1	SSE 2	4	9	------
4	56.99	56.12	24.7	29.8	87	75	SW 1	S 2	8	8	10.7
5	57.49	55.72	24.2	28.1	96	77	W 1	S 1	10	9	1
6	56.58	55.20	23.8	28.7	90	76	W 1	SSE 1	9	8	------
7	56.33	55.30	25	29.2	92	77	W 1	E 1	8	7	4.4
8	55.50	54.62	24	29.8	93	69	WNW 1	SEbyS 2	7	8	9.9
9	55.94	54.90	24	28.4	93	77	S 1	S 2	10	9	------
10	56.16	54.77	23.4	30	84	72	W 1	SbyE 2	6	8	------
11	56.36	54.26	24.6	30.3	92	74	W 1	S 3	9	9	------
12	55.84	54.06	26.1	30.5	85	65	S 1	SSW 2	10	10	------
13	54.62	53.74	25.4	31.9	87	55	SW 1	SW 5	10	7	------
14	55.84	55.20	23.7	31.2	91	67	Calm	SSW 3	10	9	------
15	56.37	55.55	24.4	30.7	83	74	Calm	SSW 3	3	9	------
16	55.79	54.70	23.2	31	88	72	WbyS 1	S • 3	4	4	------
17	56.03	54.42	24.7	31	86	64	Calm	NNW 2	9	9	9.4
18	56.99	56.53	24.2	27.5	94	84	Calm	S 2	10	10	23.1
19	57.28	57.13	23.4	28.5	97	75	NW 1	S 3	10	10	3
20	57.82	56.95	23.2	29	96	74	Calm	S 3	10	9	------
21	57.64	56.28	24.	27.7	93	83	WNW 1	S 2	7	10	10.8
22	58.09	56.97	24	30.2	96	69	W 1	N 2	10	9	21.1
23	58.51	58.13	23.7	28.5	96	77	Calm	NNE 2	10	9	------
24	58.95	58.19	23.5	29.4	88	72	WNW 1	NEbyN 1	4	4	5.3
25	59.56	58.69	25	29.5	96	74	Calm	NE 1	9	4	------
26	59.26	58.31	24.5	30.6	92	72	W 1	SSE 2	6	5	------
27	59.14	58.05	24	30.4	88	69	SW 1	SSE 2	9	7	2.4
28	59.27	58.27	23	28.6	96	78	W 1	S 2	9	10	18.5
29	58.99	58.20	23	28.5	96	73	W 1	S 2	10	7	12.4
30	58.90	57.87	23	28.5	95	74	NW 1	SEbyE 2	10	7	4.8
Mean	57.28	56.24	24	29.5	91	72.9	0.8	2.1	8	7.9	
Total											140.9

JULY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	57.84	56.96	23	29.6	91	71	W 1	S 2	4	7	------
2	57.28	57.34	24	24.8	85	92	WSW 1	NE 1	10	10	12.4
3	57.24	57.30	22.6	23.7?	92	99?	WNW 1	NNE 2	7	10	7.1
4	57.96	57.53	24.2	27	91	77	S 2	NbyW 2	7	7	7.1
5	58.90	58.35	23.5	29.4	91	73	NW 1	ESE 1	8	8	------
6	58.93	58.55	23.9	29.2	90	76	WbyS 1	ESE 1	5	6	------
7	58.77	58.46	23.8	29.5	90	72	WNW 1	NE 1	5	3	12.4
8	58.33	57.44	24.5	29	96	75	NW 1	NNE 1	9	6	------
9	58.12	57.34	25	29.3	87	74	W 1	NNE 2	7	3	------
10	58.57	57.66	28.5	29.9	77	70	NE 3	ENE 1	8	6	------
11	58.57	57.82	25	28.8	91	72	WSW 1	NE 1	7	9	------
12	58.49	57.77	24.2	29	87	72	WbyN 1	NNE 2	4	4	4.1
13	58.40	57.89	28	29.5	81	71	NE 3	NEbyN 2	9	4	25.5
14	58.65	58.14	23.2	29	95	71	NW 1	SE 1	10	8	------
15	57.98	56.97	24.5	28.8	87	79	WbyS 1	NNE 2	6	9	2.7
16	56.91	56.21	25.5	27.2	89	88	WNW 1	N 1	10	10	6.9
17	56.60	56.25	24	27.6	91	81	W 1	NNE 2	10	8	------
18	57.31	56.76	23.9	26.6	88	90	W 1	SE 1	10	10	10.2
19	57.34	56.66	23.5	29.2	90	73	WNW 1	ENE 2	7	7	------
20	57.27	56.07	24.2	29.8	92	73	Calm	SSE 2	5	7	------
21	57.49	56.49	23.7	30.2	85	75	WNW 1	SbyW 3	5	7	------
22	56.64	56.14	23.7	30.2	82	74	WbyS 1	S 3	2	5	------
23	56.19	55.34	23.5	30.7	85	67	W 1	S 1	4	6	------
24	56.49	55.49	23.6	31.2	86	74	W 1	SSE 1	4	7	------
25	57.58	56.64	24	30.2	88	74	NW 1	S 3	7	9	------
26	57.14	56.32	23.9	30.2	88	74	WbyN 1	SSE 2	7	9	------
27	56.69	56.47	23.8	30.5	87	72	Calm	SSE 3	5	4	------
28	56.71	56.14	23	31.3	89	68	W 1	S 2	4	7	------
29	56.98	56	24	30.8	91	71	Calm	S 2	7	5	------
30	56.96	56.27	24.5	30.1	87	74	WSW 1	S 3	9	6	------
31	57.16	56.34	24.7	28.5	86	75	Calm	S 1	10	8	------
Mean	57.60	56.94	24.2	29.1	88.2	75.7		1	1.7	6.8	6.9
Total											88.4

AUGUST.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	57.98	57.45	24.8	30.5	92	68	Calm	SE 2	8	5	------
2	58.41	57.59	23.7	28.6	87	86	WbyN 1	Calm	3	8	9.1
3	59.17	57.72	24	29.6	92	72	WSW 1	SSE 2	8	4	5.1
4	59.72	58.20	23.7	30.5	94	72	Calm	SSW 3	4	7	14.7
5	59.49	58.39	23.5	29.6	97	75	WNW 1	E 2	7	8	------
6	58.92	58.04	23.7	30.1	86	68	Calm	S 2	8	10	------
7	58.88	58.03	23.1	30.6	84	63	W 1	SbyW 3	4	3	------
8	59.53	57.86	24.1	30.5	86	65	WbyN 1	S 3	7	9	------
9	58.58	56.54	24.6	31	88	62	WSW 1	NE 1	7	8	------
10	57.43	55.36	24	33	89	50	SW 2	SW 3	8	7	------
11	56.41	54.93	24	32	89	60	WSW 1	swbys 4	5	8	------
12	56.62	55.74	24.4	30.5	88	62	Calm	NE 2	9	8	------
13	56.41	55.79	23.9	32.1	86	57	W 1	SSW 3	7	7	------
14	58.36	57.65	23.4	30.2	88	75	WSW 1	SSE 3	7	5	------
15	59.13	58.89	24.5	29.8	87	74	W 1	SSE 2	5	3	6.4
16	59.80	58.02	23.5	29.2	96	71	WNW 1	SE 2	5	9	------
17	58.97	57.45	23.9	29.3	84	68	NW 1	NE 1	10	9	------
18	58.98	57.43	22.9	30.6	85	67	WbyS 1	E 1	2	3	------
19	59.07	58.17	23.5	29.8	84	71	W 1	NNE 1	7	7	------
20	58.78	56.78	24	30.7	81	65	Calm	SSE 2	7	5	26.7
21	59.32	58.22	23.5	27.8	96	77	Calm	E 1	7	10	1.2
22	60.11	58.32	23.4	29.4	88	72	W 1	NE 1	8	4	------
23	58.77	57.71	24.5	29	87	73	W 1	ENE 2	8	5	26.9
24	57.67	57.04	24	29	93	76	W 1	E 2	8	4	2.5
25	57.84	56.95	24.1	28.6	93	77	WSW 1	NE 2	8	7	51
26	58.48	57.92	24.2	26.7	94	86	SE 1	N 2	10	10	6.6
27	57.38	56.86	24.5	29	92	76	NW 1	N 2	7	4	------
28	57.12	56.02	25.6	29.8	88	71	WNW 1	S 3	8	5	6.4
29	57.32	57	23.5	30.7	93	69	WSW 1	SSW 3	5	6	------
30	58.05	57.76	23.6	29	81	78	W 1	NE 2	6	3	------
31	58.78	57.75	25	28.6	88	76	NW 2	NNE 3	7	9	6.1
Mean	58.43	57.34	24	29.9	88.9	70.4	0.9	2.1	6.8	6.4	
Total											162.7

DUMAGUETE.

[ϕ=9° 18′ N; λ=123° 19′ E; barometer above sea, 7.7 meters; gravity correction not applied, —1.87 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	58.59	57.41	24.7	28.2	92	79	WSW 1	S 1	10	9	9.9
2	58.12	56.55	23.2	29.2	94	70	WSW 1	SSE 2	9	10	------
3	56.69	55.33	23.2	33.2	90	52	W 1	S 2	7	7	------
4	56.31	55.51	22.8	30.5	79	65	W 1	S 2	6	9	------
5	56.99	56.75	23.8	29	90	78	W 1	NEbyE 3	6	9	------
6	57.82	56.67	25	29	89	75	NW 1	NE 2	8	6	------
7	57.38	55.94	24.3	29.3	87	74	WSW 1	ENE 2	8	6	28.2
8	57.76	56.97	24.3	28	96	79	NW 1	NNE 2	10	10	6.9
9	57.16	56.57	24	29	93	76	W 1	ENE 2	5	6	3
10	57.04	56.35	23.8	28	93	75	N 1	S 3	10	10	4.1
11	58.52	57.47	23.7	28.2	90	79	Calm	ENE 2	10	10	19.3
12	59.45	58.36	23.2	28.1	94	79	NW 1	NE 3	10	10	12.8
13	58.67	56.78	23.3	28	97	74	Calm	S 2	10	7	1.5
14	56.49	55.37	23.2	30	90	69	W 1	SSE 2	8	9	2
15	56.69	56.80	23.4	29.4	90	72	NW 1	NE 2	7	9	------
16	57.73	56.60	23.6	29.2	89	76	Calm	NNE 1	7	9	------
17	57.47	56.22	24.5	29.8	88	72	NW 1	SbyE 1	8	9	------
18	56.84	55.50	24	30.5	85	72	W 1	S 2	4	6	------
19	56.68	55.34	24	31.4	91	68	WbyS 1	ENE 2	7	3	------
20	57.44	56.99	24.2	31	91	73	WbyS 1	S 2	5	4	------
21	56.59	54.81	24	29.4	91	76	Calm	N 1	9	10	------
22	56.04	54.66	25.1	29	89	72	NW 1	E 2	10	10	------
23	55.23	54.85	27	27	73	82	ESE 3	S 1	10	10	12.9
24	54.99	54.35	25.4	29.1	88	73	E 2	SSW 4	10	10	14.2
25	56.45	54.95	24.7	28.5	87	75	WSW 2	SW 4	10	10	4.6
26	56.15	55.32	23.7	31.4	90	65	S 1	SSW 2	8	9	------
27	57.25	56.37	24	26.4	85	81	W 1	NNW 2	7	10	3.3
28	57.23	56.31	23	28	91	79	W 1	ESE 2	6	10	15.8
29	56.52	56.26	25.4	28.7	82	75	N 3	S 2	10	8	6.4
30	57.64	57.05	23.6	28.8	82	73	WSW 1	NE 2	6	3	9.7
31	------	------	------	------	------	------	------	------	------	------	------
Mean	57.13	56.11	24.1	29.2	88.9	73.6	1.1	2.1	8	8.3	------
Total	------	------	------	------	------	------	------	------	------	------	154.6

OCTOBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	58.27	56.51	24.3	29	93	73	W 1	NE 2	7	4	23.9
2	58.13	57.02	24.2	29	95	75	WNW 1	S 2	7	9	15.2
3	58.50	57.87	24	28.5	93	76	WbyS 1	NE 1	10	10	4.8
4	58.83	58.01	23	29.8	94	67	W 1	SSW 2	7	5	------
5	59.05	57.75	23.7	30.4	85	72	WNW 1	SSE 2	7	7	------
6	58.12	56.34	23.7	30.2	89	73	WbyS 1	S 2	5	7	1.7
7	57.40	56.02	23.3	30	86	69	WNW 1	SSE 2	4	7	3.3
8	57.28	56.81	23	30.3	80	68	W 1	SSE 2	4	5	6.9
9	58.34	57.67	22.8	29.7	84	67	SW 1	SSE 2	4	4	------
10	59.55	57.74	24	29	87	76	NW 1	NE 2	6	8	------
11	58.06	56.59	28?	28.8	77?	75	NNE 3	NEbyE 3	4	6	------
12	57.28	56.24	28	30.5	79	68	NNE 4	NE 1	8	6	8.1
13	57.61	56.49	24.8	29.5	93	71	Calm	E 1	10	7	22.4
14	57.32	56.35	23.4	28	93	78	NW 1	ENE 1	4	7	2.8
15	56.69	55.10	25	29	93	73	WNW 1	NE 2	10	7	15.5
16	56.79	55.82	24.4	26.5	91	88	SW 1	WSW 2	8	10	1
17	57.13	56.02	24.2	27.8	90	79	W 1	NNE 3	9	10	49.3
18	57.73	56.25	24.5	28.7	96	75	WSW 1	NNE 3	10	8	7.9
19	56.67	55.22	26.7	29.2	83	73	N 2	NNE 2	5	4	.8
20	56.33	55.86	25.3	30	93	68	W 1	NE 2	7	5	1.5
21	56.76	56.41	28	28.5	77	75	NEbyN 4	NNE 3	7	5	54.9
22	57.82	56.32	23.6	29.5	95	68	W 1	S 2	9	5	------
23	57.20	55.89	24.5	29.7	83	71	W 1	E 2	7	5	72.4
24	58.77	57.34	23.8	26.5	97	85	Calm	ENE 1	10	9	18.4
25	58.80	58.02	23.4	27.5	91	84	WSW 1	S 1	7	9	3.3
26	59.75	58.17	23.5	29	96	74	NW 1	N 2	8	8	17.3
27	58.75	57.10	23.3	28	94	81	W 1	N 3	10	10	------
28	57.06	56.07	25.7	27	83	84	WSW 1	NNE 3	9	8	3.8
29	57.13	56.92	24.3	29.3	89	74	WSW 2	NNE 2	7	5	5.1
30	58.26	56.84	24.4	29.5	92	68	W 1	N 2	3	9	------
31	57.34	55.65	22.7	28.4	89	75	WNW 1	SSE 2	3	8	------
Mean	57.83	56.66	24.4	28.9	89	74.3	1.3	2	7	7	------
Total	------	------	------	------	------	------	------	------	------	------	340.3

NOVEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	55.98	55.20	22.9	27.9	88	78	W 1	SEbyS 2	5	8	3.5
2	56.15	55.34	22.3	29.3	93	72	WbyS 1	NE 1	8	5	3.6
3	57.30	56.30	23.2	29.8	93	73	WNW 1	NE 1	6	5	3.8
4	57.24	55.35	24.8	28.8	91	78	NW 2	NE 2	6	9	2
5	56.89	55.24	22.8	29.6	76	67	W 1	E 1	4	3	------
6	56.73	55.62	23.8	29.6	86	66	W 1	ENE 1	6	4	------
7	56.82	56.12	23.8	28	86	83	NW 1	SE 2	5	10	------
8	57.57	56.72	23.4	27.9	88	78	W 1	SE 1	10	10	------
9	58.72	57.10	24	28.6	95	72	NW 1	SE 1	10	8	------
10	58.44	56.27	24.8	29.5	87	74	WNW 1	NE 2	9	6	19
11	57.04	56.54	25	27.2	92	81	NbyW 1	N 3	10	10	3.8
12	57.83	57.13	24.3	28	89	70	NW 2	NE 6	10	10	------
13	58.09	57.61	25	27.6	88	82	NW 1	NE 3	7	10	4.6
14	57.37	56.28	26	26.7	78	86	NNW 3	NE 4	7	10	5.1
15	56.82	55.34	25	28.3	88	79	WNW 2	SSW 1	10	10	22.6
16	56.50	55.20	23	29.2	96	71	NW 1	SSW 2	10	7	.8
17	56.80	55.55	23	29.4	91	75	W 1	SSW 4	7	7	------
18	58.19	57.39	23	28.9	91	74	WSW 2	SW 2	4	7	------
19	58.25	56.90	23	29	87	74	W 1	ENE 2	4	4	1.3
20	58.13	56.42	24.5	29.2	94	72	WNW 1	ENE 2	9	6	80.3
21	58.60	57.35	23.4	28	97	77	W 1	E 1	10	9	------
22	58.28	57.50	24	27.3	91	76	WbyN 1	NE 2	10	10	------
23	58.61	57.06	23	28.5	84	67	WbyN 1	NE 2	4	4	------
24	57.78	56.07	24	29	86	69	W 1	NNE 2	4	4	2
25	56.62	55.27	24	27.8	91	75	WNW 1	NE 2	5	5	------
26	55.23	53.66	22.4	29.5	84	68	W 2	S 3	3	3	------
27	55.14	54	22.4	29	90	73	WbyN 1	SW 1	4	9	------
28	55.40	54.37	23.5	29.8	91	75	WSW 1	S 2	5	9	------
29	55.63	55.14	24.6	26.1	95	83	WNW 1	Calm	10	10	5.1
30	56.95	55.65	25	28.7	88	65	W 2	NNE 3	10	4	------
31	------	------	------	------	------	------	------	------	------	------	------
Mean	57.17	55.99	23.8	28.5	89.1	74.4	1.3	2	7.1	7.2	------
Total	------	------	------	------	------	------	------	------	------	------	157.5

DECEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	56.82	54.81	25	27.4	73	70	NW 3	NE 3	4	9	------
2	55.49	54.72	24.6	29.4	87	74	WbyN 1	S 3	10	6	8.9
3	56.64	56.35	24	28.8	95	79	W 1	ENE 2	9	6	19.6
4	57.81	56.51	26.9	28.2	75	77	NNW 2	NE 2	8	6	------
5	56.53	55.35	25.2	29	90	76	NW 2	NNE 3	5	6	------
6	55.69	55.29	25.3	29	90	72	NNW 3	N 3	9	3	------
7	56.29	55.42	25	28.8	88	71	NNW 2	N 3	5	2	------
8	56.36	55.45	24.8	28.4	92	73	NW 1	NNE 2	8	3	.5
9	56.58	55.91	26.4	27.8	80	79	N 3	NE 4	5	5	------
10	57.17	55.97	25.7	29	85	71	NNW 2	NNE 3	8	4	------
11	57.06	55.76	25	29	83	71	NW 1	NNE 3	7	7	1
12	56.19	56.07	24.9	25	91	98	NW 1	NNE 5	6	10	14.9
13	56.71	55.53	26.9?	28.2	77?	80	N 4	NbyE 4	7	10	35.3
14	55.65	54.91	23.8	27.2	97	84	NNW 3	NNE 5	10	10	3.6
15	55.76	54.50	24.9	28.2	88	77	WbyN 2	NNE 4	8	7	83.3
16	55.80	54.75	24.1	28.1	95	79	NW 1	N 2	10	9	------
17	55.76	54.35	26.5	27.8	80	77	NWbyN 2	NNE 3	9	9	32.5
18	55.68	54.88	24.4	28.5	91	78	WNW 1	NbyE 2	10	6	------
19	56.23	55.60	25	28.3	88	75	NW 2	NE 2	10	3	2.5
20	56.54	55.48	25.5	28.4	88	75	WNW 1	NE 2	9	6	20.8
21	57.64	55.93	25.6	27.5	91	78	NNE 4	NE 3	10	9	35.6
22	57.47	55.19	23.8	27.4	93	70	NNW 1	NNW 2	10	10	3.8
23	56.60	55.57	23.9	28	86	75	NWbyW 1	NNE 3	7	4	------
24	56.93	56.16	22	28.5	86	70	W 1	NbyE 3	5	7	10.2
25	57.09	56.21	24.5	27.1	87	81	NNW 2	NNE 4	10	10	3
26	56.19	55.02	24.7	24.5	86	87	NWbyW 2	NNW 3	10	10	20.8
27	56.05	54.54	25	27.7	72	78	N 4	NNE 4	10	10	------
28	56.04	54.98	26.9	27.8	81	81	NNE 4	NE 5	10	8	1
29	56.64	55.36	27	27.7	77	78	NE 4	NNE 3	8	7	5.1
30	56.90	55.93	24.5	27.6	92	79	W 1	NNE 3	9	7	35.1
31	57.54	56.23	24.2	27.5	94	82	WbyN 1	NEbyE 2	7	7	------
Mean	56.51	55.44	25	27.9	86.4	77.3	2	3.1	8.2	7	------
Total	------	------	------	------	------	------	------	------	------	------	337.5

YAP (WESTERN CAROLINES).

[ϕ=9° 29′ N; λ=138° 08′ E; barometer above sea, 31.85 meters; gravity correction not applied, —1.87 mm.]

JANUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	57.55	56.10	24.2	29.5	96	75	Calm	NE 2	7	8	0.5
2	57.37	55.82	25.5	29.5	88	71	NE 2	ENE 2	8	5	1.3
3	57.13	56.64	25.5	29.8	93	73	NE 2	NE 2	7	8	.3
4	59.01	58.71	25	27.8	92	82	Calm	NE 3	10	10	.5
5	58.72	56.95	26	29.2	84	72	NE 2	NNE 3	10	9	------
6	57.99	56.85	25	27.8	80	75	NNE 1	NNE 2	9	9	.6
7	58.24	56.61	24.6	27.2	87	84	NNE 2	NE 3	6	9	6.6
8	58.86	57.56	24.8	28.3	95	75	NE 2	NE 3	10	10	2
9	58.74	56.85	26.2	28.6	85	76	ENE 3	NE 4	10	7	1.3
10	58.51	57.18	25.6	25	88	97	NE 1	NE 1	9	10	35
11	57.34	55.41	26.5	29.5	88	75	NE 4	NE 4	10	9	5.9
12	54.87	55.05	26.3	24.6	90	99	NEbyE 3	NE 1	10	10	32.3
13	56.78	56.84	25.9	25.5	90	96	E 2	E 2	10	10	29.2
14	57.47	56.96	24.4	28.2	97	77	ENE 2	E 2	10	10	7.9
15	57.73	56.86	25.9	28.9	79	71	ENE 2	ENE 2	7	7	------
16	57.01	55.25	26.5	29.9	80	71	E 2	E 2	6	5	------
17	55.79	55.35	25.6	29.8	91	73	E 2	ESE 1	9	7	------
18	56.58	55.61	25	29.8	95	73	Calm	Calm	10	10	.5
19	56.12	55.74	26.4	29.9	84	72	E 1	E 1	8	10	------
20	56.25	55.38	25.5	29	84	76	Calm	E 2	9	10	------
21	56.19	55.32	25.9	29.6	87	72	NE 2	EbyN 2	10	7	------
22	55.80	56.28	25.7	28.5	86	78	NE 1	ENE 2	10	10	2.5
23	57.01	56.52	24.9	23.5	97	96	Calm	N 1	10	10	91.2
24	57.18	56.18	24.5	28.3	96	76	NE 1	ENE 2	10	10	3.6
25	58.43	56.90	24	23.8	98	99	NE 2	Calm	10	10	97.5
26	56.94	56.21	23.5	25.6	95	93	NE 1	Calm	10	10	18.3
27	57.48	55.83	23.5	27.8	99	82	Calm	NW 1	10	10	5.1
28	56.54	55.06	24.9	30.5	97	76	Calm	Calm	10	7	------
29	56.49	55.79	24.5	30.5	98	76	Calm	Calm	8	7	10.7
30	57.11	57.28	24.9	26	98	96	E 2	Calm	10	9	------
31	57.52	56.45	25.7	28.9	86	75	E 2	E 2	9	8	------
Mean	57.25	56.31	25.2	28.1	90.3	80.1	1.4	1.7	9.1	8.7	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	352.8

FEBRUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	57.11	56.33	24.6	31	91	75	Calm	E 1	8	7	------
2	57.38	56.23	25.2	29	94	85	Calm	Calm	7	9	12.2
3	57	57.14	24	29.8	99	75	Calm	Calm	10	7	.5
4	58.03	57.11	25.4	30.5	93	72	Calm	Calm	6	7	------
5	58.32	56.76	25.2	29.9	95	71	E 2	E 2	5	7	.8
6	57.63	56.51	24.9	30.2	89	70	NE 1	E 1	4	7	------
7	56.33	55.14	24.4	30	92	75	Calm	Calm	4	8	11.4
8	56.43	55.46	23.6	30.6	99	74	Calm	E 1	10	5	------
9	57.43	56.51	24.5	30.7	96	74	Calm	NE 1	10	9	------
10	57.64	56.72	25.5	30.5	92	76	NE 1	NE 2	10	9	2.3
11	57.89	57.12	25.8	24.6	91	99	NE 2	NE 2	10	10	39.6
12	58.47	57.54	24.7	28	98	79	NE 3	NE 2	10	10	------
13	58.55	57.22	24.5	27.2	96	85	NE 3	NE 3	10	10	13.7
14	58.31	56.42	25.6	29.6	89	68	NE 2	NE 3	10	10	.3
15	58.23	57.32	24.6	27.5	82	77	NE 2	NE 3	10	10	4.8
16	57.25	56.37	26.5	29.5	84	78	ENE 3	NE 3	10	9	12.4
17	57.28	56.50	25	24.4	97	98	NEbyE 3	NE 3	10	10	38.4
18	57.28	55.68	24.7	28	96	81	NEbyN 1	NE 3	9	10	4.1
19	56.32	55.38	26	27.5	89	88	NE 2	NE 3	9	9	3.3
20	56.62	55.92	25.8	27.5	91	78	NE 3	NE 3	10	10	.5
21	56.78	54.93	25.7	27.6	79	71	ENE 3	NE 3	10	10	11.7
22	56.16	54.08	24.9	25	89	96	NE 3	NEbyN 3	10	10	72.9
23	55.36	54.21	22.5	23.5	100	99	NE 3	NE 3	10	10	93
24	53.76	53.21	25.2	25.2	98	98	NE 3	NE 2	10	10	17.1
25	54.13	53.46	25.8	24.9	92	94	E 2	ESE 2	10	10	92.7
26	55.64	53.73	22.6	28.3	98	79	S 1	E 1	10	10	6.1
27	55.27	54.63	26	30	89	78	SE 2	SSE 1	10	8	4.6
28	57.42	56.99	26.1	30.4	92	70	EbyS 2	E 1	10	8	------
29	58.73	57.65	26.4	25.2	90	98	E 2	ESE 1	6	9	3.5
Mean	56.99	55.94	25	28.2	92.1	81.4	1.7	1.8	8.9	8.9	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	445.9

MARCH.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	57.06	56.68	26	25.2	93	94	E 1	SSW 1	10	10	33.5
2	57.88	56.51	24.3	30.5	97	72	Calm	Calm	10	8	2
3	58.56	57.39	25	28.8	92	78	NE 1	E 2	9	5	------
4	59.03	57.31	25.5	30.5	88	70	ENE 1	ENE 3	8	5	------
5	57.91	56.56	25	27.8	88	79	NE 2	ENE 2	3	9	------
6	56.56	55.51	26.1	29.1	86	81	NE 2	ENE 2	8	10	17.8
7	57.21	56.96	24.5	27.7	98	82	Calm	ENE 1	10	10	.3
8	58.13	57.09	25.7	30	90	71	E 2	E 2	10	10	------
9	59.16	57.49	24.6	29.7	93	76	Calm	E 2	9	9	------
10	58.26	56.02	26.1	29	85	80	NE 2	ENE 2	10	10	9.4
11	57.56	56.27	25.9	28.5	93	76	ENE 2	E 2	10	10	.5
12	57.66	57.21	25.6	28.6	87	73	ENE 2	E 2	9	10	.5
13	58.07	57.09	25.9	27.5	88	81	ENE 2	NE 3	10	10	39.9
14	57.94	56.15	24.3	24.5	98	98	ESE 1	ENE 1	10	10	12.2
15	56.69	55.73	25.5	28.6	92	78	ENE 2	ENE 2	10	9	.3
16	57.34	55.76	25.1	29	80	71	NE 2	NE 2	10	7	------
17	57.66	57.04	24.5	30.6	84	72	NE 2	NE 2	8	8	------
18	58.14	56.69	25.1	29.8	87	71	ENE 2	NE 2	7	7	4.8
19	58.11	56.80	24.5	30	92	72	NE 1	NE 2	8	8	------
20	57.43	56.47	25.5	29.5	88	71	NE 2	NE 2	5	9	------
21	58.41	57.12	25.4	30.6	84	61	ENE 2	ENE 2	10	9	------
22	58.96	57.72	24.9	30	85	65	NE 1	NE 1	5	7	5.1
23	58.76	57.69	24.8	30.2	95	74	NNE 2	NE 2	10	9	------
24	59.31	57.25	25	30.1	88	71	NNE 2	NNE 2	9	7	------
25	59.88	57.90	25.5	29	84	71	NE 2	NE 2	10	10	------
26	59.04	58.04	25.2	29.4	90	72	NE 2	NE 2	10	10	1.5
27	59.19	58.13	25.1	27.2	95	78	NNE 2	ENE 3	10	10	.5
28	58.42	57.39	26	24.6	81	99	NE 3	E 2	10	10	27.4
29	56.64	54.35	24.4	24.6	93	96	NE 1	NE 3	10	10	103.4
30	55.49	54.39	25.4	26.9	98	90	E 4	EbyS 3	10	10	41.7
31	56.14	55.05	25.8	30.6	95	74	ESE 2	SE 2	10	8	4.1
Mean	57.95	56.70	25.2	28.6	89.9	77.3	1.7	2	9	8.8	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	304.9

APRIL.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	56.66	55.89	26.5	29.8	90	76	SE 1	SE 1	7	10	------
2	57.63	58.09	26.5	30.5	88	74	E 2	E 1	10	5	------
3	59.75	58.78	25.9	30.6	94	68	Calm	Calm	10	7	1.3
4	59.98	58.12	25.5	30.4	89	66	ENE 2	ENE 2	10	4	------
5	59.61	58.25	25	30.4	92	76	Calm	NE 1	9	9	1.5
6	60.03	58.95	25	30.1	96	73	Calm	ENE 2	9	6	4.3
7	60.69	59.89	24.9	30.5	89	70	NEbyE 2	E 2	8	8	------
8	59.73	58.10	26.7	29.1	83	74	NE 2	ENE 3	7	8	------
9	59.73	58.34	25.5	29.4	82	72	NE 2	NE 3	9	9	1.8
10	59.16	57.85	24.5	30	99	62	Calm	NEbyE 2	10	4	1.8
11	58.69	57.35	25.5	29	90	71	ENE 2	ENE 2	10	6	------
12	59.11	57.22	26.5	29.5	84	65	NE 2	ENE 3	8	3	.5
13	58.13	55.97	26.5	27.8	87	74	NEbyE 2	NE 3	10	10	5.6
14	56.25	54.39	24	26	98	80	NE 2	ENE 4	10	10	21.4
15	56.05	56.26	25.6	27.5	83	81	SE 4	SE 2	10	10	2.8
16	58.07	57.76	26.5	31.2	83	73	ESE 2	EbyS 2	10	6	6.6
17	59.04	57.45	24.7	29	98	74	Calm	E 2	10	10	.3
18	57.80	56.16	26.2	29.7	90	74	NE 1	E 2	10	7	9.7
19	56.84	55.50	25.6	29.9	95	72	E 2	ESE 2	10	4	77.2
20	56.43	55.49	25	27.9	98	88	E 2	SSE 1	10	10	7.9
21	56.74	55.59	24.6	30.5	95	65	Calm	Calm	10	9	------
22	56.58	55.44	24.5	32	92	67	Calm	Calm	5	7	------
23	56.32	54.96	24.5	29.2	96	81	Calm	E 2	10	7	3.8
24	56.31	54.95	26.2	29	94	81	ENE 2	ENE 2	8	9	4.8
25	56.65	55.77	25.3	30.9	93	72	Calm	ESE 1	8	8	3
26	57.13	56.20	26.5	29.7	88	80	Calm	ENE 1	9	7	9.6
27	57.69	56.78	25.2	26.6	96	91	Calm	Calm	10	10	7.7
28	58.19	56.58	24.6	26.1	97	94	Calm	Calm	10	10	16.6
29	57.01	55.61	25	30.7	96	70	Calm	NNE 1	7	7	1
30	57.67	55.93	26.1	26.2	94	92	NE 1	Calm	10	10	5.6
Mean	57.99	56.79	25.5	29.3	91.6	75.2	1.1	1.6	9.1	7.7	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	194.8

YAP (WESTERN CAROLINES).

[ϕ=9° 29′ N; λ=138° 08′ E; barometer above sea, 31.85 meters; gravity correction not applied, —1.87 mm.]

MAY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	56.87	55.47	24.5	26.5	96	92	Calm	Calm	10	10	53.8
2	57.43	55.98	25	28	98	81	Calm	SW 1	10	10	12
3	57.34	56.41	25	25.5	93	93	Calm	Calm	10	10	46
4	57.58	56.48	23.5	26.2	94	88	Calm	WbyS 1	10	10	2.8
5	56.82	56.11	24.9	30.7	92	67	Calm	Calm	9	8	3.8
6	57.38	55.46	24.5	29.2	97	72	Calm	NE 1	5	9	17.3
7	56.89	55.71	23.5	27	97	88	NNE 1	NNE 1	10	10	2.3
8	57.58	57.06	26	30.7	94	75	Calm	NW 2	6	9	3.3
9	57.55	56.73	26.2	29.7	92	81	Calm	NW 1	9	10	14.5
10	57.14	55.84	24.9	30.6	97	72	Calm	Calm	9	7	4.6
11	56.93	56.10	25.5	29.1	96	77	SW 1	SW 2	10	8	1.3
12	57.29	56.49	25.2	28.2	94	83	Calm	SW 1	9	10	2.6
13	56.88	55.99	24.9	30.6	93	76	Calm	SW 1	9	7	1.8
14	57.13	56.59	25	31.8	96	67	Calm	Calm	5	7	------
15	58	57.58	25.4	30.2	94	70	Calm	SE 1	8	5	1.8
16	58.99	57.78	25	31.2	97	73	Calm	E 2	9	8	------
17	58.72	57.59	26.1	30.9	91	72	Calm	ESE 2	6	9	------
18	57.79	56.96	25	31	93	75	Calm	NE 2	7	8	6.9
19	57.02	56.67	25.5	29.7	96	79	NE 1	SbyE 1	9	7	9.4
20	57.50	56.94	25.5	28.5	96	83	E 1	ESE 1	7	8	11.2
21	57.72	56.39	25.2	28.5	98	85	Calm	Calm	7	8	14
22	57.57	54.66	23.8	31	98	59	Calm	NNE 2	10	9	4.8
23	56.30	55.23	25.5	26.2	97	94	Calm	Calm	10	10	41.2
24	56.10	55.87	25.4	30.5	97	78	SE 2	ESE 2	10	10	21.4
25	57.31	56.36	25.3	30.8	98	74	Calm	SE 1	10	9	------
26	57.46	55.76	24.5	31	96	69	Calm	ENE 1	2	6	------
27	56.17	55.19	24.9	31.1	92	69	Calm	Calm	7	8	------
28	55.86	55.36	26.5	29.2	88	81	Calm	Calm	10	10	12.7
29	56.96	56.32	25.8	26.2	93	96	Calm	Calm	10	10	15.3
30	57.16	56.35	25	28.4	97	85	Calm	Calm	10	10	15
31	56.91	56.23	24.9	26.4	94	93	Calm	Calm	10	10	15.3
Mean	57.24	56.25	25.1	29.2	95	78.9	0.2	0.8	8.5	8.7	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	335.1

JUNE.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	56.89	56.16	25	28.1	95	87	Calm	SW 1	8	9	17.5
2	58.11	56.49	25.1	28.5	98	82	Calm	S 1	10	9	------
3	57.78	56.93	(a)	(a)	(a)	(a)	Calm	Calm	5	10	68.3
4	56.82	56.03	-----	-----	-----	-----	Calm	Calm	10	10	32.2
5	57.48	56.05	-----	-----	-----	-----	Calm	ESE 2	8	9	1.8
6	56.68	55.41	-----	-----	-----	-----	Calm	ENE 2	10	9	4.6
7	55.82	55.51	-----	-----	-----	-----	NE 1	ENE 2	8	9	14.5
8	56.10	55.12	-----	-----	-----	-----	Calm	E 2	10	7	8.4
9	56.45	56.19	26	29.1	85	78	Calm	Calm	10	10	------
10	57.18	56.29	26	30.5	92	74	Calm	E 2	10	9	2.8
11	56.58	55.79	25.6	26	88	92	Calm	Calm	10	10	16.2
12	56.44	54.40	23.9	29	97	75	Calm	Calm	10	10	------
13	55.25	54.55	25.7	29.4	93	76	NNE 1	Calm	10	7	.8
14	55.69	55.39	25.9	29.2	88	76	Calm	Calm	9	9	.8
15	56.06	55.99	26	30.1	94	82	Calm	E 1	9	9	11.7
16	55.86	55.06	26.4	28	94	89	ENE 2	SEbyS 2	10	10	10.1
17	55.71	55.51	26.6	25.9	87	91	E 2	Calm	10	10	20.8
18	56.89	57.45	25.6	23.6	91	99	S 1	Calm	10	10	78
19	59.70	58.55	24.6	27.8	92	81	SE 1	Calm	10	10	8.4
20	58.49	57.49	23.2	29	98	78	Calm	Calm	9	10	34.5
21	58.42	57.27	24.9	29.4	97	77	Calm	Calm	10	10	.3
22	58.05	57.88	27	30.2	80	70	SE 1	S 1	4	6	------
23	59.38	58.15	25.1	29.6	93	69	Calm	S 1	10	6	5.8
24	59.88	58.16	24.5	30	96	71	Calm	Calm	5	3	.8
25	59.63	58.76	26.5	31.3	87	65	Calm	Calm	6	5	.8
26	59.54	58.34	25.2	29.9	93	77	Calm	Calm	10	10	8.9
27	59.21	58.09	25.2	26	94	91	Calm	Calm	10	10	7.9
28	59.02	58.44	24.1	23.8	98	89	Calm	Calm	10	10	26.2
29	58.82	57.74	24	28.5	91	81	Calm	Calm	10	10	14.8
30	57.79	56.82	26	28.6	92	80	E 2	SE 2	10	10	4.3
31	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Mean	57.52	56.67	25.3	28.4	92.2	80.4	0.4	0.6	9	8.9	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	401.2

JULY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	57.97	56.61	24.5	29.5	95	79	Calm	NE 2	10	10	36.1
2	59.22	57.16	24	29.5	96	76	Calm	Calm	10	8	18
3	58.77	58.56	25.6	27	87	83	Calm	Calm	9	10	.8
4	59.67	58.21	24.3	30.6	93	61	Calm	Calm	9	8	1.5
5	57.98	57.34	25.7	24.8	90	91	NE 1	EbyS 2	10	10	26.7
6	57.77	57.75	24.9	28	87	77	Calm	Calm	10	10	14.9
7	58.82	58.05	24.1	29	95	75	Calm	Calm	10	10	.8
8	59.42	57.45	25	30.8	97	72	Calm	Calm	6	6	1
9	58.44	57.08	25.1	30.5	91	72	Calm	E 1	5	5	------
10	58.62	58.63	26.5	30	80	75	Calm	SE 1	8	7	------
11	58.82	57.64	26.5	30.5	88	75	ENE 2	ENE 2	10	10	.3
12	58.35	57.44	26.1	26.6	92	81	Calm	E 4	10	10	10.2
13	59.29	58.26	25.5	30.6	92	72	E 2	ESE 1	9	8	1.5
14	58.34	56.94	25.6	30.5	95	75	ENE 1	NE 1	6	9	3.3
15	56.88	56.31	26.5	28.5	88	80	E 2	E 2	10	10	9.4
16	56.86	56.14	24.8	29.6	94	74	Calm	Calm	10	5	------
17	57.33	56.86	25.8	29.2	97	73	Calm	S 1	8	8	3
18	58.30	56.91	23.5	29	91	74	Calm	Calm	10	10	------
19	57.53	56.29	25.2	30	94	68	Calm	Calm	10	5	------
20	58.08	56.30	26	30.5	84	70	Calm	SE 1	4	6	------
21	57.86	57.25	24.9	31.5	92	69	Calm	Calm	8	8	5.8
22	57.08	55.98	25.7	32.5	93	68	Calm	E 1	6	7	21.1
23	56.30	54.94	25.6	31	97	68	Calm	Calm	3	6	11.7
24	56.92	55.69	25.4	30.1	95	75	Calm	Calm	2	4	------
25	57.93	56.59	26	30.3	93	73	Calm	Calm	7	8	1.3
26	57.68	56.12	25.4	27.6	93	81	Calm	Calm	10	10	4.1
27	57.69	56.45	25.7	28.6	90	77	Calm	WSW 1	4	8	55.3
28	57.93	57.76	24.1	30.5	97	67	Calm	Calm	10	8	1.1
29	57.09	57.06	25	25.5	93	90	Calm	Calm	9	10	9.1
30	57.42	56.99	25	29.5	95	75	Calm	SSE 1	8	8	3.3
31	58.21	57.11	25.4	28.6	90	74	Calm	S 1	9	7	------
Mean	58.02	57.03	25.3	29.4	92.1	74.8	0.3	0.7	8.1	8	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	240.3

AUGUST.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	58.58	57.76	25.1	28.5	91	84	Calm	Calm	10	10	16.5
2	58.42	58.45	24.5	26.5	93	89	Calm	Calm	10	10	7.7
3	59.64	58.19	24.6	27.9	97	75	Calm	Calm	9	9	3
4	59.99	59.27	25.4	27.7	93	83	Calm	Calm	10	10	1.8
5	59.77	58.58	24.5	30.1	92	64	Calm	Calm	5	5	4.8
6	59.54	58.39	25.6	30.3	84	63	Calm	Calm	6	6	------
7	59.98	58.68	25.2	29	82	68	Calm	Calm	5	6	------
8	58.98	58.09	25.5	28.6	89	75	Calm	Calm	7	10	------
9	57.92	56.91	27	30.1	82	73	Calm	SSE 2	9	10	------
10	57.65	56.50	27.7	29.5	77	71	S 2	S 2	8	8	------
11	57.31	56.34	26.5	30.3	83	66	Calm	Calm	7	7	------
12	57.09	56.56	26.4	30.1	84	69	Calm	Calm	10	10	.3
13	57.92	57.69	26.6	30.5	84	72	E 2	E 2	10	10	3.8
14	59.73	58.82	26.8	33	86	67	SE 1	E 2	10	9	5.8
15	59.64	59.43	24.6	25.1	95	91	Calm	SSW 2	6	10	21
16	58.97	58.23	24.8	27	94	84	Calm	Calm	10	10	4.1
17	58.92	58.33	26.5	30.3	84	70	Calm	Calm	9	10	1
18	59.69	59.06	25.1	26.5	92	84	Calm	Calm	10	10	38.8
19	59.54	58.52	24	29	96	73	Calm	Calm	10	10	12.9
20	59.16	57.47	25	29	92	81	Calm	NNE 2	10	10	.5
21	59.16	59.42	25.4	25.5	82	90	Calm	Calm	8	10	2.1
22	60.06	58.81	24.6	31.4	95	68	Calm	E 1	5	8	16.5
23	59.48	57.49	25.1	31.5	95	66	Calm	E 2	7	5	.3
24	58.58	57.58	25.8	30.8	92	68	Calm	E 2	8	10	12.7
25	58.56	57.35	24.8	31	95	72	Calm	ESE 2	10	8	9.1
26	59.59	56.85	25.1	29.7	95	78	Calm	ENE 1	10	10	9.6
27	58.06	57.16	24.5	30.7	92	74	SE 1	Calm	10	8	5.6
28	57.69	56.69	25	28.1	97	91	Calm	Calm	10	10	58.1
29	58.37	56.94	24	29.9	96	73	Calm	Calm	10	10	11.2
30	58.47	57.96	24.6	27.9	97?	84	ENE 2	Calm	10	10	.3
31	58.23	57.66	24.9	30.6	92	69	Calm	Calm	9	9	.5
Mean	58.83	57.91	25.3	29.2	90.3	75.3	0.3	0.6	8.6	9	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	248

[a] The thermometer shelter was in repair.

YAP (WESTERN CAROLINES).

[ϕ=9° 29′ N; λ=138° 08′ E; barometer above sea, 31.85 meters; gravity correction not applied, —1.87 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	58.38	58.41	26.8	30.3	78	68	Calm	Calm	8	10	------
2	58.36	57.42	25.5	27	92	86	Calm	Calm	10	10	4.3
3	58.36	57.01	26	30.5	96	74	Calm	ESE 1	10	10	9.9
4	57.53	56.78	26.6	31.2	84	68	E 2	E 2	10	10	4.1
5	58.03	57.67	25.5	25.5	92	94	Calm	E 1	10	10	12.7
6	57.84	57.63	26.4	30.6	85	68	Calm	Calm	10	9	------
7	57.59	55.97	25.4	28	91	85	Calm	ESE 2	10	10	7.4
8	57.07	56.88	26	25.6	88	93	E 2	Calm	10	10	55.6
9	58.26	57.90	25	28	92	85	Calm	ESE 2	10	10	.6
10	58.23	57.10	26.6	29	90	79	E 1	NE 2	10	10	75.7
11	58.34	57.41	23.9	26	97	94	Calm	Calm	10	10	10.9
12	58.37	57.45	24.4	29.5	92	69	Calm	Calm	10	10	12.2
13	57.82	57	23.4	29.5	93	64	Calm	Calm	10	8	3.1
14	57.62	56.54	24.7	29.5	96	68	Calm	Calm	6	9	.8
15	57.71	56.54	24.5	25	94	96	Calm	Calm	2	10	9.7
16	56.79	56.10	24.8	30.5	93	68	Calm	Calm	4	5	.5
17	56.50	55.76	26.3	29.2	87	78	Calm	SW 1	10	10	1.3
18	56.65	55.79	26.7	28	83	85	SSE 1	Calm	10	10	27.2
19	57.31	56.06	25.7	30	90	71	Calm	SSW 1	10	9	45.8
20	57.22	56.26	24.2	30.2	95	74	Calm	SE 1	4	8	12.2
21	57.96	55.59	25.5	29.5	89	76	Calm	SWbyW 1	10	10	1
22	57.28	56.25	26.8	31.1	82	68	Calm	Calm	10	10	.5
23	57.66	56.33	25.1	27.9	93	83	Calm	Calm	8	10	25.7
24	55.80	55.28	25	26	92	96	WNW 1	Calm	10	10	84.6
25	55.43	54.78	25.5	26	96	92	E 2	SE 2	10	10	29.5
26	56.06	56.23	25.2	25.4	92	89	S 2	S 2	10	10	12.4
27	57.38	56.67	25.5	29.2	88	76	SE 2	SE 2	10	10	------
28	57.47	56.74	27	29.6	84	77	SE 2	SE 2	9	9	.5
29	58.03	57.63	26.8	30.5	82	68	SSE 2	SSE 1	8	4	------
30	58.93	58.26	24.5	30.9	92	67	Calm	Calm	1	6	.3
31	------	------	------	------	------	------	------	------	------	------	------
Mean	57.55	56.71	25.5	28.6	89.9	78.6	0.6	0.8	8.7	9.2	------
Total	------	------	------	------	------	------	------	------	------	------	448.5

OCTOBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	58.42	57.48	24.9	24.8	88	89	Calm	Calm	9	10	4.1
2	58.71	57.73	26.3	30	83	73	SE 2	Calm	10	10	------
3	58.74	57.83	24.2	32.1	93	66	N 1	NNE 2	6	3	2.5
4	58.49	57.06	25	28.3	94	90	Calm	E 1	7	10	14.7
5	58.22	57.11	24.1	27.6	97	87	Calm	Calm	10	10	10.7
6	57.16	56.05	25.8	25.1	89	88	SE 2	S 2	10	10	15.5
7	57.76	56.85	27	28.1	84	84	SE 1	SE 1	10	10	14.9
8	58.88	57.76	26.5	32	80	67	E 1	E 2	3	8	2.8
9	58.96	57.28	25.6	31.6	92	72	NEbyE 2	E 2	9	7	4.8
10	59.09	57.63	25.2	26	90	88	EbyS 1	Calm	10	10	28.2
11	59.19	56.98	23	28	96	78	S 1	EbyS 2	10	10	8.6
12	58.68	56.76	24	28	96	83	Calm	ENE 1	10	10	5.4
13	57.62	56.99	26.2	25.4	89	94	ESE 2	Calm	10	10	19.3
14	58.27	57.24	24.1	28.4	98	82	Calm	ENE 2	10	10	25.1
15	57.13	56.13	24	25.2	96	95	NE 1	NE 2	10	10	31.2
16	56.83	56.07	26	30.3	94	79	E 2	E 2	10	10	22.3
17	57.64	56.08	24.6	29.1	99	81	Calm	E 2	10	10	12.4
18	57.66	55.96	24.7	31.5	97	68	Calm	E 2	10	7	27.9
19	57.87	56.78	25.1	27.3	93	84	E 2	E 2	10	10	1.8
20	56.65	55.57	26.3	30	90	75	ENE 2	NE 2	8	10	18.5
21	57.17	56.24	26.1	30.9	91	71	E 2	E 1	10	6	42.4
22	58.47	56.60	24	27.3	99	88	Calm	E 2	10	10	18.8
23	58.03	57.28	23.7	26.9	97	88	SW 1	Calm	10	10	24.4
24	59.12	57.83	24.1	32	97	68	Calm	NE 1	10	6	5.3
25	58.83	57.44	24.7	30.5	95	78	NNE 1	NE 2	8	9	10.2
26	58.47	57.05	24.5	27.3	96	90	NE 2	NE 2	7	10	10.2
27	56.49	55.61	24.7	31.2	94	71	Calm	ENE 2	3	8	2.8
28	55.90	54.80	24.5	27.6	96	84	Calm	Calm	10	10	------
29	55.95	55.45	24.6	31.2	95	74	Calm	NE 2	9	8	------
30	56.71	55.36	24.5	31.6	96	68	Calm	Calm	9	6	------
31	55.96	54.03	25.5	30.6	91	77	Calm	Calm	8	7	3.8
Mean	57.84	56.61	25	28.9	93.1	80	0.8	1.3	8.9	8.9	------
Total	------	------	------	------	------	------	------	------	------	------	388.6

NOVEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	54.28	52.67	25.1	27.6	96	87	Calm	Calm	10	10	48.2
2	53.50	52.30	24	28.7	99	83	Calm	Calm	10	10	19.4
3	52.73	51.74	25.4	27	93	95	SW 2	SW 5	10	10	45
4	53.75	53.72	26.1	27.6	87	76	SSW 4	S 5	10	10	25.9
5	55.15	55.04	27.2	28	77	74	SSE 4	SE 4	10	10	1.5
6	57.38	56.01	26.5	29.8	85	76	S 2	SSE 1	10	8	1.3
7	57.43	57.10	27.2	30.1	83	71	SE 1	SE 1	8	10	------
8	58.73	57.41	26.6	31.5	88	69	SEbyE 1	E 1	9	7	------
9	58.71	56.91	25	32	92	67	Calm	Calm	2	8	8.4
10	57.39	56.31	24.3	26.5	97	85	Calm	Calm	8	10	6.3
11	56.68	55.70	24.9	30.5	97	68	Calm	E 2	8	6	1.8
12	57.17	55.61	24.6	31.1	94	72	Calm	NE 2	7	8	4.3
13	56.15	55.05	25.9	30.1	93	78	NE 2	NE 2	10	10	2.5
14	56.33	55.67	25	26.8	93	86	E 2	ESE 2	10	10	3
15	56.54	55.22	24.5	28.6	96	82	NE 1	Calm	10	10	14.7
16	56.96	56.43	25.8	26	89	92	Calm	Calm	10	10	33.3
17	57.39	57.05	25.8	29.8	93	73	Calm	E 2	6	8	45.7
18	59.26	58.44	25.8	30.6	90	76	Calm	Calm	5	8	8.9
19	59.47	57.39	23.9	30.9	97	71	Calm	NE 3	7	8	2.3
20	57.16	56.17	25	27	92	89	E 2	E 2	6	10	6.3
21	57.37	56.80	26	29.1	97	81	E 2	E 1	10	9	.3
22	57.96	56.31	25	30.3	95	79	Calm	E 2	10	8	8.9
23	57.36	55.13	25	29.7	96	79	NE 1	NE 3	10	10	9.1
24	55.04	53.77	24.8	30.2	94	74	Calm	Calm	10	10	5.3
25	54.68	53.01	25.3	29.6	93	75	SSE 1	SSE 2	10	8	1.3
26	53.72	52.66	26.1	28.4	89	79	SbyW 1	S 1	10	10	1
27	55.58	54.82	25	27	92	86	SSE 2	Calm	10	10	34.3
28	56.26	55.71	24.5	30.2	92	71	Calm	S 2	10	5	------
29	55.98	54.29	26.2	30.6	86	71	Calm	Calm	6	5	------
30	56	54.26	24	30.2	96	74	Calm	SE 1	6	7	------
31	------	------	------	------	------	------	------	------	------	------	------
Mean	56.40	55.32	25.4	29.2	92	78	0.9	1.5	8.6	8.8	------
Total	------	------	------	------	------	------	------	------	------	------	339

DECEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	55.89	54	26	31.5	89	69	Calm	ESE 1	5	8	------
2	56.32	55.75	25.5	30.1	88	71	Calm	NE 1	8	10	0.8
3	56.43	55.12	25.5	30.8	88	64	NE 2	NNE 2	10	6	------
4	55.84	54.59	24.5	26	87	89	Calm	NNW 2	8	10	13.5
5	54.80	53.78	23.5	29	96	73	Calm	Calm	3	8	2.8
6	54.98	54.84	24.5	30.5	92	68	Calm	Calm	9	7	2.3
7	56	55.04	25.3	31.6	93	72	Calm	E 1	8	8	5.1
8	55.98	54.66	26	31.6	89	72	EbyN 2	ENE 2	9	7	.3
9	56.32	55.11	25.4	31.1	94	71	NE 1	NE 2	8	6	14.5
10	55.87	54.51	26.3	31.8	86	71	E 2	E 3	10	10	2.3
11	54.94	54.18	26.5	29	85	82	EbyN 3	E 2	10	10	8.6
12	56.48	55.18	24.8	24.8	98	95	NE 1	ENE 1	10	10	27.4
13	55.83	54.63	26	30.6	89	74	E 3	ENE 5	10	10	18.5
14	55.79	55.41	25.5	27.6	92	88	E 3	Calm	10	10	2.8
15	55.50	54.85	26.6	29	87	79	E 2	E 2	8	8	1.8
16	56.47	55.52	25.1	31	95	72	NE 1	NE 2	10	8	3.5
17	56.39	54.94	25.5	31	92	73	ENE 1	ENE 2	7	7	------
18	56.52	54.87	25.5	30	88	75	NE 1	ENE 3	4	10	6.9
19	56.22	54.92	25.6	30.9	94	74	E 2	E 2	10	9	15.7
20	55.63	54.63	25.8	28.3	92	80	ENE 3	E 3	10	10	21.6
21	55.83	54.23	25.5	29.6	96	70	ENE 2	NE 3	10	10	1.3
22	55.58	53.61	24.8	30.1	84	73	NE 2	ENE 3	7	10	1.3
23	54.43	54.12	25.2	29.6	90	73	ENE 3	ENE 3	10	10	7.4
24	55.16	54.27	24	30.5	96	71	ENE 5	ENE 3	10	8	.8
25	56.31	55.74	26.5	31.5	79	66	E 3	E 2	9	8	------
26	56.13	54.57	25	30.2	92	77	NE 2	NEbyE 2	8	10	1.3
27	56.33	55.40	25	31.3	88	64	ENE 1	ENE 2	10	8	------
28	57.11	56.02	24.5	31.1	92	66	Calm	NE 3	8	6	------
29	57.07	55.78	25.3	31.2	81	68	E 3	E 3	9	8	------
30	57.26	56.02	26	30.5	78	65	E 2	E 2	8	10	.3
31	57.56	56.37	25	31	93	70	ENE 2	E 2	9	9	1.3
Mean	56	54.91	25.4	30.1	89.8	73.4	1.7	2.1	8.5	8.5	------
Total	------	------	------	------	------	------	------	------	------	------	162.1

IWAHIG.

[ϕ=9° 44′ N; λ=118° 38′ E; barometer above sea, 4.26 meters; gravity correction not applied, —1.86 mm.]

JANUARY.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	57.15	55.51	22.4	30.4	95	70	WSW 2	NNE 2	10	10	0.7
2	55.09	55.18	23.5	26.5	96	86	WNW 2	WNW 1	10	10	9.6
3	55.25	54.84	23.5	29.5	96	67	WNW 1	SW 2	10	10	.9
4	57.82	56.84	21.7	28.7	96	76	WSW 2	NNE 1	10	10	26.9
5	59	58.33	21.5	30.4	96	69	SW 1	ENE 2	10	7	------
6	59.12	58.45	21.7	30.6	96	63	SSW 1	ESE 2	10	8	------
7	59.19	58.06	21.5	30.3	95	66	SSW 1	E 3	10	6	------
8	59.47	59.27	22.5	30.2	96	71	SSW 1	NE 2	10	8	------
9	60.50	59.25	23.2	30.5	94	69	SW 1	SE 3	10	7	------
10	60.43	59.25	22.5	30	95	71	SSW 1	E 2	4	10	1.3
11	60.34	59.48	21.8	29.5	96	68	WSW 2	NE 2	1	10	4.5
12	59.19	58.02	22.1	30.3	95	64	SSW 2	E 3	3	10	------
13	59.01	57.89	23.1	30.8	95	62	SSW 1	ENE 2	10	8	------
14	58.11	56.58	20.8	30.4	93	56	SW 1	NNW 3	2	10	------
15	56.77	56.44	27.3	27.1	98	99	NNW 3	NW 3	10	10	.8
16	56.61	56.61	25.5	28.6	80	65	N 2	NNE 1	10	10	.3
17	57.34	56.63	22.9	30.2	87	66	WSW 1	SSE 2	4	10	------
18	58.51	58	20.5	28.5	94	60	SW 1	ESE 2	0	10	1.3
19	59.02	58.29	20.3	29	93	64	W 2	ESE 2	2	6	------
20	59.20	57.40	19.8	29.5	94	58	SW 2	NNE 2	0	4	------
21	58.37	57.28	18.8	29.3	96	56	SSW 1	E 1	4	5	------
22	58.27	56.45	18.9	29.9	92	47	WSW 2	NW 3	2	2	------
23	57.79	56.43	22.1	29.7	90	61	Calm	NNW 3	10	10	.5
24	58.21	57.58	25.9	28.1	72	74	WNW 3	Calm	10	10	7.1
25	58.53	57.91	22.5	29.5	95	68	WSW 1	E 2	10	10	------
26	57.68	57.03	22.5	30	95	64	WSW 1	NNE 2	10	10	4.4
27	57.05	56.22	23.1	27.1	95	83	SW 1	SW 1	10	10	4.6
28	55.96	55.39	23	28.5	96	70	WSW 1	NE 3	10	10	31.5
29	55.65	54.58	24.7	27.1	97	90	E 1	NE 2	10	10	31.7
30	55.47	55.12	24.7	26	96	93	E 2	ENE 1	10	10	50.3
31	55.54	54.77	23.8	29	97	78	Calm	ESE 2	10	10	12
Mean	57.92	57.07	22.5	29.2	93.6	69.5	1.4	2	7.5	8.7	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	188.4

FEBRUARY.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	55.72	55.28	24.1	26.9	97	85	WNW 1	ENE 2	10	10	105.5
2	56.12	56.29	24.1	28.6	97	80	SSW 1	ENE 1	10	10	.3
3	56.67	56.80	23.9	29.8	96	71	SW 1	ESE 1	10	9	1.5
4	57.20	57.41	22.5	25.9	96	92	SW 1	WSW 1	10	10	8.1
5	57.57	56.99	21.4	31.4	96	53	Calm	NW 3	10	4	------
6	58.55	57.26	20.2	30.5	94	64	WSW 1	E 2	2	2	------
7	57.32	56.68	19.6	29.5	94	65	SW 1	ENE 2	1	3	------
8	57.43	56.51	19.9	30.5	95	62	SSW 1	E 1	1	1	------
9	59.02	58.38	18.8	29.5	94	68	SW 1	NW 3	1	1	------
10	59.89	58.74	17.7	30.7	94	40	SW 1	ENE 1	1	4	------
11	59.55	58.89	19.1	29.8	93	62	WSW 2	E 2	9	10	------
12	59.10	58.38	20.6	29.2	94	68	SW 1	E 2	7	10	------
13	59.19	58.65	21.4	29.8	95	66	WSW 1	E 1	8	4	------
14	60.01	58.84	22.2	29.7	95	61	Calm	E 2	10	10	------
15	59.15	58.10	21.1	30.5	94	56	WSW 1	ESE 2	5	7	------
16	59.33	58.20	20.4	29.7	93	60	WSW 1	E 1	4	10	------
17	59.15	57.48	20.8	31.4	96	59	SSW 1	W 2	10	10	------
18	58.03	56.50	21.9	31	95	53	W 1	N 2	10	10	------
19	56.38	55.64	23	28.6	95	66	SW 1	N 2	10	10	------
20	55.91	55.19	22.9	30.5	92	71	Calm	NNE 1	10	10	3.4
21	55.93	55.88	23.1	26.4	96	87	Calm	W 1	10	10	17
22	56.63	55.36	22.6	27.1	96	73	WNW 1	WNW 3	10	10	10.6
23	56.03	55.48	22.9	30.6	96	60	Calm	SSW 2	10	10	------
24	56.86	56.66	21.8	29.6	95	70	S 1	E 2	8	6	------
25	57.65	56.98	21.1	30	95	60	S 1	ENE 2	4	9	------
26	58.20	56.74	20.6	30.6	94	62	SSW 1	ESE 1	1	7	------
27	57.50	57.21	20.6	30	94	65	WSW 1	SW 2	1	10	------
28	57.87	57.03	19.9	30	95	59	SSW 1	E 2	2	8	------
29	58.13	58.30	20.2	31	94	53	SW 1	N 2	4	5	------
Mean	57.80	57.10	21.3	29.6	94.8	65.2	0.9	1.8	6.5	7.6	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	146.4

MARCH.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	58.45	58.08	23	29.9	98	55	SSW 1	NW 2	8	10	------
2	58.03	57.72	23.9	24.9	91	91	W 2	W 1	10	10	26.3
3	57.91	58.25	22.1	28.2	96	70	WSW 1	NE 2	10	10	------
4	59.36	58.39	22.1	31.2	97	61	SSW 1	NE 1	8	3	------
5	58.56	58.09	22.4	30.6	95	62	WSW 1	S 1	10	4	1.8
6	58.08	57.36	22.5	30.3	95	66	WSW 1	ENE 3	6	6	------
7	57.39	56.55	22.3	31.1	94	64	SSW 1	NE 2	4	3	3.7
8	57.92	57.30	23.6	30.4	96	68	Calm	ENE 2	8	2	------
9	58.65	58.09	23.1	31.1	95	64	SSW 1	ENE 2	1	8	------
10	58.29	57.54	22.6	30.2	95	68	WSW 1	E 2	10	7	1.8
11	57.80	56.72	21.9	31.4	94	63	SW 1	E 3	0	6	------
12	58.03	57.83	22.4	31.5	95	60	SSW 1	E 2	2	4	------
13	58.30	58.25	24.5	31.3	95	61	Calm	ESE 2	10	9	------
14	58.29	57.50	22.7	31.9	94	50	SSW 1	E 2	10	1	------
15	57.85	56.24	20.5	30.4	91	63	Calm	E 3	5	5	2.3
16	57.80	56.92	21.7	30.4	93	65	W 1	E 3	4	5	4.8
17	58.06	57.75	22.6	29	94	71	WSW 1	E 2	10	10	------
18	58.07	57.79	23.5	29.5	95	70	E 1	ENE 2	8	9	.9
19	58.30	57.81	20.9	30.8	95	64	SSW 1	ENE 2	0	7	.7
20	57.99	57.30	24.5	29	94	75	SSW 1	E 3	10	8	33.7
21	58.30	58.16	24	30.4	96	63	W 1	ENE 2	8	5	------
22	59.06	58.36	22.7	29	95	74	SW 1	E 2	8	10	------
23	59.10	58.88	22.6	30.2	96	67	Calm	E 3	10	4	------
24	60.11	59.42	24.2	30.5	94	59	Calm	E 3	10	10	------
25	60.19	58.80	22.9	31	96	69	Calm	E 3	2	2	------
26	59.77	59.03	24.1	31.1	94	65	SSW 1	E 2	10	1	------
27	59.49	58.99	22.6	30.5	94	63	SSW 1	E 2	10	4	------
28	59.34	58.43	22.4	31	95	62	SSW 1	E 2	7	2	------
29	58.54	57.02	21.6	31	94	65	SSW 1	E 2	0	3	------
30	58.10	57.02	22.5	31.1	95	66	SSW 1	ESE 2	4	8	------
31	57.58	56.26	22.9	31.5	95	60	SW 1	NE 2	1	5	------
Mean	58.47	57.80	22.8	30.3	94.7	65.3	0.8	2.2	6.6	5.8	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	76

APRIL.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	57.36	56.54	22.5	30.5	95	65	WSW 1	NE 2	2	10	------
2	57.48	57.46	22.5	30.8	94	64	SSW 1	E 1	4	3	------
3	59.39	58.65	22	31.2	94	60	SW 1	ENE 2	4	3	------
4	59.83	58.59	21.2	33.4	94	41	SW 1	ENE 2	6	4	------
5	59.99	59.27	22.3	31.5	93	60	W 1	E 2	4	4	------
6	60.16	59.62	22.4	30.8	92	61	WNW 2	ESE 3	3	10	------
7	60.57	60.08	23	31	96	68	Calm	ENE 2	10	10	6.9
8	60.27	58.90	24.4	29.5	95	67	S 1	SE 1	10	10	------
9	59.31	58.82	24	29.8	95	69	Calm	ENE 2	4	8	------
10	59.03	58.58	23	30.9	95	65	S 1	NE 3	2	8	------
11	59.08	57.53	22.3	31	96	65	WSW 1	NE 3	4	3	------
12	58.72	58.14	24	30.5	93	65	S 1	ENE 2	6	4	------
13	58.67	58.50	24.1	29.9	95	64	ENE 1	E 2	10	9	------
14	59.29	58.21	22.8	31.5	94	57	S 1	ESE 2	10	8	------
15	57.96	57.27	22.5	31.2	94	61	S 1	E 2	1	10	------
16	57.97	56.69	22	31.4	91	61	S 1	ESE 2	10	4	------
17	57.13	55.55	23	32.5	93	55	SW 1	E 1	9	9	------
18	56.36	55.21	22.5	31.5	92	65	SW 1	ESE 2	4	10	.8
19	56.56	56.17	22.5	27.9	95	81	WSW 1	WSW 2	1	10	------
20	56.75	55.64	22.5	32.1	95	65	Calm	E 2	2	6	2.1
21	56.65	55.32	21.9	33	91	52	WSW 1	ENE 2	10	6	------
22	57.14	55.89	21.9	32.1	92	50	SW 1	NE 2	1	6	------
23	56.76	55.68	21.3	32.2	93	53	SSW 1	Calm	2	9	------
24	56.50	56.19	21.5	31.4	94	60	WSW 1	ENE 3	0	5	------
25	57.12	55.85	21.4	33.9	95	40	SW 1	NE 2	2	2	------
26	57.79	57.03	22.3	28	90	81	SW 1	S 1	10	10	.7
27	57.71	57.12	22.9	32.6	93	51	WSW 1	NE 2	2	4	------
28	58.17	56.25	23.9	33.4	92	53	SW 1	NNE 2	10	6	------
29	57.85	57.89	23.1	28.4	94	60	S 1	N 2	10	10	------
30	58.36	57.91	22	30	94	65	Calm	NNE 2	1	10	------
Mean	58.20	57.32	22.6	31.1	93.6	60.8	0.9	1.9	5.1	7	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	10.5

IWAHIG.

[ϕ=9° 44′ N; λ=118° 38′ E; barometer above sea, 4.26 meters; gravity correction not applied, —1.86 mm.]

MAY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	58.20	57.05	22.4	33	92	51	WSW 1	ESE 3	4	3	------
2	57.61	56.63	21.6	27.3	95	82	WSW 1	SW 1	1	10	8
3	56.39	55.87	22	33.2	95	48	SW 1	NW 3	7	10	------
4	56.72	56.23	24.6	29.4	94	79	Calm	Calm	10	10	1
5	56.25	55.94	23.6	31.7	95	61	WSW 1	NNE 3	10	10	11.4
6	56.58	55.72	23.7	32.5	95	63	NW 1	N 2	10	10	------
7	56.23	56.12	23.1	31.5	95	61	WSW 1	N 1	10	10	13.8
8	57.27	56.48	24	29.4	97	68	E 1	NE 2	10	5	26.9
9	57.50	57.71	23.5	24.9	97	94	W 1	Calm	10	10	37.9
10	55.83	55.98	24	27.1	95	87	SW 1	Calm	10	10	8.5
11	56.75	57.14	23.1	26.4	95	84	Calm	SW 1	10	10	21.7
12	58.01	56.88	22.8	29.6	97	76	WSW 1	E 2	10	10	.5
13	57.99	58.03	23	24.6	96	94	SW 1	W 1	10	10	17.8
14	57.12	55.56	21.9	29.9	96	67	Calm	E 2	6	6	------
15	55.90	55.69	22.7	31.2	97	58	W 1	ESE 3	2	7	------
16	57.15	57.84	22.5	31.6	94	66	SW 1	E 2	10	10	------
17	58.74	58.08	23.6	30	95	70	WSW 1	NE 2	10	10	------
18	58.51	57.19	22.3	31	94	65	S 1	NE 2	10	10	6.6
19	57.52	56.76	24.2	31.3	97	69	Calm	ESE 2	10	5	------
20	57.65	56.78	23.4	31.9	96	61	SSW 1	ESE 2	4	3	------
21	57.56	56.64	23	31.8	96	62	WSW 1	NE 2	6	3	------
22	56.98	56.18	22.5	32	95	57	SSW 1	ENE 2	8	3	5.1
23	56.75	55.93	24	32.3	96	63	WSW 1	ENE 2	8	7	.1
24	56.89	56.02	23.9	32.4	93	60	SSW 1	NE 2	2	3	.3
25	57.18	56.62	25.3	32.5	96	65	Calm	NE 2	10	10	3.8
26	56.45	56.55	23	25.5	93	86	SSW 1	NNE 2	8	10	7.6
27	55.32	55.29	23.9	24.7	96	92	Calm	WNW 1	10	10	16
28	55.08	55.56	23	26.7	97	91	W 1	WNW 1	10	10	7.9
29	55.83	55.49	22.5	31.1	96	64	W 1	SSE 2	10	10	------
30	56.88	57.58	23.1	24.9	96	94	WSW 1	WNW 1	10	10	26.2
31	57.71	57.57	22.1	27	96	83	WSW 1	WNW 1	5	10	4.6
Mean	57	56.55	23.2	29.6	95.4	71.6	0.8	1.7	7.8	8.2	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	225.7

JUNE.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	57.24	56.96	22.5	27	96	94	WSW 1	SW 1	10	10	43.4
2	56.99	56.25	22.9	26.8	93	87	W 1	SSW 2	10	10	18.5
3	56.78	55.86	22.6	29.5	95	75	WSW 1	WSW 1	10	10	------
4	56.59	55.85	22.6	30	95	70	WSW 1	SW 2	4	10	------
5	56.86	55.83	22.5	27.9	95	88	WNW 1	ESE 1	10	10	3
6	56.08	54.76	23.2	30.4	97	69	WSW 1	NNE 2	10	8	------
7	55.49	55.04	23.3	30	93	76	WSW 1	NE 2	10	10	23
8	55.38	55.10	23.4	28.3	96	79	Calm	SW 1	10	10	26.9
9	54.99	54.91	23.6	27.5	94	84	W 1	NNE 1	10	10	1.3
10	55.81	54.71	22.9	26.8	96	89	WSW 1	N 2	10	10	35.8
11	55.38	54.16	22.6	30	97	74	ENE 1	ENE 1	10	10	15.8
12	54.87	53.47	22	28.4	96	85	SSW 1	W 1	10	10	28.9
13	53.73	53.71	23.4	28	95	80	W 1	WSW 1	10	10	.5
14	55.33	55.11	22.6	30.4	95	66	W 1	WSW 1	10	10	------
15	56.10	55.22	23.1	32.3	95	46	WSW 1	W 3	10	8	------
16	55.71	54.28	22.4	32.4	95	48	WSW 1	W 3	5	4	------
17	55.39	54.38	23.4	32.4	92	64	W 1	Calm	8	8	------
18	55.65	56.86	23.5	27.4	94	81	Calm	Calm	10	10	9.5
19	57.75	57.09	23	26.4	96	86	N 1	N 2	10	10	1.2
20	57.36	56.14	23.5	29.6	91	74	SW 1	ENE 2	10	10	3.8
21	57.29	55.74	22.3	30.9	93	69	Calm	NE 1	4	10	.5
22	57.25	56.35	23.5	31	95	62	WSW 1	ENE 1	10	10	1
23	57.93	58.53	24.5	25	95	91	SSW 1	SSW 1	10	10	10.9
24	58.45	58.63	22.4	27.7	96	68	SW 1	S 2	4	10	------
25	59.67	58.83	22	29.8	95	70	W 1	S 2	4	10	------
26	59.56	58.41	22.5	30	96	68	W 1	NE 2	10	10	------
27	58.98	58.38	22.4	27	95	80	W 1	WSW 1	10	10	------
28	58.57	58.28	22	26.1	95	86	WSW 1	SW 2	10	10	10.4
29	60.04	58.26	22.6	28	95	69	Calm	NW 1	10	10	4.3
30	58.34	58.07	22.9	23.9	96	95	SW 1	Calm	10	10	68.4
31	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	------
Mean	56.85	56.17	22.9	28.7	94.9	75.8	0.9	1.4	9	9.6	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	297.1

JULY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	57.64	56.43	22	29	96	73	W 1	NE 2	4	10	4.8
2	57.79	57.40	22.3	25.1	96	92	Calm	WNW 1	4	10	33.9
3	57.46	57.51	23	25.2	95	88	WSW 1	S 1	10	10	10.8
4	56.90	57.38	23.7	23.9	94	91	W 1	Calm	10	10	14
5	58.27	57.33	22.4	29.5	96	75	SW 1	N 2	10	10	4.6
6	58.55	57.59	23.7	31.1	97	71	NW 1	ENE 2	10	10	------
7	58.96	58.15	23	30	95	70	WSW 1	ENE 2	4	8	------
8	58.39	56.84	22.5	31.5	96	65	WSW 1	ENE 2	4	7	------
9	58.20	56.85	24	31.4	95	66	S 1	ENE 1	10	6	------
10	58.19	57.33	23	31.8	95	64	SSW 1	E 2	2	3	2.3
11	58.41	57.79	22.7	29.9	93	70	WSW 1	NE 1	10	10	------
12	57.74	57.40	22.9	31.5	95	62	S 1	NE 2	10	4	------
13	58.15	57.69	23.5	31.8	99	61	S 1	NE 2	9	7	8.4
14	58.18	57.87	23.6	28.5	95	80	Calm	WSW 1	10	10	.5
15	57.59	57.51	22.4	31	96	68	SSW 1	ENE 1	10	9	------
16	57.48	56.98	22.6	30.5	95	68	WSW 1	SE 2	10	10	5.8
17	56.91	56.22	23.4	28	95	81	NE 1	S 1	10	10	20.5
18	56.28	56.40	22.6	28.4	96	80	WSW 1	NE 2	10	10	.5
19	56.66	56.35	22	31	98	65	SSW 1	SE 2	5	4	------
20	57.20	55.71	22.3	30.4	96	66	S 1	ESE 2	1	5	7.4
21	57.23	57.01	22.6	24.8	95	91	WNW 1	W 2	2	10	10
22	56.64	56.36	22.3	28.8	96	81	W 1	SW 2	1	7	47.5
23	56	55.79	22	31.8	96	61	W 1	WSW 1	1	10	3.6
24	56.67	55.49	22.4	31	96	68	W 1	ESE 2	1	8	------
25	57.56	56.29	22.5	32.1	96	68	SW 1	ESE 2	10	10	.3
26	57.28	56.59	23.5	27.9	95	84	W 1	NE 1	10	10	1.3
27	56.60	56.23	23.2	29	97	76	Calm	ENE 1	10	10	3.3
28	56.80	56.37	22.9	31.1	96	59	SSW 1	WNW 2	10	10	2.3
29	56.65	55.65	22.8	29.2	96	70	Calm	W 2	10	10	------
30	56.55	56.29	22.5	30.5	95	62	W 1	ESE 2	4	6	13.4
31	56.79	56.56	22.5	29.5	96	73	Calm	S 2	10	10	.6
Mean	57.41	56.82	22.8	29.5	95.7	72.5	0.8	1.6	7.2	8.5	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	195.8

AUGUST.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	57.38	57.09	23.4	28.8	93	80	W 1	WSW 1	5	10	19
2	58.19	57.61	22.5	29.9	96	71	W 1	ESE 1	3	10	------
3	58.39	57.57	22.3	31	96	69	WSW 1	N 3	4	10	4.8
4	59.58	58.76	22.2	27.9	96	80	WSW 1	SSE 1	10	10	37.8
5	59.92	59.33	23	24.5	97	91	WNW 1	W 1	10	10	25.4
6	58.90	58.43	21.4	31.1	95	62	WSW 1	ESE 2	4	4	------
7	58.59	58.44	22.5	23.5	96	91	SW 1	NW 3	4	10	18.6
8	59.01	57.96	22	29.3	96	81	W 1	WNW 1	4	10	8.3
9	58.65	56.84	22	31.8	95	57	W 1	N 2	10	10	------
10	56.85	55.87	22.5	31.8	95	58	WSW 1	NW 3	10	10	------
11	55.95	54.47	22.5	31.6	95	59	W 1	W 3	8	10	------
12	55.63	55.07	22.6	32.1	95	62	WSW 1	W 4	10	10	------
13	55.86	55.79	23.3	31.8	94	64	SW 1	WSW 1	4	10	------
14	57.14	57.59	23.1	29.9	94	75	SW 1	E 2	10	10	------
15	59.30	58.52	23.7	31.2	95	65	NW 1	ESE 2	10	10	------
16	59.63	57.90	23	31.1	95	67	W 1	NE 3	10	10	2.5
17	59.06	57.15	23.1	31.6	94	65	Calm	WNW 1	10	9	------
18	58.73	56.97	22.5	32.2	96	61	W 1	E 1	10	7	15.7
19	58.35	58.17	23.2	25.1	96	89	WSW 1	Calm 4	10	10	25.9
20	58.11	56.49	22.6	30.6	95	63	WSW 2	WSW 2	10	7	------
21	58.35	58.03	23.8	30.8	97	65	Calm	WSW 1	10	10	------
22	59.38	57.88	22.8	31.9	97	60	S 1	NE 2	3	4	------
23	59.04	57.03	22.1	32.2	93	55	W 1	ENE 2	2	8	------
24	57.55	56.47	22.5	30.9	95	65	SSW 1	SE 2	10	8	------
25	57.43	56.62	22.4	31	96	62	WSW 1	NE 2	8	8	------
26	58.01	58.07	22.7	28.8	95	74	S 1	NE 1	10	10	25.6
27	57.30	56.59	23	31.6	96	62	SW 1	ENE 1	10	4	------
28	57.56	56.29	23	31.4	95	63	S 1	ENE 1	10	9	28.7
29	57.08	57.26	22.5	26.6	96	83	Calm	Calm	10	10	.5
30	57.39	56.99	22	31.3	96	57	NW 2	SE 3	2	1	------
31	58.20	57.92	21.5	32	95	59	W 1	SE 2	10	9	------
Mean	58.08	57.26	22.6	30.2	95.3	68.2	1	1.7	7.3	8.5	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	207.9

IWAHIG.

[ϕ=9° 44′ N; λ=118° 38′ E; barometer above sea, 4.26 meters; gravity correction not applied, —1.86 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.		Wind, direction and force (0–12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*					*0–10.*	*0–10.*	*mm.*
1	58.34	59.27	22	25	95	92	NW	1	NNW	1	10	10	13.4
2	57.70	56.41	21.7	29.4	96	76	NW	1	E	1	10	10	2.3
3	56.16	55.96	22.2	30.5	96	62	SW	1	E	2	4	10	.3
4	55.89	54.74	21.9	30	96	70	NW	2	SSW	3	10	10	2.5
5	56.15	55.53	22.3	31.5	94	66	SW	2	SSW	3	10	10	------
6	56.79	56.25	22.6	28.9	96	70	W	2	NW	3	10	8	------
7	56.60	55.95	21.5	29.3	95	69	WNW	1	NNW	1	10	10	------
8	58.23	57.10	22.6	30	95	70	NW	1	ESE	2	10	10	.5
9	57.65	56.29	23.2	31.7	96	60	Calm		NNE	2	10	8	.3
10	56.95	56.16	22.9	28.8	96	76	SW	1	E	1	10	10	10.2
11	57.38	57.04	22.7	24.7	97	91	SW	1	WSW	1	10	10	16.3
12	58.59	57.55	22.5	30	96	71	SSW	2	NNE	2	10	10	32.1
13	57.76	56.66	22.2	28.7	96	75	SSW	1	S	2	10	10	39.1
14	56.62	56.26	22	26.5	96	84	SSW	1	ESE	1	10	10	7.9
15	56.20	55.91	21.4	28.6	96	74	SW	1	Calm		2	10	4.6
16	56.92	57.16	21.5	26	96	84	SW	1	WSW	1	2	10	.8
17	56.96	55.99	21	30.8	95	67	SSW	2	W	2	10	8	------
18	56.22	56.07	21.8	25.5	91	92	SSW	2	S	1	5	10	18
19	56.49	56.01	21.5	23.4	96	96	S	1	NW	2	10	10	13.2
20	57.32	55.83	21.6	30.5	96	69	SW	1	E	2	1	9	------
21	56.45	55.09	23.1	32.3	93	55	Calm		W	4	2	10	------
22	55.93	54.61	24.5	29.3	87	64	S	1	WNW	3	10	10	18
23	55.86	54.06	25.5	28	83	71	SW	1	W	3	10	10	18.9
24	53.71	53.04	24	25.4	100	84	S	1	WSW	4	10	10	7.1
25	53.83	53.97	23.8	26.7	91	70	S	1	SW	4	10	10	4.6
26	54.89	54.06	22.5	30.4	95	69	S	1	S	3	10	10	------
27	56.57	55.42	21.6	30.4	96	73	S	1	SE	1	10	10	------
28	56.40	54.98	23.8	32.4	96	65	SW	1	S	2	10	9	------
29	56.32	55.96	24	28.4	95	72	NE	1	W	1	10	10	2.1
30	56.31	56.06	22	29.7	97	71	WSW	1	ESE	2	10	10	1.3
31	------	------	------	------	------	------	------		------		------	------	------
Mean	56.57	55.85	22.5	28.8	94.8	73.6	1.1		2		8.5	9.7	------
Total	------	------	------	------	------	------	------		------		------	------	213.5

OCTOBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.		Wind, direction and force (0–12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*					*0–10.*	*0–10.*	*mm.*
1	57.55	56.27	21.6	32.3	97	61	SW	1	SE	2	0	3	------
2	57.97	57.97	21.7	27.4	95	77	SW	1	S	3	9	10	------
3	57.81	57.29	20.9	29.5	95	68	W	2	WSW	1	1	10	------
4	57.91	57.99	21.8	24	96	90	SW	1	NW	2	10	10	23
5	58.21	57.83	22.2	25.3	96	91	SW	1	SW	1	10	10	7.4
6	58.45	56.69	21.5	25.1	95	87	SW	1	SW	2	10	10	10.3
7	55.95	56.23	22.2	26	96	89	SW	1	Calm		9	10	4.8
8	56.96	56.28	21.2	30.5	96	65	SW	1	SSW	2	1	8	------
9	57.46	57.10	21.5	30.9	95	68	SW	2	SE	2	5	10	------
10	58.69	57.14	22	31	95	69	SSW	2	ENE	2	9	7	------
11	57.20	56.09	21.5	31.7	95	60	SW	1	E	2	7	10	------
12	56.58	55.99	22.3	31.6	96	59	WSW	2	ENE	2	10	10	.3
13	57.09	56.83	22.5	31	96	69	SW	1	SSE	1	10	9	------
14	57.21	55.77	22.6	30.6	92	67	WNW	2	E	2	10	10	10.9
15	55.69	54.99	23.9	29.5	96	75	SSW	1	ESE	1	9	10	32.8
16	56.21	54.76	22.7	32.2	97	58	W	1	W	2	10	8	------
17	56.04	55.18	22.3	28.5	95	80	SSW	1	N	2	8	10	8.2
18	56.86	55.68	22.7	27.3	97	89	Calm		NNE	1	10	10	17.1
19	56.20	54.30	23.1	32.5	96	60	SW	1	NNE	1	10	7	------
20	55.84	54.94	22.2	30.1	96	70	Calm		E	1	10	10	3.5
21	56.71	55.67	23.4	31.1	96	63	WNW	1	Calm		10	8	2.8
22	56.58	55.72	22.5	26.4	96	91	SW	1	E	1	10	10	10.1
23	56.77	55.48	21.5	30	96	70	SW	1	ESE	2	1	4	------
24	57.36	57.25	22	27.5	96	85	SW	1	Calm		9	10	1
25	57.15	57.39	23.5	24.8	94	92	W	1	Calm		10	10	29.9
26	58.62	58.06	22.2	25.4	97	88	Calm		SW	2	10	10	.8
27	58.20	56.68	23.2	29.9	97	65	WNW	1	ESE	2	10	10	5.8
28	56.95	56.31	23.5	28.4	97	74	SW	1	NNE	1	10	10	3.2
29	57.45	57.53	22.5	28	97	77	WNW	1	NE	2	10	10	3.8
30	58.05	57.35	21.2	28.8	96	81	Calm		E	1	3	10	1
31	57.10	55.88	22.6	23.6	97	94	Calm		WSW	1	10	10	40.4
Mean	57.19	56.41	22.3	28.7	95.8	75.2	1		1.5		8.1	9.2	------
Total	------	------	------	------	------	------	------		------		------	------	217.1

NOVEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.		Wind, direction and force (0–12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*					*0–10.*	*0–10.*	*mm.*
1	54.95	54.17	21.5	27.5	96	79	WSW	1	SE	1	7	10	4.1
2	54.79	53.90	22	30.8	97	63	Calm		S	3	5	10	------
3	56.68	56.41	22.6	29.4	95	74	SW	1	ENE	1	10	10	------
4	57.21	55.91	22	30.5	95	72	SSW	2	SSE	1	2	10	1.3
5	56.61	55.25	22.7	30.5	94	67	WSW	2	N	1	10	10	------
6	56.49	55.43	22.2	31.6	96	54	WSW	1	WNW	3	10	3	------
7	56.46	55.74	22.5	30	95	55	Calm		NW	3	10	4	4.8
8	56.85	56.13	21.1	31	96	55	WSW	1	WNW	3	8	10	------
9	57.66	56.32	21.2	31	95	61	SW	2	SSE	2	7	8	------
10	58.04	56.11	22.5	32.6	92	55	SW	2	E	2	2	2	1.5
11	56.81	56.42	22.9	27.6	96	83	SW	1	SW	1	10	10	3.3
12	56.43	55.95	22.9	28.5	97	70	S	1	ENE	2	10	10	1.5
13	57.34	56.48	22.5	31.2	95	63	SW	1	E	3	10	7	------
14	56.93	55.83	22	30.8	95	65	WSW	1	E	3	4	5	------
15	56.91	55.91	22.4	28	95	81	Calm		WSW	1	10	10	------
16	55.92	54.54	22.2	31.5	94	60	S	1	S	1	10	10	.3
17	56.16	54.42	21.7	30.8	96	67	SW	1	ESE	1	4	8	------
18	57.09	55.80	22.8	30.5	97	65	W	1	WNW	3	10	9	1.1
19	56.75	56.16	23	29.4	95	70	Calm		WNW	1	10	10	3.8
20	56.54	55.67	22.9	27.8	96	82	SSW	1	S	1	10	10	12.7
21	56.95	56.58	21.6	29.1	95	76	WNW	1	ESE	2	10	10	1.5
22	57.58	56.36	22.3	30	96	69	W	1	ESE	2	10	10	------
23	57.46	56.26	22.3	30.1	96	70	SW	1	E	3	10	10	------
24	57.22	56.34	21.7	30.5	96	63	SSW	2	E	2	2	10	------
25	56.60	56.03	21.4	31.2	95	64	SW	1	S	2	10	10	1.3
26	55.01	54.19	22	28.5	96	74	SW	1	SSE	1	10	10	2
27	55.40	54.51	21.1	31	98	61	WNW	1	NW	2	7	5	1.3
28	55.70	54.98	22	32.2	95	57	Calm		N	1	2	10	------
29	55.80	55.56	23	25.8	96	92	WSW	2	Calm		10	10	13
30	56.30	55.91	21.5	24.9	95	92	W	1	NW	1	8	10	22.4
31	------	------	------	------	------	------	------		------		------	------	------
Mean	56.55	55.61	22.2	29.8	95.5	68.6		1	1.8		7.9	8.7	------
Total	------	------	------	------	------	------	------		------		------	------	75.9

DECEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.		Wind, direction and force (0–12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*					*0–10.*	*0–10.*	*mm.*
1	56.30	55.23	22.2	26.5	96	86	SW	1	NNE	1	10	10	0.5
2	56.03	55.05	20.5	20.6	94	61	Calm		N	2	9	10	------
3	55.61	55.80	21.7	27.7	97	79	SW	1	N	1	10	10	9.3
4	56.62	55.73	23.9	27.4	97	89	NW	1	S	2	10	10	47.7
5	55.99	55.03	23.3	30.1	97	74	S	1	ESE	2	5	10	------
6	55.40	55.03	22.5	30.6	95	65	SSW	1	E	3	1	8	------
7	55.34	54.98	23	31	95	69	SW	1	ESE	2	10	4	------
8	55.72	54.95	22	29.5	96	70	SW	1	E	3	10	5	------
9	55.57	55.13	22	28.7	95	74	SW	1	SSW	1	1	8	52.6
10	56.46	55.99	22.7	29.6	97	70	Calm		Calm		10	10	4.1
11	56	55.56	22	30	96	71	SW	1	ESE	2	0	10	------
12	55.59	54.98	21.6	29.2	96	69	S	2	SE	2	0	10	7.1
13	56.39	55.04	22.5	30.2	96	69	SSW	1	E	3	10	10	------
14	55.40	54.09	22.5	31.5	96	66	SSW	1	E	1	10	10	7.4
15	54.30	54.09	24	26.6	96	91	ENE	2	ENE	2	10	10	41.9
16	54.44	53.43	23.7	28.5	97	78	Calm		E	2	10	8	36.6
17	54.65	54.55	23.8	26	97	87	Calm		Calm		10	10	30
18	54.17	53.41	23	28	96	80	Calm		E	2	10	9	34.8
19	54.74	54.73	24.1	27.3	96	81	W	1	NW	1	10	10	5.6
20	55.34	54.98	22.2	28.5	97	78	SW	1	SW	1	10	10	34.3
21	56.46	55.15	22.5	30.3	96	72	SW	2	E	2	10	7	2.5
22	56	55.04	23.8	30.1	96	69	W	1	ESE	1	10	10	12.1
23	56.34	55.22	22.8	28.5	97	77	W	1	S	1	10	10	------
24	56.31	55.38	21	30.6	95	63	SW	1	SE	1	5	10	------
25	56.97	56.27	21.9	27.6	96	80	W	1	ESE	1	10	10	9.4
26	56.20	54.97	22.5	28.9	96	74	SW	1	ESE	1	10	10	3.4
27	56.21	54.37	22.6	29.4	96	70	WSW	1	E	1	10	10	------
28	55.06	54.31	22.5	26.4	96	90	SW	2	Calm		10	10	279.4
29	54.66	54.25	20	24.1	95	94	Calm		ESE	1	10	10	146
30	54.75	54.42	23.5	24	97	96	Calm		ESE	1	10	10	33.4
31	55.36	55.21	22.9	26.8	97	84	Calm		W	1	10	9	11
Mean	55.63	54.92	22.6	28.5	96.1	76.6	0.9		1.5		8.4	9.3	------
Total	------	------	------	------	------	------	------		------		------	------	809.1

MAASIN.

[ϕ=10° 08′ N; λ=124° 50′ E; barometer above sea, 7.3 meters; gravity correction not applied, —1.85 mm.]

JANUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.		Wind, direction and force (0–12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*					*0–10.*	*0–10.*	*mm.*
1	55.29	53.83	22.2	25	93	92	NW	3	W	3	10	10	64.7
2	55.87	55.22	24.8	26.5	90	85	SW	3	SW	3	10	10	------
3	57.36	56.60	25.6	30	92	85?	SW	2	S	1	10	10	------
4	59.57	58.38	24.5	31	91	77	N	1	SE	2	10	10	------
5	60.30	58.16	24	32.5	96	69	N	1	NE	3	10	8	------
6	60.04	58.45	24	31.8	91	72	N	1	NE	1	10	10	12.7
7	60.22	58.45	23.8	29.8	93	78	N	1	NE	2	10	10	------
8	60.41	59.23	24	30	93	74	N	1	NE	1	10	10	------
9	61	59.35	24.4	28	92	85	N	1	NE	1	10	10	------
10	61.84	59.25	24	29.5	91	79	N	1	S	1	10	10	------
11	61.23	59.18	24.5	29.8	91	78	N	1	NE	1	10	10	11.2
12	59.97	58.83	23.8	25	93	87	N	1	NW	1	10	10	60.4
13	58.29	57.03	23.4	26	93	87	N	1	N	1	10	10	51.6
14	56.19	52.81	23.6	24.9	95	92	N	1	NW	3	10	10	120.9
15	52.84	53.02	25.6	28.6	95	88	SW	4	SW	4	10	10	24.9
16	54.48	52.28	24.5	24.5	94	96	SW	3	NW	5	10	10	61.8
17	56.67	56.22	23.8	25	93	83	NW	2	NW	2	10	10	------
18	58.39	57.25	23.6	27.6	90	84	NW	1	W	1	10	10	------
19	58.64	57.60	23.6	27.5	90	88	N	1	NW	1	10	10	------
20	59.20	57.52	23.2	27.6	94	81	N	1	N	1	10	10	15.2
21	58.22	56.44	22.6	24.1	95	91	NW	1	NW	2	10	10	19.6
22	55.82	54.93	24.4	27.8	93	87	N	1	NW	1	10	10	17.5
23	55.92	54.43	24	29	91	78	N	1	NW	1	10	10	19.8
24	56.09	55.24	23.5	25	94	87	N	1	N	1	10	10	33
25	57.82	56.66	23.1	25.5	96	92	N	1	W	1	10	10	32.5
26	57.87	56.46	24.4	28.4	91	77	N	1	NE	1	10	10	26.9
27	57.21	55.78	24.4	28.2	92	82	N	1	NE	1	10	10	------
28	57.87	55.76	24.5	30.2	91	80	N	1	NE	2	10	10	------
29	57.49	55.37	25	30.8	92	78	N	1	NE	1	10	8	------
30	57.53	55.53	23.4	30.6	91	77	N	1	S	1	10	5	------
31	57.22	55.52	23.4	31.5	95	66	N	1	NW	1	8	5	------
Mean	57.96	56.48	24	28.1	92.6	82.3	1.4		1.6		9.9	9.5	------
Total	-----	-----	-----	-----	-----	-----	--------		--------		-----	-----	572.7

FEBRUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.		Wind, direction and force (0–12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*					*0–10.*	*0–10.*	*mm.*
1	57.09	56	24.4	30.4	91	80	N	1	S	1	8	10	------
2	57.82	55.72	24.5	32	96	71	N	1	NE	1	10	5	------
3	57.74	56.69	24.5	33	91	70	N	1	S	1	10	8	------
4	58.52	57.48	24.8	32.5	89	69	N	1	S	1	8	8	------
5	58.67	57	24.5	32.1	92	71	N	1	S	1	10	5	------
6	58.31	56.96	24.2	30.5	97	68	N	1	S	1	8	7	------
7	57.33	56.88	24.5	32	94	69	N	1	S	2	8	5	------
8	57.52	56.65	24	32.5	90	68	N	1	W	1	6	5	------
9	59.36	58.15	21	31.5	86	51	N	1	W	1	10	6	------
10	59.44	59.22	22	31.8	91	55	N	1	W	2	10	6	------
11	59.89	58.65	23	27.5	90	84	N	1	W	1	10	10	24 4
12	60.03	58.92	24.5	28	78?	83	N	1	E	2	10	10	------
13	59.47	58.95	24.3	29.8	98	69	N	1	NE	2	10	10	------
14	60.74	58.90	24	30.8	95	67	N	1	NE	1	10	6	------
15	59.82	59.03	23	30.7	90	61	N	1	NE	2	10	8	------
16	59.52	57.70	24.5	30	92	70	N	1	W	1	10	8	------
17	59.35	57.69	23	29	91	71	N	1	W	1	10	10	6.4
18	58.21	55.98	23.8	28.4	95	77	N	1	W	1	10	10	18.8
19	57.09	55.08	23	27.6	91	84	N	1	W	1	10	10	23.6
20	57.19	55.28	24.4	30	95	74	N	1	E	2	10	10	47.
21	56.82	56	25.5	29.7	89	76	N	1	E	2	10	10	------
22	58.27	56.69	24.2	29.5	91	78	N	1	E	3	10	10	9.9
23	58.04	56.99	23.2	31	93	62	N	1	E	1	10	10	------
24	58.16	57.05	23	30.1	91	75	N	1	W	1	10	10	------
25	58.64	56.70	22.4	29.5	91	75	N	1	W	1	10	10	------
26	57.75	56.33	22.2	28.7	94	76	N	1	W	1	10	10	------
27	57.45	56.13	22.7	31	90	69	N	1	W	1	10	10	------
28	57.52	55.67	24.5	29	87	71	N	1	NW	1	10	10	15.7
29	57.81	56.12	25	28	95	88	N	1	NW	1	10	10	78.7
30	-----	-----	-----	-----	-----	-----	--------		--------		-----	-----	------
31	-----	-----	-----	-----	-----	-----	--------		--------		-----	-----	------
Mean	58.38	56.99	23.7	30.2	91.3	71.8	1		1.3		9.6	8.5	------
Total	-----	-----	-----	-----	-----	-----	--------		--------		-----	-----	224.5

MARCH.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.		Wind, direction and force (0–12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*					*0–10.*	*0–10.*	*mm.*
1	58.08	57.42	24.5	26	91	88	N	1	NW	1	10	10	51.3
2	58.88	57.67	22.8	29.5	93	75	N	1	W	1	10	10	------
3	59.04	58.67	23	26	91	94	N	1	E	3	10	10	113.8
4	59.92	58.64	23	29.4	95	76	N	1	W	1	10	10	------
5	60.18	58.37	23.5	27.6	92	84	N	1	N	1	10	10	10.2
6	58.58	56.20	23	30	91	71	N	1	S	1	10	10	48.3
7	58.09	56.55	24.6	29.5	92	80	N	1	S	2	10	8	------
8	59.19	57.45	24	31	91	72	N	1	S	1	8	7	------
9	59.72	58.22	22.5	30.8	96	78	N	1	S	1	8	8	------
10	58.35	57.25	22.8	28.2	94	80	N	1	W	1	10	10	------
11	58.38	57.57	22.5	28	92	77	N	1	S	1	10	8	------
12	58.99	57.77	23.4	30	96	77	N	1	W	1	10	10	7.9
13	59.61	58.53	24.5	31.2	96	67	N	1	E	2	10	8	------
14	58.89	57.49	22.9	27.6	92	79	N	1	E	2	10	10	28
15	58.28	57.03	23.3	25.4	96	92	N	1	W	1	10	10	43.7
16	58.85	57.32	23	29	91	78	N	1	E	2	10	10	10.2
17	59.56	58.40	23.9	29.2	92	79	N	1	S	1	10	9	3
18	59.77	57.84	23.4	30	93	78	N	1	NW	1	10	10	------
19	59.32	57.87	24.1	28.6	95	78	N	1	E	2	10	10	7.4
20	58.90	58	25.1	29.8	91	79	N	1	E	2	10	9	------
21	58.99	58.56	24.8	30.4	93	80	N	1	W	1	10	10	------
22	59.87	59.08	24.4	30.5	95	78	N	1	S	1	10	10	------
23	60.27	59.08	24.5	31.5	91	75	N	1	E	2	10	7	------
24	61.15	59.84	23.9	31.5	92	74	N	1	NE	2	10	10	------
25	60.99	59.18	24.2	30.5	95	74	N	1	NE	2	10	10	22.4
26	61.22	59.22	23.5	29.5	96	76	N	1	W	1	10	10	20.9
27	60.12	58.93	25.2	30.4	86	76	NE	2	E	3	10	10	------
28	60.41	58.23	23.8	31.5	91	72	N	1	E	1	10	8	------
29	59.64	57.33	24	31.1	94	71	N	1	S	1	10	9	12.4
30	59.04	56.85	24.5	32	96	71	N	1	E	1	10	8	------
31	58.14	56.65	24.4	31.6	91	72	N	1	W	1	10	8	------
Mean	59.37	57.97	23.8	29.6	92.9	77.5	1		1.4		9.9	9.3	------
Total	-----	-----	-----	-----	-----	-----	--------		--------		-----	-----	379.5

APRIL.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.		Wind, direction and force (0–12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*					*0–10.*	*0–10.*	*mm.*
1	57.97	56.34	24	30	91	75	N	1	S	1	10	10	------
2	57.90	57.55	22.5	32	96	72	N	1	W	2	10	10	------
3	60.09	58.74	24	31.8	91	72	N	1	S	1	8	8	------
4	60.09	58.68	24.4	29.8	90	78	N	1	S	1	10	10	------
5	60.55	59.29	24	32.4	93	65	N	1	S	1	8	8	------
6	60.67	59.88	24.4	30.5	91	74	N	1	W	1	10	10	21.3
7	61.59	59.72	24	28.8	96	76	N	1	S	1	10	10	46.3
8	61.49	59.03	23.5	29.3	94	76	N	1	W	1	10	5	------
9	60.71	59	24.2	29.6	95	64	N	1	W	1	10	10	5.8
10	60.35	58.36	24	31.8	91	72	N	1	S	1	10	9	------
11	59.57	57.65	24	30.6	95	72	N	1	NE	2	10	10	11.7
12	59.59	58.35	24.3	30.8	94	73	N	1	NE	2	10	8	------
13	59.74	58.68	24.5	30.5	91	76	N	1	S	1	10	8	------
14	59.69	58.54	24.5	30	92	77	N	1	S	1	10	10	------
15	58.64	56.73	24.6	30.6	93	76	N	1	W	1	10	10	------
16	57.68	55.91	24.6	30	95	73	N	1	W	1	10	10	12.2
17	55.52	54.40	25.1	30	95	71	WNW	3	W	2	10	10	10.2
18	56.72	55.09	25.2	29.8	95	74	W	1	SW	2	10	10	------
19	56.78	55.54	25	30.5	96	75	N	1	SW	2	10	10	24.9
20	56.82	55.28	24	28.8	91	79	N	1	S	1	10	10	12.7
21	57.10	55.89	25	30	92	74	N	1	S	1	10	8	------
22	57.42	56.26	25	31	93	69	N	1	S	1	8	7	------
23	56.79	56	25	32	93	66	N	1	S	1	10	6	------
24	57.07	55.52	25	33	92	70	N	1	E	2	7	5	------
25	57.34	56.35	24.8	33.5	92	69	N	1	S	1	10	6	------
26	58.27	57.25	25	29.6	92	74	N	1	S	1	10	10	19.5
27	57.79	57.55	24.6	26.5	92	86	N	1	NW	1	10	10	21.6
28	58.29	56.69	25	30	92	77	N	1	S	1	10	8	------
29	58.32	57.19	24.4	29	84	81	N	1	W	1	10	10	------
30	58.24	57.15	25	29.5	93	76	N	1	W	1	10	10	------
31	-----	-----	-----	-----	-----	-----	--------		--------		-----	-----	------
Mean	58.63	57.29	24.5	30.4	92.7	73.7	1.1		1.2		9.7	8.8	------
Total	-----	-----	-----	-----	-----	-----	--------		--------		-----	-----	186.2

MAASIN.

[ϕ=10° 08′ N; λ=124° 50′ E; barometer above sea, 7.3 meters; gravity correction not applied, —1.85 mm.]

MAY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12) 6 a. m.		Wind, direction and force (0–12) 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*					*0–10.*	*0–10.*	*mm.*
1	58.47	56.71	23.6	28.9	96	78	N	1	W	1	10	10	11.4
2	57.54	56.36	24	26	91	98?	N	1	NW	2	10	10	115.5
3	55.59	54.84	23.9	26.2	97	90	SW	2	SW	4	10	10	7.9
4	57.15	56.55	25.4	27	93	86	SE	2	S	1	10	10	------
5	57.57	56.87	25.5	27.1	96	87	SE	2	SE	2	10	10	8.9
6	57.84	55.44	24	29.8	91	79	N	1	W	1	10	8	------
7	57.42	56.31	24.5	32	96	74	N	1	SE	1	10	8	------
8	58.82	57.78	24.4	31.3	88	77	N	1	S	1	10	7	18.8
9	59.54	58.83	24.4	30.6	92	74	NE	1	S	1	10	9	------
10	59.37	58.40	25	31	92	75	N	1	S	1	8	8	------
11	59.07	56.99	24.6	33	95	73	N	1	S	1	10	8	------
12	58.71	57.35	24.5	33.2	94	68	N	1	S	1	6	5	------
13	58.78	56.63	24.8	32.5	93	68	N	1	SE	1	10	5	17.8
14	58.67	56.20	24.8	30.4	95	73	N	1	S	1	10	10	------
15	57.39	55.60	24.4	31.6	92	70	N	1	SE	2	10	9	------
16	58.27	57.45	25	32	88	72	N	1	E	2	8	8	------
17	59.27	58.29	25.1	31	92	71	N	1	S	1	10	10	14.2
18	59.17	57.06	24.1	31	95	79	N	1	E	2	10	10	------
19	58.24	56.81	24.8	31.1	93	78	N	1	E	2	6	6	------
20	58.12	56.70	24.6	31.5	92	74	N	1	E	2	5	6	------
21	58.09	56.72	25	32	95	74	N	1	S	1	8	8	------
22	57.72	56.14	24.4	31.7	91	78	N	1	W	2	10	8	------
23	57.38	56.60	25	31.5	90	73	N	1	W	1	7	10	5.6
24	57.56	56.39	24.5	30.2	96	80	N	1	W	1	10	10	6.6
25	57.11	56.15	25.2	28.5	93	88	N	1	NW	1	10	10	34.8
26	56.47	56.42	24.8	27.6	95	87	SSW	2	E	2	10	10	58.7
27	57.18	55.25	24.4	31	92	81	N	1	E	2	10	8	------
28	57.05	55.70	25.2	30.2	93	81	N	1	E	1	10	10	------
29	56.93	55.80	24.5	31.6	96	77	N	1	S	1	10	8	------
30	57.73	56.71	25	30.9	92	76	N	1	S	1	8	10	------
31	57.86	57.21	25.1	31.8	93	74	N	1	SE	2	10	8	------
Mean	57.94	56.65	24.7	30.5	93.1	77.8	1.1		1.5		9.2	8.6	------
Total	-----	-----	-----	-----	-----	-----	----------		----------		-----	-----	300.2

JUNE.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.		Wind, direction and force (0–12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*					*0–10.*	*0–10.*	*mm.*
1	58.07	56.61	25	30.6	92	76	N	1	SE	1	10	7	------
2	57.12	55.63	24.7	32	94	78	N	1	S	1	6	7	------
3	57.04	55.95	24.8	31.8	94	71	N	1	SE	2	8	10	------
4	57.08	55.91	25.1	32.8	94	69	N	1	S	1	10	8	------
5	57.41	55.73	25.2	31.9	95	68	N	1	S	1	10	10	11.4
6	56.67	55.08	25	31.5	93	74	N	1	SE	2	10	10	------
7	56.42	55.25	25.2	30.5	90	75	N	1	S	1	10	8	------
8	55.69	54.72	24.6	31.1	95	78	N	1	SE	1	10	10	41.9
9	56.07	54.85	23.6	30	91	74	N	1	S	1	10	10	------
10	56.16	55.14	25	31	92	69	N	1	S	1	10	8	26.7
11	56.96	54.61	25	32.5	92	69	N	1	S	2	10	10	------
12	55.87	54.31	26	30.6	92	77	SW	1	SW	2	10	10	------
13	55.30	54.25	27	31	92	79	SW	1	SW	2	10	10	3
14	56.17	55.65	25.5	32	92	70	SW	1	SE	1	10	10	------
15	56.68	55.59	26	31.5	92	75	SW	1	SW	2	10	10	------
16	56.35	55.03	25	31.8	92	70	SW	1	SE	2	10	10	------
17	56.30	54 78	25.5	31	93	77	SE	2	SW	2	10	10	7.6
18	57.02	56.29	24.8	27.5	95	87	N	1	NW	1	10	10	53.8
19	57.47	57.30	24	29.2	95	79	SW	1	SW	2	10	10	------
20	58.23	56.50	25.8	29	93	83	SW	1	SW	1	10	10	------
21	57.70	56.51	25.5	30.5	93	78	N	1	E	2	10	10	13
22	58.24	57.30	24.1	30.2	92	78	N	1	SE	1	10	10	------
23	58.92	58.10	23.5	31	96	75	N	1	S	1	10	10	------
24	59.58	58.18	24	32	91	72	N	1	W	1	10	8	------
25	60.17	58.68	24.2	33	91	70	N	1	S	2	10	5	------
26	59.77	58.08	26	31.9	88	69	N	1	S	1	10	10	------
27	59.91	58.15	25	32.1	92	69	N	1	SW	2	10	10	23.6
28	59.63	58.27	24.1	28	92	85	N	1	NE	1	10	10	21.6
29	59.49	58.06	24.5	29.1	91	80	N	1	W	1	10	10	5.6
30	59.54	57.50	24.6	31	95	79	N	1	S	1	10	6	9.7
31	-----	-----	-----	-----	-----	-----	----------		----------		-----	-----	------
Mean	57.57	56.27	24.9	30.9	92.6	75.1	1		1.4		9.8	9.2	------
Total	-----	-----	-----	-----	-----	-----	----------		----------		-----	-----	217.9

JULY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12) 6 a. m.		Wind, direction and force (0–12) 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*					*0–10.*	*0–10.*	*mm.*
1	57.89	56.80	23.8	29	89	82	N	1	NE	1	10	8	------
2	58.13	56.93	24	28.8	91	80	N	1	S	1	10	10	------
3	57.69	56.85	24	28	93	77	N	1	S	1	10	10	26.9
4	58.51	57.98	24.2	28.5	94	78	N	1	E	1	10	10	------
5	59.44	58.81	24.5	29.8	92	77	N	1	SE	1	10	10	------
6	59.62	58.80	24	29.5	91	78	N	1	NE	1	10	10	------
7	59.47	58.08	24.5	30	92	77	N	1	W	1	8	8	------
8	59.36	57.80	24.6	29.8	92	79	N	1	S	1	10	8	------
9	58.82	57.59	25	31.5	95	75	N	1	S	2	10	6	------
10	58.89	57.93	25	29.5	95	81	N	1	W	1	7	10	------
11	59.02	57.60	25	32	94	78	N	1	E	2	10	9	------
12	58.75	57.75	25.5	31.7	92	68	N	1	W	1	10	10	------
13	58.97	58.14	25.5	32	92	76	N	1	E	2	10	8	17.5
14	58.47	58.28	24.4	32.5	92	73	N	1	E	2	10	10	------
15	58.50	57.03	25.6	29.5	88	81	N	1	W	2	10	10	------
16	57.32	55.90	24.8	29	92	83	N	1	SE	2	10	10	------
17	56.67	56.16	24.6	29.2	93	79	N	1	S	1	10	10	9.7
18	57.73	56.68	24	30	91	78	N	1	S	1	10	10	------
19	57.66	56.63	24.6	31.5	95	72	N	1	S	1	8	10	------
20	57.43	56.05	25	31	93	77	N	1	S	1	8	5	21.1
21	57.74	56.30	25	32.5	92	76	N	1	S	1	10	5	------
22	57.74	56.61	24.1	31.5	95	79	N	1	S	1	10	5	44.4
23	56.31	55.43	25.5	33	96	76	N	1	S	2	10	8	------
24	56.70	55.92	27.5	33	88	76	SW	2	SW	2	10	10	------
25	57.36	56.53	26.8	32.2	94	71	N	1	SW	2	10	9	------
26	57.57	56.40	26	31	94	76	N	1	SW	2	10	8	------
27	57.21	56.48	26	31.5	92	74	N	1	SE	2	10	7	------
28	57.12	56.67	26.8	33	92	73	SW	2	SE	2	10	10	------
29	57.42	56.78	26.4	31.8	94	78	SW	2	SW	2	10	7	4.8
30	57.25	56.14	24.6	32.6	95	70	N	1	S	1	10	10	------
31	57.59	56.23	24.6	33	95	76	N	1	SE	1	10	7	14.7
Mean	58.01	57.01	25	30.9	92.7	76.6	1.1		1.4		9.7	8.6	------
Total	-----	-----	-----	-----	-----	-----	----------		----------		-----	-----	139.1

AUGUST.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.		Wind, direction and force (0–12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*					*0–10.*	*0–10.*	*mm.*
1	58.49	57.13	24.2	32.8	95	73	N	1	S	1	8	6	------
2	58.47	57.20	24.5	32	94	76	N	1	S	1	10	7	29
3	59.44	57.79	24.5	32	96	74	N	1	S	1	10	7	------
4	59.71	58.65	25.5	31.8	93	71	N	1	SE	2	10	5	87.4
5	59.47	58.47	24.8	31	93	77	N	1	W	1	10	10	8.9
6	59.29	58.66	24.2	32	94	74	N	1	S	1	10	10	------
7	59.69	58.22	24.5	32.5	92	69	N	1	S	1	10	10	------
8	59.47	58.27	24.4	32.2	91	70	N	1	SE	2	10	10	------
9	58.95	56.58	25.4	33.2	93	70	N	1	SW	3	10	8	------
10	57.88	55.92	26	33	94	70	SW	3	SW	3	10	10	------
11	57.32	55.48	26.6	31.8	95	75	SW	3	SW	3	10	8	------
12	57.12	56.23	26.6	31	92	79	SW	3	SW	4	10	10	------
13	57	56.32	27	30.5	92	75	SW	2	SW	3	10	10	27.2
14	58.37	57.83	25	29.8	92	81	NW	1	SE	2	10	10	8.4
15	59.81	58.80	25	30	93	85	N	1	SE	1	10	8	------
16	59.78	58.08	24.8	31	93	79	N	1	S	1	10	8	78.7
17	59.09	57.63	24	31	91	81	N	1	SE	1	10	10	------
18	59.52	57.62	24.4	31.5	93	74	N	1	SE	1	10	8	------
19	59.87	58	24.8	32	93	67	N	1	SE	1	10	10	18.8
20	59.35	57.36	25.4	31.8	93	71	N	1	S	1	10	10	------
21	59.49	58.21	24.8	32.2	95	78	N	1	SE	2	10	10	------
22	59.83	58.40	25	32.5	92	75	N	1	SE	2	10	10	------
23	59.77	57.52	24.4	32.2	97	70	N	1	E	2	10	10	------
24	57.95	57.05	25.1	33.8	91	70	N	1	S	2	10	10	------
25	57.82	57.15	25.6	32.2	91	61	N	1	E	3	8	10	------
26	59.67	58.19	24.6	29.5	95	77	N	1	NE	1	10	10	------
27	57.84	56.35	25	30.8	93	72	N	1	SW	1	8	10	------
28	57.47	56.23	24.5	30.5	94	75	N	1	S	1	10	10	11.4
29	57.82	57.04	24	31	93	75	N	1	S	1	10	10	------
30	58.60	57.79	24	31.2	91	76	N	1	S	1	10	6	------
31	59.87	57.58	24.6	30.8	92	72	N	1	S	1	10	8	------
Mean	58.85	57.48	24.9	31.6	93.1	73.9	1.2		1.6		9.8	9	------
Total	-----	-----	-----	-----	-----	-----	----------		----------		-----	-----	269.8

MAASIN.

[ϕ=10° 08′ N; λ=124° 50′ E; barometer above sea, 7.3 meters; gravity correction not applied, —1.85 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	59.17	57.78	24.2	31	95	71	N 1	S 1	10	10	34.5
2	58.52	56.90	23.8	31.2	93	67	N 1	S 1	10	10	------
3	57.03	56.03	24.6	31.3	92	70	N 1	SE 1	10	10	------
4	56.91	55.88	24.8	32.8	92	70	N 1	SE 2	10	10	------
5	57.47	56.94	25.5	31.1	94	73	SE 2	SE 3	10	10	------
6	58.40	56.65	24.6	33	92	75	N 1	SE 2	10	10	------
7	57.86	56.08	25.1	30.6	91	74	N 1	NW 1	10	10	------
8	58.23	57	24.5	29.8	94	73	N 1	W 1	10	10	------
9	57.67	56.57	24.6	29.5	92	75	N 1	W 1	10	10	15.3
10	57.94	56.85	24.4	30.6	95	74	N 1	S 1	10	10	36.3
11	59.34	57.89	23	30.7	93	71	N 1	SSW 1	10	10	------
12	59.82	57.65	25	30.5	92	74	W 2	W 1	10	10	------
13	58.63	56.60	24	29.2	95	74	N 1	W 1	10	10	24.4
14	57.04	56.24	23.6	29	93	83	N 1	SW 2	10	10	33.8
15	57.67	56.65	24.2	31.5	91	77	N 1	S 1	10	10	------
16	57.99	56.73	24.6	30	95	82	N 1	S 1	10	10	------
17	57.72	55.70	24.4	33	88	73	N 1	S 1	10	10	------
18	57.18	55.53	25	33.2	96	70	N 1	SE 2	10	8	------
19	57.32	55.52	25.5	31	93	81	N 1	SW 2	10	8	11.2
20	57.57	56.09	26.8	32	92	82	SW 2	SSW 2	10	10	------
21	56.60	54.98	26	33	92	76	N 1	S 2	10	10	------
22	57.25	54.71	25	29	92	81	SW 4	SW 3	10	10	------
23	56.22	54.40	26.8	29	94	85	SW 4	SW 4	10	10	------
24	55.55	54.85	27.2	28.5	90	84	SW 2	SW 4	10	10	31.7
25	56.82	55.31	25.5	29.2	96	80	N 1	SE 1	10	10	------
26	56.77	55.98	25	31	95	75	N 1	S 1	10	10	------
27	58.12	56.28	25.8	32	93	78	N 1	W 1	10	10	------
28	57.07	56.04	24.6	32	95	71	N 1	SW 1	10	10	------
29	56.29	56.01	24.5	32.5	92	73	N 1	SE 1	10	10	------
30	58.14	57.18	24.4	33.5	91	70	N 1	SE 1	10	8	------
31											
Mean	57.61	56.23	24.9	31	92.9	75.4	1.3	1.6	10	9.8	------
Total											187.2

OCTOBER.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	58.60	56.80	25	34	98	70	N 1	SE 2	10	7	------
2	58.47	56.83	25.1	31	92	81	N 1	S 1	10	8	49.5
3	58.81	57.72	25	28	92	85	E 2	NW 1	10	10	8.4
4	58.90	57.93	25.1	33.2	92	74	N 1	S 1	10	7	------
5	59.27	57.85	25.4	33.8	90	73	N 1	S 1	10	10	------
6	58.10	56.55	25.2	32.5	93	76	N 1	S 1	10	10	------
7	57.62	55.88	24.4	32.8	95	71	N 1	W 1	10	8	------
8	57.85	56.54	25	32	93	72	N 1	W 1	10	10	------
9	58.86	57.45	24.6	32	95	82	N 1	SE 1	10	10	------
10	59.88	57.65	25	33.9	93	73	N 1	E 1	8	8	------
11	59.85	56.62	25.5	31.8	92	74	N 1	S 1	10	9	------
12	57.76	56	24.5	32.6	94	68	N 1	NW 1	5	8	------
13	57.95	56.54	25.2	32	92	80	N 1	NW 1	10	10	7.6
14	57.95	56.33	25.4	31	92	76	N 1	E 3	10	10	16.8
15	56.89	55.26	24.5	29.5	91	81	N 1	N 1	10	8	------
16	57.66	55.55	25	30	92	78	N 1	E 2	10	10	7.1
17	58.11	55.90	25.2	30.5	93	80	N 1	S 1	10	10	10.2
18	57.90	56.22	25.4	32.5	93	76	N 1	SE 1	10	10	------
19	57.82	55.48	25.5	30	92	78	N 1	S 1	10	8	13.5
20	56.85	55.65	26	29.6	92	82	E 2	E 3	10	8	------
21	57.67	56.50	24.4	28.8	93	79	N 1	E 2	10	10	17.3
22	58.12	56.03	25.5	30.2	91	81	E 2	E 2	10	10	------
23	57.89	55.83	24.6	31.6	92	73	N 1	S 1	10	10	20.8
24	58.17	57.85	24.2	27.1	93	85	N 1	S 2	10	10	30.5
25	59.57	57.70	24	30	95	82	N 1	E 3	10	10	------
26	60.13	57.98	24	31	91	79	N 1	SE 1	10	8	8.9
27	59.43	56.64	23.8	31.2	93	67	N 1	SE 1	10	10	5.1
28	57.62	55.95	24.4	31.2	91	67	N 1	E 2	10	10	7.4
29	57.68	57.03	23.5	29.5	91	80	N 1	N 1	10	10	23.6
30	58.23	56.79	24	30.6	91	78	N 1	S 1	10	10	------
31	57.66	55.30	23.6	33.2	95	69	N 1	S 1	6	8	------
Mean	58.25	56.59	24.8	31.2	92.5	76.5	1.1	1.4	9.6	9.2	------
Total											226.7

NOVEMBER.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	56.49	54.61	24.5	33.8	89	68	N 1	S 1	5	8	------
2	56.67	55.48	24	30	91	80	N 1	S 1	10	10	------
3	57.76	56.04	24.8	31.5	93	72	N 1	S 1	10	10	------
4	57.34	55.03	25	32.5	93	67	N 1	S 1	10	10	------
5	56.89	54.95	23.1	33.5	90	73	N 1	NW 1	10	8	------
6	56.86	55.33	24.5	34	96	72	N 1	N 1	10	10	------
7	56.63	55.65	24.5	32.1	92	69	N 1	S 1	10	8	------
8	57.97	56.74	24.8	31	93	72	SE 2	S 1	10	10	5.6
9	58.24	57.11	24.4	28	91	92	E 2	NW 1	10	10	21.3
10	58.32	57.05	24	32	91	69	N 1	S 1	10	10	------
11	58.39	56.63	24.4	31.9	90	67	N 1	S 1	10	10	36.1
12	58.04	56.73	23.8	29	95	74	N 1	SE 2	10	10	19.6
13	58.14	57.31	23.6	29.5	95	75	N 1	NE 1	10	10	32.1
14	57.83	56.10	23.5	29.5	92	79	N 1	N 1	10	10	6.4
15	56.67	55.01	24.1	31.4	95	70	N 1	S 1	10	6	19
16	57.12	55.34	25	31.8	92	71	W 1	S 1	10	10	------
17	56.99	56.06	24.4	29	93	78	N 1	N 1	10	10	7.6
18	59.24	57.71	24.8	31	93	76	N 1	S 1	10	10	------
19	58.82	56.89	25	32.8	92	70	N 1	SE 1	10	10	------
20	58.31	56.54	25.1	33	92	64	N 1	S 1	10	9	------
21	58.37	56.63	25	32.5	92	72	N 1	S 1	10	8	11.4
22	59.43	57.24	24.6	28.5	93	78	N 1	N 1	10	10	------
23	58.84	57.19	24	29.5	91	75	N 1	S 1	10	10	------
24	57.69	56.99	23.5	32	92	70	N 1	S 1	10	10	------
25	56.98	55.78	23.8	32.5	93	68	N 1	S 1	10	10	------
26	55.15	53.45	24.8	30.1	93	64	N 1	W 1	7	10	18.3
27	54.97	53.41	25	29.5	93	76	N 1	NW 2	10	10	7.6
28	55.02	54.50	24.8	28.5	93	81	W 1	W 1	10	10	32.3
29	55.07	54.42	25	26.6	92	89	W 1	W 1	10	10	310.9
30	56.52	55.40	22.6	29	95	75	N 1	W 1	10	10	------
31											
Mean	57.36	55.92	24.3	30.9	92.5	73.5	1.1	1.1	9.7	9.6	------
Total											528.2

DECEMBER.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	56.57	54.42	22	27	91	84	N 1	NW 1	10	10	52.3
2	55.12	55.25	24	26.8	95	87	N 1	NE 1	10	10	------
3	57.36	56.10	25	32	92	72	N 1	E 2	6	8	------
4	58.16	56.41	24.4	30.5	92	75	N 1	S 1	10	10	------
5	56.98	55.40	24	29.5	91	73	N 1	W 1	10	10	13.5
6	55.96	55.49	22	28.2	91	83	N 1	NW 1	10	10	4.6
7	56.37	55.20	23	31.8	93	70	N 1	W 1	6	8	------
8	56.79	55.67	23.5	31.2	90	71	N 1	E 2	10	8	------
9	57.16	55.76	24.3	29.5	94	84	N 1	S 1	10	10	21.6
10	57.29	55.88	24	31.2	95	75	N 1	E 2	10	10	10.2
11	57.23	55.31	24	30.6	91	72	N 1	SW 2	10	8	18.2
12	56.79	55.65	24	28.8	93	78	N 1	W 1	10	10	29.2
13	56.87	55.05	23.2	29	95	78	N 1	S 1	10	10	42.4
14	56.82	55.15	24	28	93	79	NE 1	E 2	10	10	31.5
15	55.94	55.09	24	26.8	95	86	N 1	NE 1	10	10	24.9
16	56.32	54.42	23.6	29.5	95	75	N 1	E 2	10	10	------
17	56.17	54.46	24.5	27.4	96	85	N 1	E 2	10	10	19
18	56.57	54.38	24.4	30	93	75	N 1	E 2	10	8	------
19	56.89	55	24.4	30.6	91	72	N 1	E 3	10	8	------
20	56.96	55.38	23.6	31.5	91	70	N 1	NE 1	10	10	------
21	57.58	55.71	23.5	28.5	96	81	N 1	SE 1	10	10	------
22	57.79	55.07	23.6	28.6	91	82	N 1	S 1	10	10	14.7
23	57.17	55.70	21.5	31.5	94	69	N 1	S 1	10	8	------
24	56.69	55.67	23.4	27	90	86	N 1	NW 1	10	10	63.2
25	57.14	56.48	23.8	25.5	89	84	N 1	E 1	10	10	33
26	56.22	55.29	23.4	25.2	91	90	N 1	W 1	10	10	15.2
27	56.55	55.06	23	27.5	91	88	N 1	NE 2	10	10	7.1
28	57.19	55.44	24	29	93	79	N 1	NE 2	10	10	------
29	57.05	55.21	25.2	29.2	90	79	NE 1	E 2	10	10	------
30	57.47	55.77	24.6	29.2	92	81	N 1	SE 1	10	10	------
31	57.74	56.52	24.6	28.5	95	78	N 1	NE 1	10	10	------
Mean	56.87	55.40	23.8	29	92.5	78.7	1	1.4	9.7	9.5	------
Total											395.6

SAN JOSE BUENAVISTA.

[ϕ=10° 44′ N; λ=121° 55′ E; barometer above sea, 5.4 meters; gravity correction not applied, —1.84 mm.]

JANUARY.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	56.46	55.86	24	24.5	91	92	Calm	Calm	10	10	33.8
2	54.48	53.86	23.8	26.1	85	91	WNW 4	WNW 4	10	10	37.6
3	56.11	55.57	24	26	96	87	SSE 2	W 2	10	10	24.3
4	59.12	58.30	23.6	30	96	82	Calm	SSW 2	9	4	.3
5	59.67	58.93	23	29.6	96	77	NNE 1	WSW 1	3	9	------
6	59.41	58.70	21.9	31.4	92	70	NE 1	W 1	7	7	------
7	59.56	58.18	22	29.5	91	71	NE 0	W 1	4	9	------
8	59.85	59.48	22.5	27	92	88	N 0	Calm	5	10	3.1
9	60.68	59.25	22.5	30	96	72	N 1	W 1	5	10	.3
10	60.75	59.27	22.1	31.4	96	66	Calm	W 1	5	5	1.3
11	60.91	59.26	23.8	28.6	94	75	Calm	WNW 0	10	10	------
12	59.22	58.30	22.9	29.5	93	68	Calm	N 1	8	10	3.3
13	58.86	57.88	21.5	30.5	95	66	Calm	N 2	5	10	4.1
14	57.22	55.71	24.5	27.1	87	82	N 1	NNW 4	9	10	.3
15	54.85	54.80	25.5	26.4	90	86	NW 6	NW 4	10	10	10.2
16	55.77	55.22	25.2	28.6	87	70	N 4	N 4	10	10	------
17	56.96	56.59	23.6	28.4	86	65	NE 1	NNE 4	5	10	------
18	58.63	57.86	20.5	29.3	92	60	NE 1	WNW 1	10	10	------
19	59.05	58.55	20.1	29.4	91	62	Calm	NNW 2	10	9	------
20	59.10	57.66	19.6	27.9	94	60	N 0	NW 2	8	10	------
21	58.45	57.18	20	28.9	91	69	Calm	S 1	10	10	------
22	57.60	56.38	22.1	27	95	74	Calm	N 3	7	10	5.3
23	57.37	56.04	23.4	26.9	96	85	Calm	NNW 2	10	10	3.3
24	57.75	56.70	24.6	26.3	95	90	Calm	NNW 3	10	10	6.3
25	58.38	57.35	23.4	29.6	96	73	N 1	NNW 3	10	9	------
26	57.47	56.52	24	27.5	96	79	N 1	NNW 2	10	10	4.8
27	56.47	55.38	23.5	32.6	96	54	Calm	NNE 1	10	10	.3
28	56.55	55.52	24.4	30.5	92	69	Calm	W 1	10	10	------
29	56.56	55.22	23.5	29.6	92	77	Calm	WNW 1	9	8	29.7
30	57.01	56.50	23.8	28.7	97	78	Calm	WNW 1	3	10	------
31	56.57	55.88	23.2	29.5	95	75	Calm	W 2	5	7	------
Mean	57.96	57.03	23	28.7	92.9	74.6	0.8	1.8	8	9.3	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	168.3

FEBRUARY.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	56.65	55.92	23	30.4	96	72	Calm	WNW 1	6	7	------
2	56.77	56.42	23	29.3	96	81	NE 1	SW 1	4	10	6.6
3	57.27	56.97	23.9	31.7	93	71	Calm	SW 1	10	3	------
4	58.03	57.51	22.6	31.5	95	67	NNE 0	SW 1	2	9	7.9
5	58.01	57.77	24	31.2	91	75	Calm	WSW 1	10	5	.3
6	59.10	57.63	22.3	29.7	92	70	NE 1	NW 1	4	3	------
7	57.57	57.03	21.5	30.1	87	65	NE 0	NW 2	10	2	------
8	57.48	57.15	20.6	29.5	90	58	NE 1	NNW 1	2	2	------
9	59.35	58.95	18.1	28.6	84	60	NNE 1	NW 2	3	7	------
10	60.14	59.25	18	29.7	80	59	NE 1	W 1	6	6	------
11	59.57	58.95	19.9	30.4	91	60	NNE 1	WNW 1	5	10	------
12	58.83	58.70	22.5	28.6	90	71	Calm	NW 1	10	10	------
13	59.51	58.66	24	29.1	86	67	E 1	NE 1	10	10	2
14	60.18	59.14	23.4	30.6	88	64	Calm	NW 1	10	3	------
15	59.03	58.26	20.6	31.1	91	60	NNE 1	W 1	6	10	------
16	59.42	58.41	20.9	30.7	93	64	Calm	W 1	9	3	------
17	58.57	57.70	23.1	31.1	94	65	NNE 0	W 1	10	7	------
18	57.82	56.38	23.4	30.6	85	74	Calm	SW 1	10	10	25.4
19	57.52	55.74	23.9	26.1	97	88	Calm	Calm	10	10	3.6
20	56.37	55.35	23.5	29.8	96	73	Calm	W 1	10	10	17.3
21	56.30	55.15	24.7	27.5	95	81	Calm	NW 2	10	10	43.7
22	57.09	56.17	24.9	27.4	92	87	S 3	S 3	10	10	7.1
23	57.09	56.75	23.7	29.7	93	72	Calm	S 3	8	5	------
24	57.76	57.27	21.6	30.4	95	66	NNE 1	W 1	5	10	------
25	58.41	57.15	22	29.6	91	70	NNE 1	W 1	9	10	------
26	58.06	57.27	21.5	30	91	61	NE 1	NW 1	10	10	------
27	57.54	57.12	20.5	29.5	87	59	NE 1	NW 1	10	10	------
28	57.92	56.51	20.1	30.8	91	58	NE 1	NNW 2	10	8	------
29	58.03	57.32	23.2	29.6	90	74	Calm	NNW 3	10	10	.5
Mean	58.12	57 33	22.2	29.8	91	68.7	0.6	1.3	7.9	7.6	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	114.4

MARCH.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	58.35	58.42	24.5	25.6	95	91	Calm	Calm	10	10	15.5
2	57.97	57.48	21	31	95	62	Calm	SW 1	4	9	------
3	58.06	58.18	21.2	29.7	94	67	Calm	SW 1	9	10	------
4	59.52	58.93	23.1	29.7	95	69	Calm	W 1	8	10	------
5	59.63	58.48	22.5	29.2	92	73	Calm	Calm	6	10	------
6	58.32	57.06	22	30.8	91	69	NE 1	NW 2	3	8	------
7	57.48	56.70	22.6	31.7	91	65	Calm	W 2	4	2	------
8	58.37	56.73	23.6	31.1	95	69	Calm	W 1	5	7	------
9	58.96	58.15	23.5	32.6	92	68	Calm	W 1	10	10	------
10	58.51	57.36	21.6	30.5	94	69	NNE 1	NW 1	7	8	------
11	57.92	57.15	23	31.1	90	69	NNE 1	NW 1	7	8	------
12	58.33	57.41	22.5	31.5	92	63	Calm	WNW 1	8	8	------
13	59.02	58.30	23.5	29.4	91	75	Calm	NW 1	10	10	------
14	58.62	57.14	21.1	32.6	90	58	NE 1	W 1	4	8	------
15	57.84	56.18	20.5	30	77	60	Calm	SW 1	5	10	.5
16	58.03	56.95	23.5	31	87	69	Calm	SW 1	10	10	------
17	58.60	57.50	24.5	31.5	84	60	Calm	W 1	10	10	------
18	58.60	57.61	22	30.6	91	62	Calm	W 2	4	2	------
19	58.51	57.57	21.5	30.5	87	65	Calm	WSW 0	5	10	------
20	57.94	57.55	24.6	30.9	87	70	Calm	W 1	10	10	------
21	58.61	58.29	21.3	32.4	93	56	Calm	W 1	6	7	------
22	59.07	58.53	24.5	31.7	87	59	Calm	W 1	10	10	------
23	59.48	58.73	22.6	32.4	91	61	Calm	WNW 1	9	6	------
24	60.31	59.54	22.1	31.9	82	61	Calm	WSW 1	9	10	------
25	60.46	58.23	23.6	33.1	86	55	Calm	N 2	10	10	------
26	60.34	58.89	26	31	72	56	N 1	NW 2	10	10	------
27	59.38	58.83	22.5	31.5	84	62	Calm	WNW 2	6	7	------
28	59.67	58.33	23.1	32	82	57	E 0	NW 1	4	5	------
29	58.62	57.03	23	33.5	87	56	Calm	W 1	3	5	------
30	58.33	56.77	23	31.5	87	64	Calm	W 1	7	8	------
31	57.86	56.72	21.7	32.5	89	52	Calm	WNW 1	9	9	------
Mean	58.73	57.77	22.8	31.1	88.7	64.3	0.2	1.1	7.2	8.3	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	16

APRIL.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	57.28	56.58	22.1	31.5	87	69	NNE 0	SSW 2	10	9	------
2	57.84	57.53	21.8	32.5	84	60	NNE 1	W 2	8	5	------
3	59.81	58.96	20.5	32.5	82	61	NNE 1	SW 1	3	7	------
4	60.38	58.99	22.8	31.5	87	66	NNE 1	WNW 1	9	10	------
5	60.35	59.48	22	31.6	87	61	NNE 1	WNW 1	3	5	------
6	60.20	59.43	22	32.5	91	56	N 1	W 1	2	6	------
7	60.32	60.05	23.4	31.6	85	63	N 0	W 1	2	10	------
8	60.34	58.82	25.5	33.1	77	58	Calm	WSW 1	10	8	------
9	59.93	58.93	23.1	30.6	86	62	N 1	WNW 1	2	10	------
10	59.32	58.42	23	32.5	87	55	Calm	WNW 2	8	5	------
11	59.23	57.40	23	33	84	55	Calm	W 1	6	6	------
12	58.96	58.29	23.5	30.6	87	71	Calm	WSW 1	4	9	------
13	59.03	57.87	22.5	33	87	52	Calm	WNW 1	8	6	------
14	59.10	58.14	22	31.5	88	63	Calm	WNW 2	9	7	------
15	58.07	57.02	23.3	32	84	54	Calm	NW 1	10	10	------
16	57.73	56.74	22.6	33	82	55	Calm	W 1	10	10	------
17	56.58	55.77	25.5	30.1	84	71	Calm	NW 3	9	10	------
18	56.51	55.79	24	32.2	87	65	Calm	WNW 2	10	9	24.9
19	56.84	56.33	25.1	27.6	95	84	Calm	Calm	10	10	32.6
20	57.07	55.77	23.5	31	91	72	NNE 1	W 1	9	8	------
21	57.02	56	23.3	30.5	90	68	NE 1	W 1	5	8	------
22	57.40	56.24	22.5	31	90	69	NE 1	WNW 1	5	2	------
23	56.86	55.71	23.6	31.5	95	66	NE 0	W 1	7	5	------
24	56.70	55.58	24.1	31.6	91	68	NE 1	W 1	3	9	------
25	57.22	56.39	23.5	30.8	88	70	NE 1	WNW 1	1	9	7.4
26	58.02	57.04	23.6	31.1	90	71	NE 1	NW 2	10	6	------
27	57.91	57.26	23.5	31.1	87	71	NNE 1	W 1	9	10	------
28	58.10	56.72	24	32	87	66	NNE 1	NW 2	10	10	------
29	57.91	59.18	23.6	24.2	90	92	Calm	NNW 2	10	10	81.5
30	58.35	57.63	22.5	29.5	92	79	NE 1	Calm	10	10	.3
31	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------
Mean	58.35	57.47	23.2	31.2	87.4	65.8	0.5	1.3	7.1	8	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	146.7

SAN JOSE BUENAVISTA.

[ϕ=10° 44′ N; λ=121° 55′ E; barometer above sea, 5.4 meters; gravity correction not applied, —1.84 mm.]

MAY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	58.26	57.20	21.6	31.9	87	69	NNE 1	W 2	2	7	------
2	57.22	56.29	23.4	30.1	88	68	Calm	Calm	9	10	6.4
3	56.40	55.50	23.5	25	96	97	Calm	N 0	10	10	81.3
4	56.14	56.15	23.7	26.6	97	91	Calm	Calm	10	10	27.7
5	57.06	56.15	23.9	26	97	93	Calm	Calm	10	10	10.1
6	57.12	55.70	22.1	28.5	98	78	NNE 1	NNW 2	2	10	------
7	56.57	56.11	23.5	30.4	94	76	Calm	SW 3	4	9	43.7
8	58.36	56.80	23.6	29	98	81	NNE 1	SSW 3	10	10	8.1
9	58.22	58.02	23.8	28.1	90	73	ENE 1	SSE 4	10	10	1.5
10	58.51	57.78	23.8	28.5	93	81	Calm	S 3	4	9	------
11	58.51	56.67	24	32.1	89	69	N 1	SW 2	10	3	------
12	59.01	57.83	24	30.2	91	77	NNE 1	SW 1	10	10	------
13	58.41	57.32	24.1	31.5	91	72	Calm	SW 2	4	5	------
14	57.71	56.07	24	31.3	91	73	Calm	SW 2	5	7	------
15	56.45	55.49	24.5	31.5	92	70	Calm	WNW 2	10	8	------
16	57.88	57.58	25.5	31.1	91	75	Calm	WNW 1	10	10	1.5
17	59.05	58.31	24.1	28.6	95	85	Calm	E 1	9	10	1.5
18	58.57	57.03	23.5	31.7	91	65	Calm	W 1	10	8	2.3
19	57.78	57.35	25.5	26.5	92	89	Calm	E 0	10	10	1.3
20	58.03	57.25	23.5	32	91	66	NE 1	W 0	1	8	------
21	57.82	56.78	23.5	31.7	91	68	NNE 1	WNW 1	7	10	------
22	57.40	56.23	24	32.1	91	66	NE 1	WNW 1	4	9	------
23	57.10	55.96	24	32.5	86	64	NE 1	W 1	9	7	------
24	56.89	56.38	24.5	32	91	66	NE 1	N 1	6	10	------
25	56.77	56.25	24	33.1	92	63	NNE 0	W 1	5	5	10.2
26	56.20	55.53	25	27	92	95	Calm	Calm	10	10	10.7
27	56.16	55.17	26	29.6	88	74	SE 1	SSE 2	10	10	------
28	56.30	55.87	24.4	30.3	92	76	ENE 1	S 2	10	10	------
29	56.30	55.90	24.4	29.5	92	81	N 1	S 3	5	10	------
30	57.76	56.98	23.8	30	93	71	NNE 1	NNW 2	10	10	------
31	57.56	57.54	23.9	32.7	88	67	NE 1	SW 1	9	9	------
Mean	57.47	56.62	24	30	91.9	75.5	0.5	1.4	7.6	8.8	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	206.3

JUNE.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	57.72	56.69	23.5	31.5	89	68	NNE 0	NW 1	10	5	------
2	56.82	56.10	23.1	30.5	90	69	NE 1	NW 1	1	10	------
3	56.99	56.29	24.6	32.5	90	64	NE 1	NW 1	8	9	------
4	56.74	56.40	24.6	31.9	87	70	NE 1	WSW 2	8	9	4.1
5	57.31	56.14	24.1	27.1	94	91	Calm	Calm	10	10	2
6	56.55	55.21	24.4	29.4	93	81	Calm	Calm	10	10	------
7	56.03	55.79	24	28.4	91	79	NE 1	Calm	10	10	11.7
8	55.72	54.74	24.5	29.4	92	81	NE 1	SSW 2	8	10	10.7
9	56.13	54.59	23.5	28.5	96	82	Calm	SSW 2	10	10	10.2
10	56.56	54.52	24	31	96	75	NE 1	SSW 3	10	8	1.8
11	56.16	54.54	26.2	28.5	92	84	SSW 2	SSW 2	10	10	33.8
12	55.83	53.83	24	30.1	97	82	S 1	S 4	10	8	25.2
13	54.94	54.74	25.1	25.6	95	93	SSW 2	Calm	10	10	30.7
14	56.21	55.76	24	29.1	97	81	SSW 2	SSW 3	10	10	9.2
15	56.56	56.17	23.6	31	96	76	NNE 1	SSW 2	8	9	------
16	56.05	55.33	25.4	31	93	79	Calm	SW 3	10	6	------
17	56.27	55.28	24.9	29.5	92	85	Calm	Calm	10	10	------
18	56.71	56.41	25	25.6	92	95	Calm	WSW 2	10	10	118.7
19	57.67	57.36	23.5	27.7	97	85	Calm	W 1	10	10	14
20	58.11	56.73	23.5	30.6	96	74	NE 1	SW 1	10	10	1.5
21	57.55	56.49	24.4	27.5	93	88	NE 1	SSW 1	9	10	4.1
22	58.10	57.64	24.1	26.4	94	90	Calm	Calm	10	10	1.5
23	58.27	57.61	23.5	30.5	92	72	N 1	Calm	10	10	.8
24	58.87	58.75	23	28.4	87	85	NE 1	SE 1	10	10	.3
25	59.73	58.81	23.4	30.8	92	71	NNE 1	WNW 2	10	9	.3
26	59.76	58.42	23.5	31.8	92	74	Calm	SW 1	10	9	2.8
27	59.06	58.54	24	26.2	96	95	Calm	S 1	10	10	11.2
28	59.41	58.33	23.5	30	96	75	Calm	W 0	10	10	3.6
29	59.62	59.13	24.1	25.4	95	93	Calm	Calm	10	10	32.8
30	59.28	57.97	23.1	28.4	96	80	Calm	SW 2	10	10	------
31	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	------
Mean	57.36	56.48	24.1	29.1	93.3	80.6	0.6	1.3	9.4	9.4	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	331

JULY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	57.93	56.96	22.6	28.4	95	78	NE 1	Calm	5	10	------
2	58.16	57.06	23.9	27.4	89	85	Calm	Calm	10	10	18.3
3	57.55	56.96	22.1	28	96	85	NE 0	SSW 1	6	10	45
4	57.60	57.65	24.7	26.5	94	88	SSE 2	S 2	10	10	16.2
5	58.91	58.05	23.5	29.5	96	78	NE 1	SW 1	10	10	1.3
6	59.06	58.83	23.6	28.9	91	78	NE 1	Calm	10	10	1.3
7	58.95	58.48	22.5	27.2	92	87	NE 1	SE 2	8	10	------
8	58.65	56.99	22.9	31.6	92	68	NE 1	NW 1	10	5	------
9	58.55	57.09	24.5	32.5	88	69	NE 1	W 1	5	8	------
10	58.50	57.18	24.2	32.1	94	67	NE 1	W 2	3	4	2.8
11	58.47	58.71	23.6	24.6	95	93	NE 1	NE 1	10	10	27.7
12	58.17	57.44	23.5	31.4	94	70	NE 1	NW 2	6	9	3.3
13	58.46	57.75	23.1	30.1	95	71	Calm	NW 1	10	10	27.2
14	58.41	58.57	23.4	28.1	97	85	Calm	S 1	10	10	1.3
15	58.10	57.65	22.5	30.6	92	74	NE 1	NW 1	9	9	------
16	57.31	56.46	23.7	25.5	95	93	Calm	Calm	10	10	14
17	56.70	55.97	23.9	27.7	96	91	Calm	Calm	10	10	18.8
18	57.55	56.72	23.6	27.9	98	82	NE 1	S 3	10	10	.3
19	57.26	56.50	23.5	29.1	91	74	Calm	Calm	10	9	1.3
20	57.45	56.27	24	30.3	96	76	NNE 1	SW 1	8	9	------
21	57.61	56.51	23.6	30.5	91	69	Calm	NW 1	4	9	------
22	56.87	56.44	23.5	31.1	91	72	NE 1	W 1	1	2	------
23	56.25	55.68	24.5	32.4	92	68	NE 1	W 2	4	5	------
24	57.06	56.23	23.5	31.5	87	69	NE 1	NW 1	10	10	4.8
25	58.21	57.25	24.1	31.1	95	75	Calm	W 1	10	9	.3
26	57.71	56.87	24.5	30.5	94	68	Calm	WNW 1	10	5	38.9
27	57.35	56.66	24.5	31.5	92	77	NE 1	WSW 1	9	9	1.3
28	56.61	56.66	24	29	92	86	NE 1	SW 3	5	10	7.6
29	57.27	56.71	23.5	27.5	95	81	Calm	NW 1	9	10	2
30	56.86	56.33	23.5	29.9	92	79	NE 1	Calm	6	10	------
31	56.95	56.57	24.4	27.8	89	90	NE 1	S 2	7	10	24.6
Mean	57.76	57.07	23.6	29.4	93.1	78.3	0.7	1.1	7.9	8.8	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	258.8

AUGUST.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	58.08	57.85	23.1	29.2	95	81	NE 1	SSW 1	5	10	0.3
2	58.37	58.22	23.6	30.3	91	79	NE 1	SW 1	7	8	------
3	59.11	58.37	24.3	29.7	93	77	NE 1	Calm	7	9	4.1
4	59.84	59.09	25.1	31	95	75	Calm	SW 1	7	10	38.6
5	60.61	59.23	24.5	29.1	95	80	SSW 4	SSW 3	10	10	1.3
6	59	58.22	24.9	30.8	89	75	Calm	S 3	10	9	------
7	59.19	58.62	24.1	31	91	75	NNE 1	SW 2	9	9	------
8	59.51	58.34	23.5	31.4	91	78	NE 1	SSW 2	9	9	4.8
9	58.82	57.32	24.7	31	95	75	SSW 2	SW 3	10	10	------
10	56.77	56.52	27.7	30.2	87	80	SW 2	SSW 3	10	10	1.3
11	56.47	55.80	25	27.8	96	83	SSW 4	S 2	10	10	52
12	56.38	56.06	25.1	30.6	96	81	E 1	S 2	10	8	------
13	56.27	56.61	27.6	29	87	85	S 3	SW 2	10	10	18.5
14	58.56	58.31	23.6	30	96	82	Calm	SW 2	10	7	9.4
15	59.76	59.18	24	29	97	80	Calm	SW 1	9	10	2.3
16	60.08	58.56	25.5	30.2	88	70	S 3	NNW 1	10	9	6.4
17	58.85	58.30	24.5	29.4	96	79	Calm	SSW 1	10	10	.3
18	58.74	58.23	27.1	28	87	85	S 3	Calm	10	10	6.4
19	58.96	57.98	23.6	29.6	91	78	ENE 1	S 2	10	10	.3
20	58.75	56.88	24.1	31.4	91	67	NE 1	W 1	10	5	------
21	59.15	58.55	24	30.4	96	69	Calm	W 1	6	6	8.9
22	59.60	58.40	24	28	96	79	Calm	NW 1	8	10	.5
23	59.21	57.51	23.5	27.9	94	82	Calm	SSE 2	10	10	------
24	57.86	56.88	23.5	31.6	91	75	Calm	W 2	10	10	12.4
25	57.91	56.94	23.6	30.6	95	72	NE 1	W 1	6	10	6.4
26	58.60	57.71	24.4	29.2	97	81	Calm	NE 1	10	10	.6
27	57.33	57.09	23	29.1	96	81	Calm	Calm	10	10	.8
28	57.54	56.62	24.3	27.4	93	90	Calm	Calm	10	10	98.5
29	57.67	57.94	23.3	28.9	96	78	Calm	W 1	10	10	.8
30	57.97	58.26	22.5	29	92	81	NE 1	Calm	5	8	------
31	59.05	58.13	23.5	30.1	92	75	NE 0	W 1	4	10	4.3
Mean	58.52	57.80	24.4	29.7	93.1	78.3	1	1.4	8.8	9.3	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	279.2

SAN JOSE BUENAVISTA.

[ϕ=10° 44′ N; λ=121° 55′ E; barometer above sea, 5.4 meters; gravity correction not applied, —1.84 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	58.81	57.87	23.6	28.9	95	82	Calm	Calm	10	10	10.4
2	57.97	56.53	23.5	30	95	79	Calm	SW 2	10	10	------
3	56.72	56.13	24.6	28.5	93	85	Calm	SSW 4	10	10	4.1
4	56.37	55.58	27.8	30.5	82	74	SSW 3	S 4	10	8	------
5	57.67	56.52	23.3	31.3	90	77	NNE 1	S 3	10	5	------
6	57.80	56.37	24.4	29.4	91	79	N 0	W 1	10	10	27.9
7	57.66	56.18	23.5	28.8	95	82	NE 1	Calm	9	10	.3
8	58.17	57	23.6	28.6	95	80	Calm	SW 1	10	10	------
9	57.67	56.17	23.5	29	93	85	NNE 1	Calm	5	10	26.5
10	57.21	56.13	24	27.1	95	90	Calm	SSW 3	10	10	64.8
11	58.47	57.67	23.4	27.7	96	87	NE 1	SSE 3	10	10	2.1
12	59.41	58.33	23.6	29.5	95	75	Calm	Calm	10	10	.3
13	58.24	57.22	23.5	27.1	92	84	Calm	W 1	10	10	48
14	56.72	56.16	23.3	25.5	97	92	Calm	S 3	10	10	44.4
15	56.87	56.63	23	25.4	97	93	Calm	SSE 1	10	10	30.2
16	57.48	56.62	22.9	29.9	93	75	NE 1	SW 2	7	10	------
17	57.68	56.02	23.1	31.4	90	75	NE 1	SW 2	7	8	------
18	56.66	56.20	24	32	90	68	NNE 1	W 1	6	6	------
19	57.06	56.48	23.2	28.5	90	85	NE 1	SW 1	10	10	18.5
20	57.70	56.90	24.5	30.2	96	77	Calm	NNW 2	9	10	5.8
21	56.92	55.79	24	27.5	95	89	Calm	Calm	10	10	12.5
22	56.17	55.55	24.9	26	97	93	S 3	E 1	10	10	155.7
23	56.17	54.84	24.5	27	96	88	SSW 4	SW 1	10	10	41.7
24	54.86	53.60	24.5	27.4	96	86	S 2	SSW 4	10	10	6.3
25	55.37	54.84	25	27.5	88	84	SSW 3	SW 3	10	10	6.8
26	56.24	56.14	24.1	26.5	96	88	S 2	Calm	10	10	94.2
27	57.66	56.72	24.1	28	98	82	W 3	Calm	10	10	18.1
28	56.58	56.42	23.1	30	96	70	Calm	W 1	10	10	17
29	57.44	56.67	23.5	27.6	96	76	Calm	NW 1	10	10	------
30	57.38	56.78	23	30.1	90	77	Calm	SW 2	8	5	------
31	------	------	------	------	------	------	------	------	------	------	------
Mean	57.24	56.34	23.9	28.6	93.6	81.9	0.9	1.6	9.4	9.4	------
Total	------	------	------	------	------	------	------	------	------	------	635.6

OCTOBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	58.37	56.70	23.8	31.4	97	73	Calm	W 1	2	5	18.5
2	58.54	58.07	24.5	26.6	96	94	Calm	E 1	10	10	8.6
3	58.57	58.30	23.5	25.4	94	93	Calm	Calm	10	10	2.3
4	58.83	57.78	22.6	30	95	75	NE 1	SW 2	10	10	------
5	59.01	57.95	23.6	29.3	95	79	Calm	Calm	10	10	------
6	58.20	57.05	23	28.7	91	73	NNE 1	W 0	8	10	2.5
7	57.31	56.56	22	30.1	91	65	NE 1	WNW 1	10	10	------
8	57.71	56.85	21.7	30.2	86	71	NE 1	NW 1	6	10	------
9	58.46	57.85	23.2	31.6	94	72	NE 1	SW 1	10	10	------
10	59.58	57.96	23	30.8	90	64	NNE 1	WNW 1	7	5	------
11	58.11	56.61	23.2	31.6	94	69	NNE 1	NW 1	8	8	------
12	56.91	56.33	23.9	26.6	92	91	NE 1	Calm	5	9	8
13	57.50	57.30	24.1	26	94	92	NNE 1	NE 1	9	10	14
14	57.15	56.50	23.9	25.1	93	91	Calm	Calm	9	10	26.9
15	56.78	55.35	23	30.6	97	71	NNE 1	W 1	9	9	.8
16	57.24	55.63	24	29.5	96	79	Calm	W 1	9	10	------
17	57.17	55.97	23.1	30.6	91	74	NE 1	W 1	10	10	------
18	57.74	56.37	24.6	27.5	93	91	NNE 0	S 1	10	10	5.1
19	56.66	54.77	23.7	30.6	95	71	NNE 1	NW 1	10	10	5.3
20	56.25	55.20	24	32.6	96	64	Calm	NNW 1	4	5	------
21	56.90	56	23.7	31	94	69	Calm	NNW 1	4	10	6.9
22	57.80	55.98	25	28.6	96	83	S 3	SW 2	10	10	7.9
23	57.54	55.97	24	26	92	97	NE 1	NW 1	5	10	87.6
24	58.26	57.11	23.6	25.7	98	94	Calm	S 2	10	10	66
25	58.64	57.75	24.6	29.5	96	78	NE 1	S 3	10	10	12.7
26	59.37	57.87	23.5	26.6	96	89	NE 1	Calm	8	8	7.6
27	59.25	56.53	24.1	31	97	69	Calm	NE 1	10	10	------
28	57.15	56.06	23	30.6	96	68	NNE 1	NW 1	2	5	.5
29	57.33	56.95	22.9	31.9	92	69	NNE 1	W 1	7	10	------
30	58.20	57.53	22.6	25	94	92	NNE 1	E 2	8	10	7.7
31	57.35	55.55	23	31	95	72	NNE 1	Calm	7	10	------
Mean	57.87	56.72	23.5	29.1	94.1	78.5	0.7	1	7.8	9.2	------
Total	------	------	------	------	------	------	------	------	------	------	283.9

NOVEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	55.79	54.82	23.5	24.8	94	89	NNE 1	Calm	10	10	26.7
2	56.29	55.81	23.4	27	93	87	NE 1	NE 1	10	10	3.9
3	57.58	56.51	22.6	28	95	83	NNE 1	NW 1	5	10	31.3
4	57.23	56.01	23.4	27.5	94	89	Calm	S 2	10	10	16
5	57.18	55.15	22.6	30.6	96	71	N 1	NW 2	8	5	------
6	56.98	55.72	23	30.4	93	66	NE 1	NW 2	9	4	12.7
7	56.88	56.01	22.9	31	91	72	NE 1	NW 2	8	6	------
8	57.36	56.81	23.6	30.6	91	71	NNE 1	WNW 1	8	9	------
9	58.47	57.21	23.4	29.9	91	72	NNE 1	NW 1	9	10	.8
10	58.48	56.52	23.1	28.8	95	79	NE 1	Calm	4	10	48
11	57.38	59.46	22.5	29.5	96	72	NE 1	NW 2	10	9	1.8
12	57.31	55.90	22.1	31.6	96	63	NE 1	NW 2	9	8	.3
13	57.87	56.96	23.2	30.1	93	71	NNE 1	NW 1	8	9	------
14	57.77	55.85	23.5	31.1	87	65	NNE 1	NW 2	7	10	.5
15	56.87	55.74	23	30.2	91	74	NNE 1	NNW 3	10	10	34.3
16	56.91	55.31	24.1	29.7	96	77	Calm	SW 1	10	9	1.8
17	56.95	55.63	24	29.5	96	75	NE 1	SW 2	10	5	3.6
18	58.34	57.45	25	25.4	96	93	NE 1	SE 1	10	10	51.1
19	58.06	56.72	23	29.5	96	75	NE 1	SSW 3	10	9	------
20	58.17	56.13	23.5	29.6	95	81	NE 1	SW 3	10	8	------
21	58.18	57.46	26.1	28	88	82	SE 1	SW 1	9	10	2.5
22	58.72	57.47	23.5	27.5	96	84	NE 1	NW 1	10	10	.3
23	58.53	57.15	22.7	29.6	94	77	NNE 1	W 1	8	10	1.3
24	58.07	56.38	22	29.5	96	77	NE 1	SW 1	8	10	------
25	56.38	55.45	23	31	92	72	N 1	SW 1	5	9	------
26	55.82	53.95	22	30	87	71	NNE 1	NW 2	5	5	51.1
27	55.65	54.51	22.6	28	96	77	NE 1	NNW 2	10	10	8.4
28	56.23	55.03	24	28	96	78	NE 0	NNW 3	9	10	6.6
29	56.06	55.19	24.6	28.1	95	80	Calm	NW 3	10	10	------
30	56.88	55.65	22.5	29.1	96	70	NE 1	NW 2	10	5	------
31	------	------	------	------	------	------	------	------	------	------	------
Mean	57.28	56.03	23.3	29.1	93.7	76.4	0.9	1.6	8.6	8.7	------
Total	------	------	------	------	------	------	------	------	------	------	303

DECEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	56.94	54.97	20.2	29.1	93	70	NE 1	NW 3	5	10	2
2	55.73	54.70	23.9	27.5	98	81	NE 1	NNW 3	10	10	2
3	56.52	56.18	23.4	26.8	94	90	Calm	NW 2	9	10	2.3
4	57.47	56.03	23.2	29.9	95	76	NNE 1	WNW 1	9	9	.5
5	56.92	55.34	22	30.5	96	74	NNE 1	NW 1	5	9	------
6	55.90	55.41	22.4	29.5	95	72	Calm	NW 2	3	10	------
7	56.30	55.04	22.6	31.1	95	68	NNE 1	NW 2	1	5	------
8	56.31	55.47	22.5	29.1	91	74	NE 1	Calm	2	10	3.3
9	56.54	55.60	22	30	96	70	NNE 1	NW 2	1	5	------
10	57	55.72	22.5	30.6	92	68	N 1	WNW 1	3	5	------
11	56.68	55.75	22.2	30.6	93	68	NE 1	NW 1	7	10	.8
12	56.28	55.15	22.5	31.4	96	66	NE 1	WNW 1	3	9	2.8
13	56.81	55.40	23.5	31.4	96	70	Calm	Calm	7	10	.5
14	55.89	54.50	23	27.5	92	84	NE 1	Calm	7	10	.3
15	55.57	54.52	24	27	90	77	Calm	NNW 2	10	10	5.6
16	55.53	53.90	23.8	29.7	97	76	NNE 1	WNW 2	10	10	------
17	55.50	54.48	23.1	27.1	94	87	NNE 1	WNW 2	7	10	------
18	55.61	54.16	25.1	30.7	92	74	Calm	W 1	10	10	9.1
19	56.18	54.73	23.4	30.1	97	77	NE 1	NW 2	7	5	7.1
20	56.40	55.36	23.1	29.9	95	75	NE 1	W 1	4	10	------
21	57.35	55.40	22.5	29.6	92	75	Calm	W 1	10	10	------
22	57.02	55.05	23.5	29.6	91	70	Calm	NW 1	10	10	------
23	56.82	55.40	21.6	30.5	95	63	N 1	W 1	10	2	------
24	56.98	55.98	20.9	30.6	87	68	NNE 1	W 1	6	8	------
25	57.17	56.55	22.9	25.6	89	90	Calm	Calm	10	10	9.9
26	56.60	54.88	22.4	29	96	71	Calm	WNW 1	10	10	4.6
27	56.09	55.20	23	26.5	96	85	Calm	NNE 2	10	10	3
28	56.08	54.59	22.5	31	96	59	Calm	NE 3	10	10	------
29	55.63	54.86	23.7	30.9	86	66	Calm	NW 2	10	10	.3
30	56.29	54.97	23.5	29.5	91	72	Calm	NW 1	8	8	------
31	57.28	55.76	23.1	31	94	67	NE 1	NNW 2	2	10	------
Mean	56.43	55.20	22.8	29.5	93.4	73.6	0.6	1.5	7	8.9	------
Total	------	------	------	------	------	------	------	------	------	------	54.1

CUYO.

[ϕ=10° 51′ N; λ=121° 01′ E; barometer above sea, 4 meters; gravity correction not applied, —1.83 mm.]

JANUARY.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*					*0–10.*	*0–10.*	*mm.*
1	56.90	55.97	26.4	27.1	86	83	NNE	2	NNE	2	10	10	5.3
2	54.78	53.94	25.4	27.9	89	84	NNW	4	NW	4	10	10	40.9
3	55.46	55.17	24.4	29.7	89	77	S	4	SSE	3	10	10	------
4	58.88	58.01	25.3	30.2	93	73	SSW	2	SE	1	10	10	------
5	59.48	58.91	24	31	96	72	SE	1	WNW	1	10	10	.8
6	59.40	58.84	24.2	29.5	93	77	ENE	1	NNE	2	10	10	------
7	59.51	58.20	26.1	30.4	87	75	ENE	2	NNE	2	10	8	------
8	59.80	59.35	26.3	29.9	90	75	NNE	2	NNE	2	10	8	------
9	60.85	57.37	26.6	28.6	86	78	NNE	2	NNE	3	10	10	------
10	60.95	59.45	26.3	29.4	87	74	NNE	3	NNE	3	10	9	4.8
11	61.07	59.25	24.9	28.6	96	79	NNE	3	NNE	3	10	10	.8
12	59.47	58.41	26.2	27.8	87	76	NNE	2	NNE	3	10	10	------
13	59.12	57.92	25.9	28.2	84	79	NNE	2	NE	3	10	10	------
14	57.59	56.36	26.1	27.3	82	79	NNE	3	NNE	3	10	10	1.5
15	56.58	55.15	26.2	28.3	83	76	NE.	4	NNW	4	10	10	25.4
16	56.63	56.02	25.6	26.4	80	76	NNW	4	NNE	4	10	10	------
17	57.31	56.95	24.7	26.9	72	69	NNE	4	NNE	3	10	10	------
18	58.88	57.94	23.8	26.9	76	70	NNE	3	NNE	3	10	10	------
19	59.26	58.77	24.2	26.6	78	71	NNE	3	NNE	3	10	10	------
20	59.06	58.12	24.2	26.8	77	72	NNE	3	NNE	3	10	10	------
21	58.45	57.37	24	27.1	80	71	NE	3	NNE	2	10	10	------
22	57.99	55.88	24.6	28.9	85	71	NNE	3	NNE	2	10	10	------
23	57.73	56.47	25.1	28.8	95	79	NW	1	NNW	1	10	10	1.3
24	58.24	57.32	25.3	28.9	94	77	NNE	1	NNE	2	10	10	------
25	58.55	58.18	25.1	28.3	88	74	NE	2	NNE	3	10	10	------
26	57.59	56.92	25.4	26.8	87	83	NE	2	NE	2	10	10	------
27	56.63	55.96	25.3	27.7	88	79	NNE	3	NE	3	10	10	------
28	56.97	55.90	25.7	27.7	88	80	N	1	NNE	2	10	10	------
29	56.53	55.45	25.3	28	88	81	NNE	2	NNE	3	10	10	------
30	56.89	56.63	24.9	28.3	87	79	NE	2	NE	3	10	9	------
31	56.28	55.89	25.3	27.3	92	84	NE	2	NE	2	10	9	------
Mean	58.16	57.16	25.3	28.2	86.5	76.5	2.5		2.6		10	9.8	------
Total	------	------	------	------	------	------	------		------		------	------	80.8

FEBRUARY.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*					*0–10.*	*0–10.*	*mm.*
1	56.54	55.80	25.5	28.9	91	76	NE	2	NNE	2	10	9	------
2	56.62	56.50	25.9	29.1	88	76	NE	2	NE	2	10	10	------
3	57.26	56.79	23.9	31.4	97	70	NNE	1	NW	2	10	7	------
4	58.04	57.30	22.9	29.4	97	70	SSW	1	SSW	1	10	10	------
5	57.64	57.71	24.6	31.6	94	72	SSW	1	SSW	1	10	6	------
6	58.80	57.72	24.9	30.4	92	69	N	1	NE	2	10	7	------
7	57.54	57.05	22.3	30	94	63	NNW	1	N	2	10	5	------
8	57.28	57.15	19.7	29.9	92	64	NNE	1	N	2	10	6	------
9	59.11	58.78	22.4	29.9	93	65	N	1	N	3	10	7	------
10	59.93	59.08	22.9	29.8	84	65	N	1	NNE	3	10	8	------
11	59.43	58.92	25.4	29.7	84	70	NNE	3	NE	3	10	10	------
12	58.83	58.77	26.1	28.5	82	73	NE	2	NNE	3	10	10	------
13	59.30	59.10	26	28.5	78	68	NE	2	ESE	1	10	10	------
14	60.26	59.12	25.9	29.9	87	73	NNE	1	NE	1	10	10	------
15	59.10	58.12	24.9	30.6	88	63	NNE	1	NNE	2	10	8	------
16	59.48	58.66	25.4	29.8	88	72	NNE	1	NNE	2	10	8	------
17	58.49	57.99	26.4	30.2	90	73	NE	1	NNE	2	10	8	------
18	57.83	56.71	26.4	27.6	86	84	NNE	2	NNE	2	10	10	1.8
19	56.98	55.63	25.4	26.5	93	84	NNE	2	NNE	2	10	10	1.3
20	55.98	55.63	25.8	28.7	90	78	NNE	2	NNE	3	10	10	20.3
21	55.97	55.69	25	26.1	96	92	ENE	2	NNE	1	10	10	68.1
22	56.45	55.89	25	26.6	94	88	SSE	1	NNW	1	10	10	14
23	56.79	56.56	24.5	28.2	92	80	SSE	1	SE	2	10	10	.8
24	57.39	57	24.5	29.2	92	64	ESE	1	SE	2	10	10	------
25	58.18	57.27	23	29.2	95	74	ESE	1	NNE	2	10	10	------
26	58.07	57.37	25.8	29.6	84	72	NNE	2	NNE	3	10	10	------
27	57.49	57.12	25.4	29.3	84	72	NNE	3	NNE	3	10	10	------
28	57.84	56.65	25.4	29.4	84	71	NE	2	NNE	3	10	9	------
29	58.38	57.85	25.9	31	88	69	NNW	3	NNE	2	10	10	------
Mean	57.97	57.38	24.7	29.3	89.6	72.8	1.6		2.1		10	8.9	------
Total	------	------	------	------	------	------	------		------		------	------	106.3

MARCH.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*					*0–10.*	*0–10.*	*mm.*
1	58.34	58.07	26.4	28.3	81	74	NNE	3	NNE	3	10	10	------
2	58.23	57.43	25.4	28.9	74	70	NNE	4	NNE	4	10	9	------
3	58.06	58.13	25.4	29.4	78	71	NNE	2	NNE	3	10	10	------
4	59.52	59.03	25.3	28.9	90	76	NNE	1	NNE	3	10	10	------
5	59.57	58.37	25.2	29.4	88	74	NE	2	NNE	3	10	9	------
6	58.44	57.43	25.6	29.2	85	74	NE	3	NNE	3	10	8	------
7	57.53	56.76	25.7	30.7	89	73	NNE	3	NNE	2	10	5	------
8	58.44	57.967	24.7	31	95	73	NNE	1	NNE	2	10	3	------
9	58.99	58.04	25.4	30.3	93	73	NNE	1	NNE	2	10	10	------
10	58.47	57.60	26	30.4	89	71	NNE	2	NNE	3	10	10	------
11	57.98	57.11	26.1	30.5	89	74	NNE	3	NNE	3	10	8	------
12	58.47	57.76	26.3	30.2	81	71	NNE	3	NE	3	10	7	------
13	59.07	58.41	26.3	29.4	87	78	NE	2	NNE	3	10	10	------
14	58.33	57.41	25.8	30	88	67	NNE	2	NNE	3	10	10	------
15	57.44	56.21	25.9	30	81	68	NNE	3	NNE	3	10	9	------
16	58.18	57.17	26	28.4	82	68	NNE	2	NNE	3	10	10	------
17	58.60	57.66	26.3	30.8	82	66	NE	2	NNE	3	10	7	0.5
18	58.48	57.74	25.9	30.7	86	69	NNE	2	NNE	2	10	10	------
19	58.68	57.61	25.9	30.4	84	67	NNE	2	NNE	3	10	10	------
20	58.08	57.61	26.6	30.6	86	71	NE	1	NNE	2	10	7	------
21	58.58	58.37	25.7	31.3	90	64	NNE	1	NNE	2	10	6	------
22	59.12	58.69	26.6	31.3	86	69	NNE	2	NNE	3	10	7	------
23	59.53	59.08	26.6	30.7	86	72	NNE	2	NNE	3	10	6	------
24	60.40	59.74	26.2	29.2	78	75	NNE	4	NE	3	10	10	------
25	60.81	59.11	25.4	28.9	81	71	NNE	3	NNE	4	10	8	------
26	60.77	59.21	26.1	30.6	78	64	NE	3	NE	3	10	6	------
27	59.66	59.05	25.6	31	88	69	NNE	2	NNE	3	10	7	------
28	59.68	58.54	25.9	30	86	71	NNE	3	NNE	3	10	6	------
29	58.57	57.31	26.2	31.8	89	68	NNE	3	NNE	3	10	10	------
30	58.49	57.05	26.5	30.4	83	68	NNE	2	NNE	3	10	6	------
31	58.02	56.92	26.1	31.2	90	67	NNE	1	NNE	2	10	8	------
Mean	58.79	57.95	25.9	30.1	85.3	70.2	2.3		2.8		10	8	------
Total	------	------	------	------	------	------	------		------		------	------	0.5

APRIL.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*					*0–10.*	*0–10.*	*mm.*
1	57.52	56.31	26.2	32.3	86	65	NNE	1	N	2	10	7	------
2	57.73	57.49	24.4	32.6	92	64	NNE	1	N	1	10	10	------
3	59.48	58.97	26.3	32.3	86	62	ENE	2	N	2	10	9	------
4	60.01	59.03	25.3	31.6	92	66	N	1	N	2	10	10	------
5	60.22	59.40	26.2	31.2	86	70	NNE	1	NNE	2	10	10	------
6	60.22	59.55	26.3	31.1	83	64	NNE	2	NNE	3	10	10	------
7	60.37	60.15	26.6	31.6	84	65	NNE	3	NNE	3	10	8	------
8	60.18	59.02	26.9	30.4	75	68	NNE	4	NNE	4	9	10	------
9	59.76	59.05	26.3	32.1	86	68	NNE	3	NNE	2	10	7	------
10	59.45	58.80	26.4	31.6	84	66	NNE	2	NNE	2	10	8	------
11	59.37	57.66	26.4	31.3	86	66	NNE	2	NNE	2	10	3	------
12	59.12	58.27	26.3	31.2	84	68	NNE	2	NNE	3	10	5	------
13	59.12	58.25	26.3	31.2	86	67	NE	1	NNE	2	10	7	------
14	59.14	58.31	26.2	30.9	88	71	NNE	1	NNE	2	10	4	------
15	58.13	57.19	26.6	30.9	89	69	NNE	2	NNE	2	10	5	------
16	57.84	56.76	26.6	30.9	86	67	NNE	2	NNE	3	10	8	------
17	57.01	56.17	26.7	33.8	86	62	NNE	1	NNE	1	10	6	------
18	56.37	55.55	25.9	33.2	94	62	NNW	2	NNW	2	10	8	0.8
19	56.40	55.95	26.4	32.4	93	70	NW	2	NW	2	10	8	------
20	57.01	55.97	25.6	33	88	63	NNE	1	NW	1	10	9	------
21	56.65	56.02	24.4	33.1	93	59	NW	1	NW	1	10	7	------
22	57.14	56.38	24.1	33.1	93	58	NNW	1	NW	1	10	7	------
23	56.59	55.57	24.3	33.9	91	62	NNW	1	N	1	10	7	------
24	56.69	55.60	24.6	32.6	93	61	NW	1	NNW	1	10	6	------
25	57.09	56.12	24.4	32.6	93	65	NW	1	NNE	2	10	10	------
26	57.72	57.20	27.6	32.3	83	64	NW	1	NNE	2	10	10	------
27	57.90	57.03	26.5	32.3	89	64	NNE	2	NNE	2	10	8	------
28	58.19	56.85	25.3	33.2	90	63	NE	1	NNE	1	10	10	------
29	57.80	57.69	27.9	29.6	84	73	NNE	2	NW	1	10	10	1.3
30	58.22	58.29	25.7	31.3	93	71	NNE	1	NNE	2	10	5	------
Mean	58.28	57.49	26	32	87.9	65.4	1.6		1.9		10	7.7	------
Total	------	------	------	------	------	------	------		------		------	------	2.1

CUYO.

[ϕ=10° 51′ N; λ=121° 01′ E; barometer above sea, 4 meters; gravity correction not applied, —1.83 mm.]

MAY.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	58.03	57.35	25.9	32.6	88	62	NNE 1	NE 2	10	6	------
2	57.32	56.53	27.6	30.7	79	69	NNE 3	NNE 3	10	10	1.5
3	56.46	55.89	26.7	26.1	93	92	N 1	NW 1	10	10	22.4
4	56.12	56.40	26.4	25.8	91	93	NNE 3	NNE 2	10	10	71.4
5	56.73	56.07	25.1	27.7	96	91	NE 2	NE 2	10	10	6.4
6	56.96	55.90	24.7	28.4	93	77	NE 1	N 1	10	10	------
7	56.49	56.20	26.4	31.4	92	68	NNE 1	SSE 1	10	8	6.6
8	58.03	56.99	24.3	30.3	93	69	E 1	SE 2	10	7	3.8
9	57.84	57.44	26.2	27.6	79	76	E 2	SE 3	10	10	3.1
10	57.97	57.25	25.9	28.2	85	80	SSE 2	SSE 2	10	10	1.3
11	58.05	57.04	25.6	31.1	89	69	SSE 1	ESE 2	10	8	------
12	58.69	57.39	24.8	30.6	96	70	SSE 1	SSE 1	10	9	------
13	58.27	57.19	24.7	32.2	97	71	SSE 1	S 2	10	10	------
14	57.17	56.13	25.1	31.1	95	67	SSE 1	SSE 2	10	6	------
15	56.48	55.80	24.9	30.5	95	74	SSE 1	SSE 2	10	7	------
16	57.44	57.75	25.3	31.1	95	77	N 1	SW 2	10	9	48.5
17	59.04	58.06	23.4	30.7	97	76	Calm	NNE 2	10	6	------
18	58.32	57.33	26.7	31.9	88	69	NE 1	NNE 1	10	8	------
19	57.62	57.09	26.3	30.7	89	70	SSE 2	SW 1	10	10	------
20	57.92	57.24	24.8	31.2	94	73	S 1	WSW 1	10	7	15.7
21	57.63	57.04	25	31.4	96	73	N 1	NNW 1	10	9	------
22	57.07	56.59	25.5	29.5	93	76	NNE 2	NNE 1	10	10	------
23	56.94	56.24	25.7	31.4	93	67	Calm	NNE 2	10	8	------
24	56.85	56.39	26.3	31.3	94	70	NE 1	NNE 2	10	8	------
25	56.75	56.57	27.2	32.3	91	72	NE 1	NNE 2	10	10	------
26	56.38	55.56	28.1	29.2	84	79	NNE 3	NNE 3	10	10	93
27	55.45	55.18	24.7	25.9	97	97	S 1	S 2	10	10	12.2
28	55.69	55.93	24.9	28.1	97	87	SSE 1	S 1	10	10	1.3
29	56.07	55.76	24.7	30.6	95	73	SSE 1	SSW 2	10	10	------
30	57.38	56.65	24.5	31.3	97	70	SSW 1	S 1	10	10	------
31	57.47	57.48	24.6	28.9	96	83	NE 1	SW 1	10	10	1
Mean	57.25	56.66	25.5	30	92.2	75.5	1.3	1.7	10	8.9	------
Total	------	------	------	------	------	------	------	------	------	------	288.2

JUNE.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	56.92	56.99	25.2	31.3	97	71	N 1	NW 1	10	9	------
2	56.72	56.17	24.4	30.7	96	71	NE 1	NNW 1	10	10	------
3	56.89	56.44	23.6	32	96	63	ENE 1	SW 1	10	10	------
4	56.28	56.85	25.6	26.6	93	92	Calm	SSE 1	10	10	4.6
5	57.12	56.17	25.8	27.4	92	90	Calm	W 1	10	10	7.9
6	56.39	55.52	24.7	26.4	97	91	Calm	SSE 1	10	10	6.3
7	55.69	55.33	25.3	29.4	97	76	NNW 1	N 1	10	10	3.3
8	55.63	54.53	24.7	31.4	97	70	SE 1	WSW 1	10	10	11.4
9	55.87	54.42	25.2	30.1	94	73	NE 1	NNE 1	10	10	1.6
10	56.39	54.59	25.8	30.9	93	72	NW 1	SSW 2	10	10	4.8
11	56.04	54.26	25.1	29	97	80	SW 2	SSW 3	10	10	.5
12	55.12	53.55	27.5	28.7	84	80	SSW 3	SSW 3	10	10	11.2
13	54.26	54.12	26	27.2	89	90	SW 3	SW 3	10	10	2
14	55.49	55.47	26.7	29.5	93	77	SW 2	SSW 2	10	10	13.7
15	56.09	55.77	25.1	30.6	96	72	SSW 2	SSW 2	10	10	5.1
16	55.87	54.88	26.3	32.3	94	73	SSW 2	SW 2	10	10	.8
17	55.96	54.74	26.5	32.1	94	74	SSW 2	SW 2	10	10	------
18	56.98	56.82	25.9	25.3	90	94	NW 2	NNW 3	10	10	100.8
19	57.41	56.92	23.5	27.4	98	77	SSW 1	WNW 3	10	10	11.7
20	57.78	56.60	24.3	29.7	97	72	WSW 1	SSW 2	10	10	3.6
21	57.37	56.44	25.4	29.5	95	80	SSW 2	SSW 3	10	10	2.8
22	57.87	56.72	26.6	27.5	86	87	SW 2	SSE 1	10	10	2
23	58.05	57.65	25.5	29.3	93	81	SE 1	S 1	10	10	1.3
24	58.72	58.61	24.4	32.1	97	69	SSW 1	NNE 1	10	9	------
25	59.80	59.16	26.1	31.4	94	73	N 1	NNE 2	10	10	------
26	59.38	58.38	26.5	31.3	91	73	N 1	N 1	10	10	------
27	58.83	58.23	25.2	28.2	95	82	SSE 1	SW 1	10	10	24.1
28	59.15	58.12	24.3	31.1	95	74	WSW 1	W 1	10	10	7.9
29	59.52	58.60	24.2	30.2	95	74	N 2	WNW 2	10	10	18.8
30	58.91	57.81	23.6	28.7	97	73	S 1	S 2	10	10	2.3
31	------	------	------	------	------	------	------	------	------	------	------
Mean	57.08	56.33	25.3	29.6	94.1	77.5	1.3	1.7	10	9.9	------
Total	------	------	------	------	------	------	------	------	------	------	248.5

JULY.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	57.90	56.75	24.4	31.6	96	72	S 1	S 1	10	8	------
2	57.78	57.02	25.1	30.1	95	77	Calm	SW 1	10	10	19.3
3	57.36	56.66	24.2	30.3	96	74	NNE 1	S 2	10	10	47.8
4	57.91	57.32	23.8	27.3	97	87	S 2	SSW 2	10	10	25.6
5	58.31	57.87	23.7	29.7	97	76	SSW 2	SSW 1	10	10	1.3
6	58.89	58.56	24.7	31.4	97	72	Calm	NW 1	10	8	19.6
7	58.85	58.30	24.1	31.6	96	71	Calm	S 2	10	6	------
8	58.42	57.14	24.9	30.1	97	76	S 1	NW 1	10	10	------
9	58.24	57.24	25.1	30.6	96	76	NE 1	SSW 1	10	10	.8
10	58.17	57.49	25.4	30.8	96	72	SW 1	SE 1	10	8	22.9
11	58.42	58.23	26.1	28.3	92	86	NNW 2	SW 1	10	10	1
12	58.17	57.47	25.1	30.9	96	76	SE 1	SW 1	10	8	2.8
13	58.18	57.63	25.1	32.8	97	68	SSE 1	WNW 1	10	10	.8
14	57.96	58.16	25.8	28.6	94	79	NNE 1	SE 2	10	10	.8
15	58	57.79	23.7	31.6	97	70	Calm	N 1	10	10	1
16	57.11	56.19	26.9	30.1	86	78	NNE 2	NNE 2	10	10	48
17	56.40	55.75	24.6	30.5	96	74	NNE 1	NNE 2	10	10	125.7
18	57.29	56.69	24.4	28.1	97	85	SSE 1	SSE 2	10	10	2
19	56.89	56.53	25	28.4	94	81	ESE 1	S 1	10	10	------
20	57.15	56.04	25.9	32.1	93	68	NNW 2	N 2	10	10	1.3
21	57.32	56.51	24.9	30.9	96	71	NW 2	NNE 1	10	8	------
22	56.44	56.16	24.6	31.6	97	70	SSW 1	SSW 1	8	7	2.5
23	55.92	55.38	26.5	32.7	90	69	WSW 2	SW 2	10	10	------
24	56.69	55.97	26.1	32.4	93	68	SW 2	W 2	10	10	2
25	57.96	56.82	24.7	29.6	97	79	Calm	SSW 2	10	10	20.3
26	58.13	56.82	24.2	29.6	95	80	SSW 1	SW 1	10	10	20.6
27	57.17	56.26	25.2	31.7	95	74	N 1	SW 2	10	10	2.3
28	56.62	56.52	24.9	27.1	97	91	SSE 1	S 1	10	10	23.9
29	57	56.26	24.6	31.5	98	72	SW 1	WSW 2	10	8	1.5
30	56.48	56.16	24.7	31.3	97	69	SW 1	SSE 1	10	8	3.5
31	57.08	56.22	25.5	29.7	97	76	Calm	SSW 2	10	10	2.8
Mean	57.56	56.90	25	30.4	95.4	75.4	1.1	1.5	9.9	9.3	------
Total	------	------	------	------	------	------	------	------	------	------	400.1

AUGUST.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	57.67	57.44	25	31	98	72	S 2	SSW 2	10	8	2.3
2	58.27	57.70	24.7	31.4	96	72	S 1	SSW 2	10	10	20.1
3	58.80	57.94	25.8	31.6	93	72	SSW 1	SW 2	10	10	------
4	59.43	59.15	25.5	30.9	94	74	S 2	SW 4	10	10	21.3
5	59.93	58.43	24.7	27.5	95	85	E 1	SSW 3	10	10	25.9
6	58.80	57.79	24.8	31	96	75	SSW 1	SSW 2	10	8	------
7	58.72	58.32	27	31.1	85	67	S 2	S 3	10	9	------
8	59.02	58.19	26	30.9	93	69	S 2	S 3	10	8	------
9	58.49	57.09	26.9	31.4	89	73	SSW 2	SSW 3	9	10	------
10	56.46	56.03	27.2	30.6	89	76	SSW 2	SSW 4	10	10	------
11	55.95	54.81	26.6	29.4	94	81	SSW 4	SW 4	10	10	10.1
12	55.86	55.50	27.2	29.6	86	79	SSW 4	SSW 4	10	10	------
13	55.87	56.23	27.7	25.8	84	88	SW 4	WNW 2	10	10	16
14	58.14	57.82	24.2	29.4	95	76	SW 1	SW 2	10	10	10.2
15	59.25	58.95	24.4	31.3	97	73	S 1	S 1	10	8	16.5
16	59.77	58.21	23.4	31	97	71	S 2	SW 1	10	8	5.1
17	58.68	57.85	25.8	29.7	90	76	SSW 2	SSW 1	10	10	14.5
18	58.77	57.62	24.9	28.9	95	79	SSW 3	SSW 3	10	10	------
19	58.28	57.87	25.9	29.2	92	79	SSW 2	SSW 2	10	10	23.9
20	58.48	56.91	24.9	32.2	96	73	SSW 1	SW 2	10	8	19.3
21	58.94	58.42	23.8	30.7	97	67	ESE 1	SSW 2	10	8	3.6
22	59.40	58.43	24.6	28.6	96	84	N 1	SE 2	10	9	3.3
23	59	57.46	23.9	28.4	94	80	N 1	NE 1	10	10	3.3
24	57.38	56.68	24.6	29.2	96	76	NNE 1	NNE 1	10	10	1
25	57.65	57.04	24.3	31.3	96	71	NE 1	W 1	10	10	20.3
26	58.63	57.75	23.9	28.5	97	83	SE 1	S 1	10	10	1
27	57.14	56.82	24.6	31.7	95	70	NE 1	NE 2	10	9	7.1
28	57.52	56.47	24.6	29.6	96	81	SSW 1	NW 2	10	10	21.3
29	57.56	57.75	24.3	28.4	96	76	SE 1	NW 1	10	10	------
30	57.69	58.11	23.6	30.9	96	65	NW 1	SSW 1	10	8	------
31	58.33	58.14	23.2	30.9	95	72	SSE 1	N 2	10	7	6.1
Mean	58.21	57.51	25.1	30.1	93.8	75.3	1.6	2.1	10	9.3	------
Total	------	------	------	------	------	------	------	------	------	------	252.2

CUYO.

[ϕ=10° 51′ N; λ=121° 01′ E; barometer above sea, 4 meters; gravity correction not applied, —1.83 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	58.83	58.05	24.5	30.1	92	69	NE 1	NNW 2	10	8	31
2	57.77	56.62	24.8	29.5	96	76	SE 1	SSE 2	10	10	2.5
3	56.30	56.05	25.6	29.2	89	75	SSW 2	SW 2	10	10	------
4	55.91	55.37	27.3	30.3	81	69	SSW 3	SSW 4	10	10	2
5	56.71	56.37	27.4	31.4	80	68	SSW 3	SSW 3	10	10	------
6	57.42	56.47	25.9	32.2	93	68	SSW 1	SSW 2	10	10	------
7	57.35	56.16	24.6	31.8	94	70	SE 1	ENE 2	10	10	37.3
8	58.33	57.11	24.5	27.9	97	86	Calm	NNE 1	10	10	10.7
9	57.49	56.09	24.1	31.6	96	71	NNE 1	NNE 1	10	7	------
10	57.02	56.17	24.9	28.7	93	80	SE 1	S 1	10	10	30
11	57.99	57.63	24.4	26.1	94	90	S 1	SW 1	10	10	7.1
12	59.06	58.68	24.9	26.9	95	87	SSE 1	SSW 1	10	10	.8
13	58.24	57.22	24.3	24.9	90	95	SE 1	N 2	10	10	57.4
14	56.11	56.03	24.3	27.5	96	83	NNE 2	SW 1	10	10	1.8
15	56.11	56.20	24.7	28.9	92	77	SSW 3	SSW 2	10	10	5.8
16	57.20	56.52	24.7	29.4	97	82	SSW 1	SSW 1	10	10	.8
17	57.48	55.92	24	30.5	97	73	SW 1	SW 1	10	10	1.8
18	56.41	56.09	23.6	32.1	96	67	WNW 1	WSW 2	10	9	------
19	56.64	56	25.4	32.6	95	68	WSW 2	WSW 2	10	6	------
20	57.35	56.84	24.9	31.2	95	71	S 1	NW 2	10	8	.8
21	56.79	55.19	26.3	30.5	94	80	W 2	WNW 2	10	10	1.8
22	55.52	55.18	27.9	25.9	93	97	W 4	WSW 3	10	10	35.3
23	55.80	54.24	24.8	27.4	92	87	SSW 5	SSW 5	10	10	21.9
24	53.99	52.95	26	30.4	89	78	SSW 5	SSW 5	10	10	16.2
25	54.55	54.07	26.6	29.9	86	78	SSW 4	S 4	10	10	4.6
26	55.77	55.17	26.6	27.1	94	88	S 4	SSW 3	10	10	29
27	57.86	56.56	23	28.4	94	82	SSW 1	WNW 1	10	10	4.1
28	56.53	56.17	23.7	29.2	95	78	SSW 1	SSW 1	10	10	42.7
29	57.35	56.28	23.7	25.3	99	92	WSW 2	NW 1	10	10	23.6
30	57.03	56.81	24.1	29.9	97	75	SSW 1	S 1	10	10	------
31	------	------	------	------	------	------	------	------	------	------	------
Mean	56.91	56.14	25	29.2	93	78.7	1.9	2	10	9.6	------
Total	------	------	------	------	------	------	------	------	------	------	419

OCTOBER.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-10). 6 a. m.	Wind, direction and force (0-10). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	58.34	56.74	23.4	31.5	96	72	SSE 1	SSE 2	10	10	4.6
2	58.27	57.59	25.4	31.5	95	75	NNE 1	NNW 2	10	10	15.7
3	58.23	57.52	24.9	27	97	97	NNW 1	WSW 2	10	10	16.8
4	58.45	57.77	23.5	28.7	97	75	SSE 1	SSE 1	10	10	------
5	58.74	57.81	24.5	31.3	97	71	SSE 1	SSE 2	10	10	10.9
6	58.39	56.74	24.5	26.2	97	89	SSE 1	SSE 1	10	10	15.2
7	57.21	56.64	23	30.3	97	73	S 1	S 1	10	10	------
8	57.44	57.12	22.9	26.5	96	93	WSW 1	SSW 1	10	10	17
9	58.18	57.87	23.5	29.3	97	76	SW 1	SSW 1	10	10	------
10	59.39	57.70	23.2	30.6	97	72	NE 1	NNE 1	10	8	------
11	57.99	56.72	26.4	30.7	90	76	NNE 2	NNE 2	10	8	------
12	56.90	56.21	27.6	31.4	87	73	NNE 3	NNE 2	10	8	------
13	57.36	56.75	27.4	29.4	87	78	NNE 2	NNE 2	10	10	38.4
14	56.97	55.91	24.7	30.4	97	72	NNE 1	SE 2	10	10	55.4
15	56.55	55.39	24.6	30	97	75	SW 1	SSW 1	10	10	16.5
16	56.92	55.40	25.4	30.2	97	74	NE 1	WNW 1	10	10	.8
17	57.03	55.83	25.1	29.1	93	82	SSE 1	SSW 1	10	10	------
18	57.44	56.27	24.4	29.5	95	81	SSW 1	NW 1	10	10	27.4
19	56.49	54.95	24.4	31.4	97	75	SW 1	NW 1	10	8	------
20	56.02	55.19	25.9	31.7	94	65	NNE 1	SW 1	7	7	------
21	56.98	56.34	25.5	30.8	93	75	NE 1	NE 1	10	10	74.9
22	57.69	56.06	23.8	27.7	97	82	NE 1	NE 1	10	10	3.6
23	57.39	56.10	24.3	30.9	95	72	SE 1	SW 2	10	9	2.5
24	58.05	57.02	25.3	25.4	96	94	NE 1	SW 3	10	10	79.5
25	58.18	57.93	23.6	28.7	98	82	S 1	SSE 3	10	10	.8
26	59.18	57.92	24.6	29.9	96	71	SW 1	NNE 1	10	10	10.2
27	58.93	56.70	25.4	29.3	91	78	NE 1	NE 3	10	10	------
28	57.19	56.30	26.9	30.1	85	75	NNE 2	NNE 3	10	7	------
29	57.31	57.41	27.4	30.2	84	76	NNE 2	NE 3	10	6	------
30	58.21	57.20	27.2	27.3	84	81	NNE 3	NE 3	10	10	4
31	57.08	55.28	25.9	28.7	87	79	NNE 2	NNE 3	10	10	56.2
Mean	57.69	56.66	25	29.5	93.7	77.7	1.3	1.7	9.9	9.4	------
Total	------	------	------	------	------	------	------	------	------	------	450.4

NOVEMBER.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-10). 6 a. m.	Wind, direction and force (0-10). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	55.43	55.46	24.7	28.7	93	77	NE 1	NE 1	10	10	17.1
2	55.81	55.42	23.9	27.9	96	79	SSW 1	SSE 1	10	10	14.5
3	57.35	56.34	23.7	30.7	97	72	NE 1	NE 1	10	7	8.6
4	57.32	55.50	27.2	30	86	78	NNE 2	NNE 3	10	6	.8
5	57.44	55.27	25.3	28.4	84	78	NNE 3	NNE 3	10	10	------
6	56.78	55.87	26.6	31.1	83	70	NNE 2	NNE 3	10	6	------
7	56.69	55.99	24.9	30.4	93	74	NNW 1	NNW 1	10	10	------
8	57.03	56.66	24.6	30.9	96	67	SSE 1	NNE 2	10	10	------
9	58.09	56.90	23.6	30.4	94	72	NNE 1	NNE 1	10	8	8.6
10	58.20	56.45	24.5	29.7	97	79	NNE 1	NNE 2	10	8	------
11	57.27	56.47	26.6	28.9	82	74	NNE 3	NNE 3	10	10	------
12	57.09	56.30	27.1	29.9	82	68	NNE 3	NNE 3	10	10	------
13	57.81	56.97	27.3	29.6	78	70	NNE 3	NE 3	10	10	------
14	57.72	55.89	26.7	29.3	82	74	NNE 3	NNE 3	10	10	------
15	56.71	55.85	27.2	28.3	80	76	NNE 3	NE 2	10	10	35.6
16	56.36	54.88	24.4	27.9	96	82	E 1	WSW 1	10	10	------
17	56.34	55.25	25.2	31.1	97	74	SSW 1	WSW 1	10	10	2.5
18	57.82	56.91	24.9	27.4	97	87	SSW 1	SSW 2	10	10	1.3
19	57.69	56.40	24.5	27.4	95	90	SE 1	S 2	10	10	3.6
20	57.57	56.01	25.4	29.9	96	75	SSW 1	S 3	10	9	3.6
21	57.84	57.20	24.6	29.6	96	72	SE 1	SE 2	10	8	35.1
22	58.29	57.28	23.7	27.9	97	84	SE 1	SSE 1	10	10	4.3
23	58.26	56.95	24	29.1	95	76	SSE 1	SSE 2	10	10	------
24	57.81	56.35	23.8	30.1	97	74	NE 1	NNE 2	10	8	3.3
25	56.57	55.87	26.4	29.7	86	77	NNE 3	NNE 3	10	8	------
26	55.52	54	26.6	30.7	85	72	NE 3	NNW 3	10	7	20.8
27	55.56	54.59	24.1	30.8	96	72	NE 1	NW 2	10	10	------
28	55.84	55.20	26.9	30.7	87	72	NNE 1	NW 2	10	10	7.1
29	56.02	55.61	27.1	25.5	79	92	NNE 3	NNE 2	10	10	5.1
30	56.84	56.07	26.2	27.6	73	71	N 4	N 4	10	9	------
31	------	------	------	------	------	------	------	------	------	------	------
Mean	57.04	55.98	25.4	29.3	89.8	75.9	1.8	2.1	10	9.1	------
Total	------	------	------	------	------	------	------	------	------	------	166.9

DECEMBER.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-10). 6 a. m.	Wind, direction and force (0-10). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	56.90	55.31	25.4	26.9	72	75	NNE 4	NNE 4	10	10	------
2	55.98	55.16	26.3	25.8	80	93	NNE 2	NNE 2	10	10	3.5
3	56.43	56	26.1	28.4	85	79	NNE 2	NE 1	10	10	------
4	57.34	57.11	26.6	29.3	90	79	NE 2	NE 2	10	10	------
5	56.77	55.28	26.6	29.1	84	74	NNE 3	NNE 3	10	7	------
6	55.78	55.33	26.6	29.1	77	73	NNE 3	NNE 3	10	6	------
7	56.18	55.22	26	29	87	77	NNE 3	NNE 3	10	10	------
8	56.08	55.22	26.4	29.2	87	75	NNE 3	NE 2	10	10	------
9	56.43	55.75	26.1	29.6	89	72	NNE 2	NNE 2	10	8	------
10	57.07	55.99	26.4	29.8	89	73	NNE 1	NNE 3	10	7	------
11	56.44	55.87	26.6	29.6	83	76	NNE 3	NNE 3	10	9	------
12	56.17	55.40	26.9	29.4	82	74	NNE 3	NNE 3	10	9	------
13	56.82	55.41	26.7	29.6	85	73	NE 2	NE 3	10	10	------
14	55.79	54.56	26.9	28.4	84	77	NNE 3	NNE 3	10	10	------
15	55.46	54.53	26.7	28.6	83	80	NE 4	NE 4	10	10	------
16	55.14	53.76	26.3	30.1	89	69	NE 2	NE 2	10	10	------
17	55.29	54.45	26.7	29.1	89	78	NNE 2	NNE 2	10	8	1
18	55.29	54.07	25.1	31.4	95	70	NE 1	NE 1	10	7	18.5
19	55.60	54.95	24	29.6	97	77	NNE 1	ENE 2	10	10	------
20	56.14	55.37	26.1	29.4	89	73	E 1	NE 2	10	9	------
21	57.30	55.62	26.1	28.8	84	78	NNE 3	NNE 3	10	10	1
22	56.54	55.23	25.5	28.9	92	71	NNE 1	NNE 3	10	10	------
23	56.77	55.38	26.2	28.4	83	75	NNE 3	NNE 3	10	10	------
24	56.77	55.82	25.9	29.1	86	73	NNE 1	NNE 2	10	10	------
25	57.15	56.26	26.4	28.1	84	78	NNE 3	NNE 3	10	10	17
26	56.22	55.06	26.4	27.4	86	81	NNE 3	NNE 3	10	10	------
27	56.10	55.01	26.4	26.8	82	86	NNE 3	NNE 3	10	10	8.4
28	56.12	54.62	26.6?	27.5	79?	83	NNE 3	NNE 3	10	10	------
29	55.85	55.11	26	28.2	87	81	NNE 2	NNE 2	10	10	10.7
30	56.04	55.02	24.4	29.6	95	69	ESE 1	NE 1	10	8	1.3
31	56.83	55.67	24.7	29.3	97	72	ENE 1	NE 2	10	10	------
Mean	56.28	55.28	26.1	28.8	86.2	76.3	2.3	2.5	10	9.3	------
Total	------	------	------	------	------	------	------	------	------	------	61.4

GUIUAN.

[ϕ=11° 02′ N; λ=125° 44′ E; barometer above sea, 4.5 meters; gravity correction not applied, —1.83 mm.]

JANUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*					*0–10.*	*0–10.*	*mm.*
1	53.72	51.22	25.4	26.2	94	91	NNE	4	NE	1	10	10	134.1
2	55.73	54.32	25.1	31.1	83	67	SSE	4	S	4	9	3	------
3	57.16	56.88	26.2	32.4	85	73	SSE	2	SSE	3	4	4	------
4	59.77	58.96	23.6	30.4	97	70	E	1	E	3	2	7	7.6
5	60.33	59.08	26.2	25.8	80	76	ENE	3	ENE	3	6	6	12.4
6	59.58	58.79	25.4	30	89	77	NE	2	ENE	3	9	6	4.6
7	59.96	59.05	26.1	29.5	86	68	ENE	2	ENE	4	9	2	1.8
8	60.31	59.53	26.4	29.8	85	73	ENE	3	ENE	4	7	7	5.3
9	61.09	59.35	26.2	26.6	86	91	ENE	4	NE	4	9	8	16
10	61.41	59.40	25.9	29.5	80	75	NE	2	NE	4	7	7	8.4
11	61.11	59.15	26.4	29.8	79	77	NE	4	NE	4	7	7	15.5
12	59.46	58.07	25	27.6	95	80	NE	3	NE	4	10	10	28.5
13	58.27	56.61	26.6	26.6	75	83	NNE	5	NNE	4	10	10	80.5
14	54.77	50.39	24.9	24.4	95	97	NE	6	N	7	10	10	190.8
15	52.58	52.97	25.9	28.5	83	85	SSE	6	SSE	5	10	10	14
16	53.03	52.55	26.6	26.6	90	90	SSE	5	W	3	10	10	171.1
17	55.14	55.78	24.8	25.1	89	84	NNW	6	N	6	10	10	16.3
18	58.14	57.02	24	24.9	86	90	N	6	N	5	10	10	16
19	58.26	57.79	24.3	26	89	76	N	6	N	6	10	10	14.7
20	58.52	57.38	24.8	25	81	88	N	5	NNW	4	10	10	115.4
21	57.15	55.65	23.5	26.1	96	87	N	5	N	5	10	10	31.3
22	55.62	55.82	25.5	25.5	94	90	NE	3	ENE	4	10	10	97.5
23	56.18	55.19	24.4	28.2	94	80	NE	2	NE	4	9	8	72.1
24	56.68	56.51	24	24.2	96	96	NE	2	NE	2	10	10	131.4
25	58.06	56.96	25	28.1	92	82	ENE	4	NE	5	10	8	11.4
26	57.94	57.07	24.4	26.9	92	83	ENE	4	E	3	10	10	21.1
27	58.04	56.40	25.2	28.5	92	82	NE	4	ENE	4	10	8	33.6
28	58.06	56.34	24.5	28.8	95	77	ENE	3	ENE	4	10	8	12.4
29	57.13	55.63	24.4	28.3	96	82	ENE	2	ENE	3	7	9	344.9
30	57.48	55.71	24.8	28.3	88	80	NE	3	W	2	9	6	------
31	56.52	55.61	21.9	28.8	97	80	Calm		SW	2	2	1	------
Mean	57.65	56.49	25.1	27.8	89	81.6	3.6		3.8		8.6	7.7	------
Total	-----	-----	-----	-----	-----	-----	-------		-------		-----	-----	1,608.7

FEBRUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*					*0–10.*	*0–10.*	*mm.*
1	56.75	56.10	22.6	30.8	97	73	Calm		SW	2	1	3	------
2	57.51	56.14	23.6	31.9	97	71	Calm		SSE	2	2	2	------
3	57.79	56.62	23.4	31.6	95	72	Calm		SSE	3	6	1	------
4	58.17	57.29	23.9	31.7	94	75	SSW	1	S	2	2	3	------
5	58.09	57.03	26.4	29.9	89	71	SSE	2	S	2	1	1	------
6	58.72	56.83	23	30.6	97	66	Calm		NE	2	2	1	------
7	57.27	56.64	24.8	29.6	87	66	NE	1	NE	2	4	3	------
8	57.26	56.80	20.5	29.5	96	66	Calm		ENE	2	1	3	------
9	59.24	58.35	18.6	29.7	97	79	Calm		ENE	2	2	3	------
10	59.86	59.13	20.6	29.6	93	64	Calm		NE	3	5	6	17.8
11	59.32	59.10	25.7	26.6	79	83	NE	3	ENE	4	7	9	46.2
12	60.92	58.85	23	27.7	94	77	ENE	4	ENE	4	10	9	15.5
13	60.05	59.42	25.7	29.1	79	66	ENE	3	ENE	3	5	5	1
14	60.69	59.28	23.5	29.2	87	68	ENE	1	ENE	3	4	5	------
15	59.94	58.85	25.4	29.4	74	65	NE	2	ENE	3	6	5	1.3
16	59.75	58.44	24.5	28.5	92	74	ENE	2	ENE	2	10	9	1.8
17	59.34	57.62	25	27	85	88	ENE	2	ENE	4	9	10	19
18	57.79	56.25	24.3	28.1	91	81	Calm		ENE	2	10	10	85.6
19	56.83	55.91	24.5	27.8	97	86	E	2	SE	2	10	10	47.5
20	57.36	56.39	24.9	27.8	92	82	E	2	ENE	3	10	9	18.8
21	57.53	56.75	24.2	29.3	94	75	E	2	ENE	3	10	7	12.2
22	57.98	57.45	25.2	29.4	92	72	E	1	ENE	2	9	9	------
23	58.09	57.70	21.1	29.2	97	64	Calm		ENE	2	4	6	------
24	58.14	57.33	21.7	29.7	96	70	Calm		NE	2	4	8	------
25	58.24	57.19	24.4	28.8	91	73	NNE	1	NNE	3	9	9	.3
26	57.32	56.61	25.3	28.1	81	75	N	2	N	3	9	9	------
27	56.81	56.43	24.8	29	75	66	N	2	N	4	9	6	5.3
28	56.49	55.40	25.1	25.8	92	95	NNE	3	N	2	7	10	90.4
29	56.91	56.22	25.8	25.9	90	96	Calm		Calm		9	10	88.9
30	------	------	------	------	------	------	------		------		------	------	------
31	------	------	------	------	------	------	------		------		------	------	------
Mean	58.28	57.31	23.8	29	90.3	74.3	1.2		2.5		6.1	6.2	------
Total	-----	-----	-----	-----	-----	-----	-------		-------		-----	-----	451.6

MARCH.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*					*0–10.*	*0–10.*	*mm.*
1	57.04	56.97	25	25	96	92	N	2	N	4	9	10	121
2	58.18	58.07	25.1	27.1	81	72	NNE	5	NNE	5	10	10	1.8
3	58.93	58.62	25.4	27.1	82	78	NE	5	NE	4	9	9	48.5
4	60.04	59.40	23.5	25.2	96	86	WNW	1	NE	2	10	10	31
5	59.87	58.69	23.6	29.5	96	73	NE	1	NE	2	7	4	------
6	58.03	56.70	24.1	28.3	96	75	Calm		ENE	2	7	7	2.5
7	58.07	57.34	21.5	28.8	94	67	E	1	ENE	1	1	4	------
8	58.84	57.91	20.2	30	91	64	Calm		E	2	3	1	------
9	59.44	58.18	22.2	29.7	96	70	Calm		ENE	2	3	4	1.3
10	58.78	57.51	24.7	30.6	94	67	ENE	2	NE	2	9	7	1.5
11	58.64	57.49	23.6	29.2	95	76	Calm		NE	2	6	8	6.4
12	59.21	58.30	25.7	28.2	84	77	ENE	2	NE	2	7	9	5.1
13	59.30	59.20	26.1	29.7	82	67	E	2	ENE	2	4	4	.8
14	58.97	57.94	25.7	29.5	84	69	NE	2	NE	3	9	9	2
15	57.59	57.16	25.2	26.2	91	85	NNE	2	NE	2	10	10	16.8
16	58.75	57.72	25.9	26.4	85	89	ENE	2	NE	1	10	10	39.9
17	59.36	58.71	24.5	28.1	92	72	NE	1	ENE	3	9	7	1.3
18	59.86	58.64	25.5	28.3	74	68	NE	2	NE	3	4	7	5.6
19	59.20	58.25	25.9	28.1	85	79	NE	3	ENE	3	9	9	5.8
20	59.21	58.65	25	29.6	83	70	E	1	ENE	2	4	5	.5
21	59	58.59	26.3	28.6	82	78	NE	2	NE	3	9	9	1.3
22	59.92	59.50	24.2	29.5	96	75	Calm		ENE	2	5	6	1
23	60.55	59.89	26	30.2	84	70	ENE	2	NE	3	4	3	4.6
24	61.28	60.34	25.8	29.3	81	76	NE	3	NE	3	6	7	.2
25	61.05	59.83	26	26.8	85	82	NE	3	NE	4	9	10	95.7
26	61.04	59.95	25.5	29	84	75	NE	4	NE	4	9	9	1
27	60.68	59.80	26.5	29.8	80	71	ENE	3	NE	3	4	5	------
28	60.66	58.96	26	29	82	76	NE	2	NE	3	5	5	24.6
29	59.36	57.89	25.8	29.3	85	76	NE	2	NE	3	4	4	6.1
30	58.91	57.49	25.7	29.5	85	73	NE	1	NE	3	7	6	6.6
31	58.10	56.93	25.2	29.3	88	67	NE	1	NNE	2	9	7	------
Mean	59.30	58.41	24.9	28.5	87.4	74.7	1.8		2.6		6.8	6.9	------
Total	-----	-----	-----	-----	-----	-----	-------		-------		-----	-----	432.9

APRIL.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*					*0–10.*	*0–10.*	*mm.*
1	57.32	56.27	24.2	30.1	92	68	NNE	1	NE	2	9	8	------
2	57.62	57.33	25	30.3	83	70	Calm		NNE	2	9	7	------
3	59.67	58.65	24.1	30.4	93	72	Calm		NNE	2	9	6	------
4	60.14	59.04	24.5	30.4	93	67	NNE	1	NNE	2	7	3	------
5	60.37	59.60	24.8	30	93	69	Calm		NNE	3	4	3	------
6	60.91	60.15	26.2	29.7	82	71	NE	2	NE	3	5	3	------
7	61.45	60.29	26.4	28	83	79	NE	3	NNE	3	10	10	19
8	61.79	59.83	23.7	29.3	95	72	Calm		E	2	7	5	23.1
9	61.06	59.35	23.6	28.3	93	78	NE	2	NE	3	10	10	3.6
10	60.11	59.68	25.2	29.7	86	68	NE	1	ENE	2	4	3	.8
11	59.75	58.63	25.7	29	83	76	NE	2	NE	3	7	6	19.3
12	59.78	59.04	26.3	29.6	90	72	ENE	2	ENE	3	6	5	.5
13	59.89	59.07	26.6	30	80	71	ENE	3	ENE	3	3	6	1
14	59.77	58.94	25.2	30.4	88	67	ENE	1	NE	2	4	5	3
15	58.61	57.14	26.1	30.4	83	71	NE	2	NNE	3	7	7	23.4
16	57.38	55.22	25.9	27.5	92	86	NNE	1	N	3	9	10	53.3
17	50.35	52.09	24.6	25.8	97	87	W	7	WSW	7	10	10	22.1
18	55.10	54.32	27	28.4	85	86	SSW	4	S	3	10	9	1
19	55.91	55.04	26.9	30.2	86	78	SSW	2	SSW	3	5	3	------
20	56.68	54.95	24.6	30.2	95	78	Calm		SSW	3	7	2	------
21	56.62	55.63	26.1	32.4	92	71	S	1	SSE	2	6	6	------
22	57.12	55.96	24.2	32.4	97	71	Calm		SSE	1	5	1	5.8
23	57.18	55.77	24.3	29.6	96	71	Calm		E	2	5	3	------
24	57.31	56.05	23.7	30	97	72	Calm		E	2	3	3	------
25	57.59	56.83	23.8	30.5	96	69	Calm		NE	2	1	8	------
26	58.07	57.75	25.2	29.4	94	76	Calm		NE	2	9	6	16.3
27	57.89	58.77	25.1	25.1	93	87	NE	2	ESE	2	10	10	42.9
28	58.39	57.10	24.5	29.5	96	77	NNE	1	N	2	9	9	24.6
29	58.37	57.30	24.1	30.5	95	70	Calm		ENE	2	9	9	3.8
30	58.18	57.98	26.3	29.5	87	72	NE	2	NNE	2	6	9	8.9
31	------	------	------	------	------	------	------		------		------	------	------
Mean	58.35	57.46	25.1	29.6	90.5	74.1	1.3		2.5		6.8	6.2	------
Total	-----	-----	-----	-----	-----	-----	-------		-------		-----	-----	271.9

GUIUAN.

[ϕ=11° 02′ N; λ=125° 44′ E; barometer above sea, 4.5 meters; gravity correction not applied, —1.83 mm.]

MAY.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	58.58	57.09	25.1	28.5	88	79	NE 1	N 2	10	10	40.4
2	56.86	53.65	25.4	25.5	95	95	NNW 3	NNE 3	10	10	114
3	53.66	54.73	25.9	25.9	96	94	Calm	SSE 3	9	10	37.3
4	57.29	56.22	25	29.5	95	76	E 1	ESE 2	10	7	10.6
5	56.59	56.39	24.5	24.5	96	95	Calm	Calm	7	10	59.5
6	57.44	55.78	25.1	30.1	90	75	W 1	S 1	10	1	18
7	57.33	56.83	24	30	97	74	Calm	ESE 2	6	6	14.2
8	58.89	57.85	24.6	28.5	94	78	WNW 1	NE 2	10	6	56.6
9	59.66	58.88	23.7	31.4	97	72	Calm	SE 2	9	4	6.1
10	59.32	57.98	23.5	30.6	97	75	Calm	SSE 2	3	4	------
11	59.13	57.33	23.7	31.1	97	75	Calm	S 1	7	7	------
12	58.65	57.74	23.8	29.9	97	71	Calm	ENE 1	7	9	13.7
13	58.54	56.78	23.6	30.3	97	68	Calm	SSE 1	9	9	------
14	57.97	56	25.4	29	95	78	Calm	WSW 2	7	9	4.3
15	57.86	56.70	24.4	31.8	96	68	Calm	ESE 2	9	5	.5
16	58.78	58.10	24.4	30.5	94	66	Calm	NE 2	9	7	4.8
17	59.35	59.20	25.9	29.4	85	78	Calm	NE 2	2	9	21.6
18	59.26	57.85	23.9	29.2	96	76	Calm	ENE 1	9	7	10.7
19	58.31	57.60	25	30.4	95	72	Calm	E 1	6	8	3.8
20	58.48	57.44	23.5	30.4	97	66	Calm	E 2	1	4	------
21	58.20	57.45	25.4	31.1	93	67	Calm	E 2	6	3	------
22	58.01	57.19	23.9	26	96	88	Calm	ENE 3	5	10	8.4
23	57.82	58.92	26	29.9	88	77	ENE 1	ENE 2	5	5	36.5
24	57.58	56.83	25	27	94	91	Calm	Calm	6	9	20.8
25	57.01	55.98	26.6	29.2	90	83	NE 1	NNE 2	7	9	14.5
26	56	56.18	26.6	29.1	93	79	ESE 3	SE 3	10	10	49.8
27	57.67	55.70	24.3	29.3	97	76	Calm	E 2	10	6	.5
28	56.77	55.75	24.1	29	97	76	Calm	Calm	4	9	------
29	57.11	55.89	24	31	97	71	Calm	ENE 2	7	6	------
30	57.94	56.60	24	30.5	95	66	Calm	ENE 2	6	3	------
31	57.79	57.28	23.7	31	96	64	Calm	E 2	4	4	------
Mean	57.83	56.84	24.6	29.3	94.5	76.4	0.4	1.7	7.1	7	------
Total	------	------	------	------	------	------	------	------	------	------	546.6

JUNE.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	57.83	56.89	24	30.9	95	64	Calm	ENE 2	3	2	------
2	57.32	56	23.1	32.3	96	68	Calm	SSE 2	1	2	------
3	57.32	56.31	22.9	32.1	97	71	Calm	SSE 2	6	4	------
4	57.06	56.27	24.5	29.9	96	77	ENE 1	SSE 1	7	6	13.7
5	57.26	56.07	24.2	30.1	96	71	Calm	ENE 2	7	4	1.3
6	56.49	55.15	24.5	29.4	96	72	Calm	Calm	9	8	6.9
7	56.50	55.10	23.3	30.5	97	72	Calm	ENE 2	3	4	8.1
8	55.59	55.16	25	28.3	95	86	Calm	SW 1	7	9	8.9
9	56.29	55.14	24.1	29.8	95	75	E 1	ENE 1	9	7	18.3
10	56.27	55.45	25.2	30	93	76	E 1	ENE 2	8	9	------
11	56.40	54.95	27.6	30.1	87	77	SSW 1	SSW 3	7	8	------
12	55.35	54.12	27.4	30.5	90	76	SW 3	SSW 3	9	9	------
13	55.01	54.08	27.8	29.9	84	77	SSW 4	SSW 3	10	9	25.4
14	55.81	55.60	26.6	29.8	85	79	SSW 3	SSW 3	10	9	------
15	56.21	55.18	27.7	29.9	84	82	SSW 3	S 4	7	7	------
16	55.80	54.74	27.8	31.3	87	76	SSW 4	S 3	6	5	------
17	56	55.07	27.8	30.6	82	77	S 3	S 2	7	8	4.8
18	56.35	56.05	26.7	28.8	86	73	Calm	ENE 2	6	10	23.4
19	57.36	57.14	24.9	28.3	96	80	Calm	SSW 3	10	10	------
20	58.05	56.96	27.2	29	88	77	SSW 3	SSW 3	10	10	------
21	57.47	56.98	27.3	29.6	84	74	WSW 2	W 1	9	9	8.6
22	58.43	57.04	24.5	29.9	94	71	Calm	SW 1	10	9	.8
23	58.84	58.40	23.7	31.2	96	71	Calm	SW 1	10	9	------
24	59.17	58.52	23.9	30	94	70	Calm	ENE 2	1	3	2
25	60.22	58.89	23.9	32.3	96	68	Calm	SE 2	4	3	------
26	59.50	58.44	24.4	31.9	95	72	Calm	SSE 2	3	6	------
27	59.62	58.02	24	30	95	71	Calm	SW 2	9	8	5.3
28	59.06	58.62	25.2	27.3	94	82	W 1	N 1	9	10	6.9
29	59.13	58.33	25.2	27.8	92	76	Calm	NNE 2	9	10	3.3
30	59.51	57.62	26.4	31.7	82	74	SSW 2	SSE 2	9	3	26.2
31	------	------	------	------	------	------	------	------	------	------	------
Mean	57.39	56.41	25.4	30.1	91.6	74.5	1.1	2	7.2	7	------
Total	------	------	------	------	------	------	------	------	------	------	163.9

JULY.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	58.15	56.63	23.2	29.9	97	69	Calm	N 2	4	9	7.6
2	58.22	57.20	23.7	28.9	96	65	Calm	SE 2	9	7	16.8
3	58.18	57.07	23.8	28	95	81	ENE 2	SSE 2	10	9	23.4
4	58.30	58.28	26.4	27.8	90	84	S 2	Calm	5	10	5.3
5	59.36	58.88	26	29.6	88	72	SW 2	NE 2	9	9	.3
6	59.39	59	23.5	30.2	97	74	Calm	E 1	7	7	5.8
7	59.47	58.49	23.3	29.8	97	69	Calm	ENE 2	5	5	27.9
8	58.74	57.70	22.9	31	97	78	Calm	SSE 2	1	4	2.8
9	58.88	57.97	24.5	31.4	94	70	Calm	SSE 2	5	3	1.5
10	58.77	58.20	24.2	31	91	71	Calm	ENE 2	6	5	9.7
11	58.81	58.15	24	31.6	96	75	Calm	ESE 2	6	7	5.3
12	58.78	58.08	23.8	30.6	96	68	Calm	E 2	3	5	2
13	58.90	58.14	25.7	30.7	86	67	Calm	E 2	9	9	27.9
14	58.46	58.46	26.4	31.8	86	70	SE 3	SE 2	10	6	1.3
15	58.78	57.24	24	30.2	95	71	E 1	NNE 3	4	6	9.9
16	57.29	56.26	24.6	27.2	94	87	Calm	ENE 1	10	10	33.5
17	56.78	56.65	24.3	30.1	97	77	Calm	ESE 2	10	10	13.9
18	58.18	56.98	25.2	28.4	97	80	S 3	SE 1	10	9	16
19	57.59	56.89	23.8	28	97	84	Calm	E 1	4	6	2.5
20	57.26	56.14	26.5	32	88	71	SSE 2	SE 1	1	3	------
21	57.56	56.21	27.3	30.9	83	74	SE 1	S 2	3	1	------
22	56.75	56.24	26.5	31	88	74	Calm	SSW 2	7	4	------
23	56.40	55.20	27.6	31.5	87	71	SSE 2	S 2	3	4	------
24	56.44	56.02	27.8	30.5	83	78	SSE 3	S 3	9	9	1.5
25	57.60	56.47	27.5	30.5	88	76	SSE 2	S 3	9	7	------
26	57.54	56.01	28	31.3	85	75	S 2	SSW 2	3	1	1.3
27	56.78	56.23	25.7	32	93	69	Calm	S 2	7	3	------
28	56.66	56.38	27.4	31.1	89	75	SSE 2	S 2	6	9	------
29	56.89	56.03	28	30.8	85	73	SSE 2	S 2	6	3	------
30	57.13	56.13	25.2	31.8	92	70	Calm	S 2	6	6	------
31	57.32	56.28	24.2	32.2	96	70	SE 1	SSE 2	7	5	------
Mean	57.91	57.08	25.3	30.4	91.7	73.8	1	1.9	6.3	6.2	------
Total	------	------	------	------	------	------	------	------	------	------	216.2

AUGUST.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	57.82	57.36	26.5	31.2	88	68	SE 2	SSE 1	6	1	0.5
2	57.95	57.48	27.6	31.6	86	73	S 2	SSE 2	5	4	------
3	58.98	57.66	27.7	31	84	69	S 2	S 2	3	4	2.8
4	59.44	58.41	27.7	31.6	88	73	SSW 3	SSE 2	7	4	1
5	59.16	58.20	27.4	30.5	87	72	SSW 4	SSW 3	5	7	1.3
6	58.82	58.30	27.3	30.1	81	71	SW 4	SSW 3	9	8	------
7	59.03	58.46	27.4	32.2	86	65	SSW 2	S 2	5	4	------
8	59.29	57.77	28	31.1	82	72	SSW 3	SSW 3	9	5	------
9	58.26	55.96	28.4	31.1	80	69	SSW 3	SSW 4	6	5	------
10	56.76	55.37	28.1	30.4	80	76	SSW 4	SSW 4	10	9	------
11	56.23	55.17	28.2	30.7	77	75	SSW 4	SSW 4	9	7	------
12	56.28	55.39	28.1	31	75	75	SSW 4	SSW 4	8	9	------
13	56.28	56.07	28	31.9	82	70	S 4	SSE 3	9	4	------
14	58.25	57.96	27.4	33	87	63	SE 3	SE 2	5	4	.5
15	59.94	58.97	25.1	31.8	92	70	ESE 1	SSE 2	9	4	------
16	59.45	58.16	27.6	32.9	81	64	SSE 2	SE 2	4	3	------
17	58.25	57.51	27	31.1	81	67	S 3	S 3	9	6	2.3
18	58.30	57.70	26.7	31.4	83	70	S 2	SSE 2	7	6	------
19	58.96	57.94	27.6	30.1	82	72	S 3	SSE 2	7	9	------
20	58.75	57.51	27.1	32.7	85	63	SE 2	SE 2	9	3	3.8
21	59.38	58.79	26.9	30.8	87	71	SE 2	SE 2	4	6	------
22	60.07	58.96	23.6	32.6	94	66	ESE 1	SE 2	7	6	------
23	59.49	57.69	23.2	30.3	95	72	ESE 1	ESE 3	6	7	.8
24	58.32	57.38	25.9	31.8	82	65	SE 2	SE 3	5	5	3.3
25	58.45	57.78	25	30.4	90	66	SE 1	ESE 3	3	7	18
26	59.37	58.47	24	26.6	96	89	E 1	ENE 1	10	10	12.2
27	58.16	56.89	24.3	30.4	97	68	Calm	NE 2	7	7	33.8
28	57.56	56.48	23.7	31.6	94	72	Calm	SE 2	9	6	18
29	57.83	57.57	23.7	31.2	96	71	E 1	SSE 2	9	5	------
30	58.65	58.23	22.7	31.1	97	71	SE 1	SE 1	5	6	6.9
31	59.46	58.27	23.8	27.4	95	85	E 1	NE 2	8	9	14.7
Mean	58.48	57.54	26.3	31	86.8	70.7	2.2	2.4	6.9	5.8	------
Total	------	------	------	------	------	------	------	------	------	------	119.9

GUIUAN.

[ϕ=11° 02′ N; λ=125° 44′ E; barometer above sea, 4.5 meters; gravity correction not applied, —1.83 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*					*0–10.*	*0–10.*	*mm.*
1	58.76	57.96	24.7	26.7	96	88	Calm		E	1	9	9	8.9
2	58.24	56.30	24.4	30.4	94	75	Calm		S	3	9	5	------
3	57.04	55.98	27.4	31.6	82	69	S	3	S	3	10	10	------
4	56.66	56.01	27.4	31.4	80	72	SSE	3	SE	4	9	6	------
5	57.49	57.54	27.7	27.7	83	77	SE	3	SE	3	6	10	7.9
6	58.82	57.12	26.1	30.4	85	69	ESE	2	E	2	9	6	------
7	57.96	56.47	23.8	30	96	68	Calm		NE	2	5	5	11.2
8	58.38	57.17	24.1	29.8	97	72	Calm		NNE	2	9	7	2.5
9	57.76	57.08	23.7	27.8	97	76	Calm		NE	2	3	10	33
10	57.83	56.67	25.6	30.8	95	74	SE	3	SE	4	10	7	6.9
11	59.05	58.34	24.7	25.2	96	90	Calm		ESE	2	10	10	36.8
12	60.16	57.95	23.6	29	97	78	NNE	1	SW	2	10	5	91.9
13	57.88	56.69	24.3	24.5	92	94	Calm		Calm		7	10	9.4
14	56.88	56	26	28.5	87	82	SE	3	SSE	2	7	9	3
15	57.51	56.95	24.5	29	97	81	Calm		Calm		10	10	28.4
16	58.12	56.85	23	30.4	97	72	Calm		E	2	5	6	2
17	57.47	55.61	23.5	31.3	97	73	Calm		SSW	1	8	5	3.3
18	56.86	55.65	24	31	97	75	Calm		SSE	2	6	2	------
19	56.58	55.18	27.4	30.9	87	74	WSW	2	SW	3	3	3	11.4
20	57	55.58	27.7	30.7	84	76	WSW	3	SW	3	5	7	------
21	55.91	54.69	27.7	29.4	84	80	WSW	3	WSW	3	10	10	------
22	55.33	53.98	27.6	29.4	82	78	WSW	3	WSW	3	10	10	------
23	54.95	53.97	27.4	30.1	84	71	SW	4	SSW	3	10	9	4.6
24	55.16	54.81	27.4	27.5	81	81	SSW	4	SSE	4	10	10	13
25	56.58	55.17	25.9	29.7	85	76	SSE	4	SSE	4	10	9	------
26	56.56	55.53	26.5	29.7	88	71	SSE	3	SSW	3	10	9	9.4
27	58.02	56.27	23.3	29.3	95	77	Calm		WSW	2	10	9	------
28	56.79	56	26.8	29.5	85	73	WSW	2	WSW	1	9	10	------
29	56.51	56.37	24.6	30.3	95	76	Calm		S	2	10	9	------
30	58.19	57.62	23.1	32.7	96	66	Calm		SE	2	1	4	1.3
31	-----	-----	-----	-----	-----	-----	-----		-----		-----	-----	------
Mean	57.35	56.25	25.5	29.5	90.4	76.1	1.5		2.3		8	7.7	------
Total	-----	-----	-----	-----	-----	-----	-----		-----		-----	-----	284.9

OCTOBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*					*0–10.*	*0–10.*	*mm.*
1	58.92	57.23	24.6	32.8	95	67	ESE	1	SE	2	2	4	1
2	58.40	57.55	23.2	28	97	78	Calm		ESE	1	6	7	12.5
3	58.46	57.59	25.8	28.4	87	80	S	3	W	3	9	9	7.6
4	58.76	57.97	26.6	30.5	89	73	SSE	2	SSE	1	8	6	------
5	59.14	57.88	27.3	32	83	69	SE	3	SE	2	5	5	------
6	58.30	56.80	23	30.8	97	59	Calm		E	2	6	2	------
7	57.43	56.09	24	27.8	93	82	Calm		N	1	9	8	37.6
8	57.22	56.73	25	29.1	87	85	W	2	SW	3	9	10	------
9	58.72	58.08	27.3	32	85	69	SSE	3	S	2	9	9	------
10	60.04	58.54	24	30.8	96	65	Calm		NE	2	4	3	3
11	58.58	57.34	23.9	30.7	96	71	Calm		NE	3	9	5	2.8
12	57.82	56.53	24.2	30.2	96	72	Calm		ENE	2	5	6	15.5
13	58.27	57.47	25.2	27.4	92	85	SE	1	E	1	10	10	9.2
14	58.08	56.72	24.6	29.9	92	69	ENE	2	ENE	2	8	6	27.1
15	57.08	55.78	24.5	28.5	95	79	ENE	1	NE	2	9	9	26.4
16	57.46	55.87	25.3	28	93	82	SE	3	SE	2	10	10	6.9
17	58.71	56.60	24.7	28	94	82	E	1	E	1	10	10	18
18	58.12	56.74	24.9	30.1	94	71	Calm		ESE	2	9	7	7.9
19	57.76	55.97	24.6	29.6	97	77	ENE	1	E	2	5	8	3.5
20	57.45	56.48	26.7	27.8	85	79	E	2	ENE	2	4	8	19.8
21	58.26	57.12	24.8	30.9	90	69	E	2	E	2	10	9	31.8
22	58.16	56.88	26.4	29.1	90	80	SSE	1	NNE	2	5	9	2.3
23	57.88	56.40	25.2	27.6	92	86	ENE	1	SSW	2	9	9	40.7
24	58.09	57.84	24.9	28	95	79	SE	2	SE	3	10	9	9.1
25	59.82	58.14	23	29.3	97	71	Calm		ENE	2	3	6	8.4
26	60.56	58.81	23.9	29.1	97	76	ENE	1	ENE	3	9	8	13.7
27	58.98	57.23	24	29.8	94	77	ENE	1	ENE	3	9	5	13.2
28	57.67	56.19	26	30.4	91	70	ENE	3	ENE	3	7	3	.5
29	57.73	57	24.4	30.7	91	70	Calm		NE	2	3	7	3.8
30	58.15	56.73	23.8	29.3	95	74	NE	1	NNE	1	3	6	------
31	57.75	55.53	22.7	30.6	97	65	Calm		E	1	2	4	------
Mean	58.32	57.03	24.8	29.6	92.6	74.5	1.2		2		7	7	------
Total	-----	-----	-----	-----	-----	-----	-----		-----		-----	-----	322.3

NOVEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*					*0–10.*	*0–10.*	*mm.*
1	56.34	54.79	23.9	29.7	96	76	NE	1	SW	1	6	7	31.7
2	56.58	55.94	23.4	27.9	96	79	Calm		NE	1	9	9	10.2
3	57.77	56.08	24.1	28.9	97	76	Calm		Calm		9	9	13
4	57.59	55.28	24.4	30.3	95	66	Calm		N	3	7	6	------
5	56.47	55	25.6	29.2	85	78	WNW	1	WNW	2	9	8	------
6	56.75	55.40	22.4	29.4	96	75	Calm		Calm		7	9	6.9
7	56.78	55.87	22.8	29.7	97	70	Calm		NE	2	5	6	4.1
8	57.37	56.84	24.1	30.8	97	74	Calm		SSW	1	8	7	------
9	58.02	57.25	24	30.1	97	71	Calm		NE	1	7	8	5.9
10	58.33	56.58	23.3	30.3	97	72	Calm		N	2	4	4	7.6
11	57.03	56.57	25.4	26.6	93	91	NNE	2	NNE	3	8	10	38.9
12	58.81	57.55	24.9	27	90	82	NE	4	NE	3	10	10	20.1
13	58.62	57.56	24.9	28.9	90	75	NE	3	NE	4	9	7	24.9
14	58.47	56.07	24.1	27	86	90	NE	4	NE	2	10	10	8.1
15	56.56	55.23	23.7	29.3	97	70	Calm		W	1	9	9	14.5
16	56.81	54.95	23.9	30	96	75	SW	1	SW	2	10	8	.3
17	56.86	55.59	26.9	30.5	86	72	S	2	S	2	7	2	------
18	58.36	57.63	25.1	30.7	94	72	Calm		SSW	3	6	5	4.6
19	58.82	57.03	26.5	31.1	90	71	SSW	2	S	1	9	9	4.8
20	58.45	56.69	25.4	30.6	93	74	Calm		SSE	1	9	8	17.3
21	58.58	56.89	23.4	29.2	96	76	Calm		ENE	1	6	5	8.6
22	59.33	57.03	22.7	29	95	69	E	1	S	1	10	8	5.1
23	58.73	57.27	21.6	27	97	83	E	1	ENE	1	3	9	21.9
24	57.95	56.29	23.7	30	97	73	ENE	1	NE	2	9	3	9.4
25	55.43	55.33	24.4	30.2	94	65	Calm		N	3	6	6	------
26	54.40	53.27	25	29.3	86	76	NW	1	NW	2	9	10	------
27	54.37	52.75	25.6	29	88	79	W	3	WSW	4	9	9	1.3
28	54.51	53.30	26.1	28.2	87	80	W	4	W	4	10	10	88.1
29	54.78	53.18	24.2	25.5	97	92	W	3	W	4	10	10	31.2
30	55.48	55.45	24.5	28.5	89	70	NNW	3	NNW	4	10	10	5.1
31	-----	-----	-----	-----	-----	-----	-----		-----		-----	-----	------
Mean	57.18	55.82	24.3	29.1	93.1	75.7	1.2		2		8	7.7	------
Total	-----	-----	-----	-----	-----	-----	-----		-----		-----	-----	333.6

DECEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*					*0–10.*	*0–10.*	*mm.*
1	55.72	53.65	24	25.4	87	93	NW	2	WNW	2	10	10	20.6
2	54.94	55.29	23	28.1	96	70	Calm		Calm		9	10	------
3	57.13	56.85	24.8	30.1	87	71	E	1	E	2	7	6	2
4	57.98	56.77	25.9	30.1	87	71	E	2	NE	2	3	6	52.8
5	56.40	55.56	25.8	30.3	90	71	NNE	2	NE	2	9	8	2.8
6	56.25	55.70	25.1	29.5	94	73	NNE	1	ENE	2	9	6	.5
7	56.38	55.64	24.2	29.6	96	72	Calm		NE	2	5	4	5.9
8	56.69	55.91	24.8	29.5	90	71	NE	2	ENE	3	4	7	.6
9	56.98	56.21	25.9	28.5	85	80	NE	2	NE	2	6	9	6.9
10	57.21	56.39	25.8	29.5	88	75	ENE	1	ENE	3	5	6	3
11	57.05	55.90	25.9	28.2	86	76	NE	2	NE	3	7	9	21.8
12	56.69	56.14	24.5	25.2	94	89	NE	1	ENE	3	9	10	28.7
13	57.03	55.51	25.9	27.6	89	84	NE	2	NE	2	7	8	55.9
14	56.91	56.01	24.9	27.8	91	84	ENE	2	E	1	10	9	20.8
15	55.78	55.15	25.6	26	93	83	ENE	2	ENE	2	8	10	38.3
16	56.84	55.28	24.2	28	93	82	E	2	ENE	2	10	9	2.8
17	56.18	55.35	25.9	26.6	89	89	E	2	ENE	2	9	10	37.5
18	56.69	55.16	24.7	27.9	94	82	ENE	1	E	2	8	9	14.7
19	57.03	55.71	25	30	92	71	ENE	1	E	2	3	3	------
20	57.30	55.81	21.4	29.1	96	74	Calm		NE	2	4	9	4.1
21	57.62	56.12	24	27.4	94	78	Calm		NE	2	8	10	2.5
22	57.15	55.36	25.4	29.7	88	74	ENE	1	NE	2	8	8	.3
23	57.22	56.06	24.2	29.3	85	67	ENE	1	NNE	2	4	4	8.4
24	56.83	56.17	24.3	27.5	92	79	NE	1	ENE	3	8	10	21.1
25	57.02	56.48	24.2	26.1	97	84	NE	1	ENE	3	10	10	75.7
26	56.27	55.95	25.6	25.6	93	93	NE	2	NE	1	10	10	19.1
27	56.60	55.68	25.6	27.9	89	79	NE	3	ENE	3	10	10	10.9
28	57.48	56.45	25.2	27.5	87	82	ENE	3	NE	4	9	8	.3
29	57.68	56.16	25.2	26.7	91	83	ENE	4	ENE	5	8	9	31
30	57.58	55.86	23.9	27.1	96	80	E	2	E	2	10	10	26.2
31	53.76	57.08	23.9	28.7	97	80	Calm		SE	2	10	9	1.3
Mean	56.88	55.85	24.8	28.1	91.2	78.7	1.5		2.3		7.6	8.3	------
Total	-----	-----	-----	-----	-----	-----	-----		-----		-----	-----	516.5

BORONGAN.

[$\phi = 11°\ 37'$ N; $\lambda = 125°\ 26'$ E; barometer above sea, 10 meters; gravity correction not applied. —1.81 mm.]

JANUARY.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	55.42	51.52	24.1	25.2	96	96	WNW 3	E 3	10	10	64.8
2	55.38	54.15	23	29.4	96	75	S 1	S 3	10	8	1
3	57.26	57.01	22	29	97	78	Calm	ESE 3	4	6	3.3
4	60.18	59.18	23.6	29.9	99	77	Calm	S 3	10	6	2.3
5	60.89	59.36	26	29.5	87	83	ENE 3	ENE 3	3	9	11.9
6	59.92	59.39	22.9	28.6	98	78	Calm	E 3	8	8	40.3
7	60.39	59.66	25.8	29.4	89	73	E 3	E 3	8	6	10.4
8	60.82	60.17	24.9	29.2	92	76	Calm	E 3	8	7	13.2
9	61.84	59.93	24.9	28	88	87	N 3	E 3	10	9	12.5
10	61.95	59.91	24.9	29.4	94	76	Calm	NE 3	9	8	7.9
11	61.61	59.66	26.5	29.4	80	79	NE 3	NE 3	9	5	2.3
12	59.48	58.73	26.5	27.9	86	85	N 1	NE 3	10	10	35.1
13	58.95	57.76	27	25	78	96	NNE 3	NNW 3	10	10	64
14	56.06	53.59	25.5	23.1	92	100	NNE 4	NW 5	10	10	111.2
15	52.58	52.56	24.6	28.3	95	82	SE 5	SE 3	10	10	26.5
16	52.84	53.44	26.5	24.4	88	97	SE 1	NW 3	10	10	84.9
17	56.42	56.72	24	24.3	91	85	NW 3	WNW 3	10	10	27.4
18	59.91	58.11	22	24.4	94	88	WNW 3	NW 3	10	10	34
19	59.31	58.70	22.5	25.5	94	78	NW 3	NW 3	10	10	5.6
20	59.16	58.20	22.5	24.5	92	83	N 2	NW 2	10	10	26.9
21	57.53	56.33	23.5	27.5	96	86	WNW 2	WNW 3	10	10	53.9
22	56.69	55.98	25.1	26	99	97	SE 2	E 3	10	10	92.7
23	56.74	55.83	24.5	26.4	96	93	Calm	NE 2	10	10	64.3
24	57.54	56.62	23.7	24.6	98	99	Calm	E 3	10	10	112.2
25	58.81	57.86	25.9	25.5	93	96	NE 3	NNE 3	10	10	33.5
26	58.39	57.60	26	25.8	92	95	E 3	ESE 3	10	10	49.3
27	58.71	57.45	25.6	25.4	90	93	E 3	ESE 2	9	10	69.9
28	59	56.85	23.6	28.4	98	85	Calm	E 3	10	9	19.1
29	57.57	56.12	23.6	26.9	99	93	Calm	E 3	7	10	130.1
30	57.88	55.98	22.4	29.2	96	76	Calm	SSE 3	9	8	
31	56.68	55.69	22	29.7	99	76	Calm	SSE 3	2	6	
Mean	58.26	57.10	24.4	27.1	93	85.8	1.7	3	8.9	8.9	
Total											1,210.5

FEBRUARY.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	56.82	56.30	22.6	30.1	99	73	Calm	SSE 3	2	4	5.3
2	57.67	56.28	23.9	29.5	98	74	Calm	SSE 3	9	5	
3	57.92	56.72	22.4	29	98	81	Calm	SSE 3	3	6	
4	58.30	57.43	22.6	28.4	99	81	Calm	S 3	3	8	1.5
5	58.17	56.82	22.3	30	98	74	Calm	S 3	2	5	
6	58.88	57.16	22	30.5	99	71	Calm	E 3	2	5	
7	57.47	56.84	22.4	28.4	96	70	Calm	E 3	3	5	
8	57.69	56.69	20.1	29	99	69	Calm	E 3	3	4	
9	59.69	58.44	19	29	95	58	W 2	ENE 3	3	5	
10	60.31	59.62	19.5	29.4	95	63	Calm	NE 3	3	5	
11	60.08	59.30	26	28	79	77	NNE 3	ENE 3	6	6	15.2
12	60.96	60.13	26.3	26	75	82	E 3	E 3	10	10	18.8
13	60.51	59.91	26.3	28.5	78	70	NE 3	NE 3	10	9	
14	61.20	59.60	23	29	98	68	Calm	ENE 3	9	7	
15	60.29	59.28	21.5	29.4	97	70	Calm	ENE 3	5	5	
16	60	58.89	23.1	29.2	97	75	Calm	SE 3	9	10	23.1
17	59.84	58.27	23.5	27	98	87	Calm	E 3	10	10	23.7
18	58.52	56.68	23.6	26.9	97	83	Calm	E 3	10	10	68.1
19	57.22	56.05	23.9	27.9	97	81	Calm	E 3	10	10	33.8
20	57.52	56.97	24	27.4	98	85	Calm	E 3	10	10	46
21	58.29	57.02	23.9	28.4	97	80	Calm	SE 3	10	10	54.4
22	58.57	57.53	23.7	29	98	75	Calm	ESE 3	10	10	1.8
23	58.52	57.99	21.5	29	99	71	Calm	E 3	6	9	
24	58.70	57.43	21.4	28.6	98	73	Calm	E 3	5	9	
25	58.73	57.38	21.6	28.8	99	73	Calm	NE 3	10	10	
26	57.81	56.92	22	27.6	97	76	Calm	N 2	10	10	
27	57.20	56.77	21.1	28.5	95	60	Calm	NNW 3	8	8	3.3
28	57.30	55.78	24.3	26.7	97	92	Calm	NNW 3	9	10	14.2
29	57.30	56.03	25	29.4	98	84	Calm	NW 3	10	10	26.7
Mean	58.67	57.59	22.8	28.6	95.4	75	0.4	3	6.9	7.8	
Total											335.9

MARCH.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	58.63	58.17	23	23.9	96	96	NW 3	NW 3	10	10	14.8
2	59.07	58.30	24.5	23.2	82	91	NNW 3	NNW 3	10	10	30.7
3	60.60	59.65	24.5	25.5	84	85	N 3	NNE 3	10	10	51.3
4	61.45	60.15	23.2	24.5	94	93	ESE 1	ESE 2	10	10	49.5
5	60.28	58.64	22.5	29.4	99	74	Calm	E 3	10	5	10.2
6	58.51	57.08	23.7	28	98	82	Calm	E 3	9	10	7.1
7	58.36	57.42	21.5	29.4	99	68	Calm	ESE 3	3	2	
8	59.02	58.06	20.5	29	99	74	Calm	ESE 3	8	5	
9	59.86	58.58	21.3	29.4	97	75	Calm	ESE 3	3	5	
10	59.16	57.77	22.8	29.5	97	71	Calm	ESE 3	10	8	.8
11	58.72	57.66	25.5	27.6	98	81	Calm	NW 3	6	6	16
12	59.64	58.84	25	28	96	81	E 3	E 3	10	10	11.2
13	60.18	59.50	26.5	30	83	73	E 3	E 3	9	5	
14	59.31	58.37	26	28.4	81	72	NE 3	NE 3	6	7	1.3
15	58.20	57.45	24	25.9	96	88	Calm	NNW 3	10	10	22.6
16	59.17	58.15	24	26	96	89	Calm	E 3	10	10	56.1
17	59.75	59.33	25.4	28.9	90	75	E 3	E 3	10	5	
18	60.18	59.12	24.8	28.8	88	67	E 3	NE 3	5	8	
19	59.74	58.84	26.7	29	82	74	NE 3	ENE 3	9	10	7.9
20	59.43	58.87	26.4	29.7	84	71	ENE 3	E 3	9	5	.3
21	59.66	59.13	23.9	28.9	97	76	Calm	E 3	10	10	1.5
22	60.37	59.90	24.9	29.9	97	75	Calm	E 3	6	5	1
23	60.86	60.35	26.5	30.4	86	70	E 3	NE 3	6	5	
24	61.83	60.82	26	28.7	83	75	N 3	N 3	5	8	25.4
25	61.90	60.43	24	27.5	98	73	NNE 3	NNW 3	10	10	41.4
26	61.83	60.46	25	28.7	96	76	NNW 3	NNW 3	10	6	.3
27	61.18	60.21	26.5	28.6	83	76	NE 3	NE 3	6	9	1.5
28	61.14	59.46	24	29.1	99	77	Calm	NE 3	8	8	.5
29	59.74	58.28	24.6	29.4	95	77	Calm	ENE 3	5	7	15.8
30	59.40	57.93	26	28.9	89	78	NE 2	NE 3	8	9	14.2
31	58.40	57.21	23.7	29.1	98	71	Calm	NE 3	10	10	
Mean	59.86	58.84	24.3	28.2	92.3	77.5	1.5	3	8.1	7.7	
Total											381.4

APRIL.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	57.60	56.27	22	29.8	99	72	Calm	NE 3	10	10	
2	57.93	57.23	22.4	30	96	76	Calm	NE 3	6	6	
3	59.90	58.63	23	30.4	99	73	Calm	NNE 3	10	6	
4	60.55	59.12	22.4	30.6	96	70	Calm	NE 3	5	5	
5	60.87	59.75	22.9	30	99	75	Calm	NE 3	8	5	1
6	61.50	60.78	24	28.9	96	75	Calm	NE 3	7	5	3.3
7	62.17	60.73	24.6	28.9	94	75	N 1	NNW 3	10	10	7.4
8	62.13	60.20	24.4	29.4	94	76	Calm	NE 3	10	5	3.3
9	61.12	59.82	24.8	26.3	93	87	NNW 1	NNE 3	8	10	13.3
10	60.70	59.96	22.9	29	99	74	Calm	NE 3	8	6	3
11	60.34	59.12	24	29.1	96	74	NE 3	NE 3	5	7	9.9
12	60.23	59.43	27	29.9	87	75	NE 3	ENE 3	5	10	1.8
13	60.48	59.50	27	30	84	75	ENE 3	ENE 3	5	5	2.8
14	60.11	59.21	26.7	30.2	90	70	ENE 2	ENE 3	8	5	1.5
15	59.10	57.67	25.9	29.9	82	70	N 2	NE 3	8	5	6.1
16	57.90	55.83	25.4	29	95	81	Calm	NW 3	10	10	43.2
17	49.64	49.34	24.4	24.7	90	92	W 5	SW 5	10	10	42.1
18	54.76	54.27	25.7	29	93	81	SW 3	SSW 2	10	10	
19	56.01	55.11	23.7	32.9	97	60	Calm	W 3	5	5	
20	56.89	55.06	23	30	99	74	Calm	W 3	6	7	
21	56.77	55.51	23	30.4	99	72	Calm	NE 3	5	6	
22	57.14	56.07	23	29	98	78	Calm	NE 3	5	6	
23	57.01	56.18	22.6	28.4	99	77	Calm	ENE 2	2	10	17.8
24	57.35	56.06	24.4	30.5	96	71	Calm	E 3	6	5	
25	57.62	56.95	22.9	30.5	99	67	Calm	E 3	3	3	10.9
26	58.61	57.87	24.7	30	98	74	Calm	ENE 3	10	10	9.9
27	58.24	58.30	24.7	24.8	98	93	Calm	Calm	10	10	15.2
28	58.77	57.37	23.5	30	99	73	Calm	ENE 3	10	10	20.6
29	58.26	57.73	23.5	29.9	99	75	Calm	NNE 2	9	9	3.6
30	58.64	58.32	23.5	29.6	99	70	Calm	NW 3	6	10	22.1
Mean	58.61	57.58	24.1	29.4	95.4	75.2	0.8	2.9	7.1	7.4	
Total											288.8

BORONGAN.

[$\phi = 11° 37'$ N; $\lambda = 125° 26'$ E; barometer above sea, 10 meters; gravity correction not applied, −1.81 mm.]

MAY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	59.09	57.14	23	29.4	98	72	Calm	NNW 3	10	10	26.2
2	56.75	54.89	25.4	26.5	92	91	NW 2	NW 3	10	10	51.1
3	54.46	54.89	26.7	25.8	94	93	NE 3	SE 3	10	10	20.6
4	56.99	56.38	26.4	29.3	93	76	SE 1	SE 3	9	7	2.1
5	56.67	56.87	24	24	98	96	Calm	Calm	8	10	40.2
6	57.55	55.91	24.5	29.4	95	76	Calm	SE 2	10	4	21.5
7	57.50	57.16	24.1	29.4	97	75	Calm	SE 3	9	6	55.6
8	59.37	57.98	23.4	29.7	99	76	Calm	SE 3	10	5	17.3
9	59.98	59.02	24	30	98	74	Calm	SSE 2	10	6	------
10	59.41	58.03	23.4	30.2	98	73	Calm	SSE 2	3	3	------
11	59.47	57.16	23	30.8	98	72	Calm	SSE 3	5	5	------
12	58.87	57.46	24	30.5	97	68	Calm	SSE 3	5	5	2.5
13	58.71	56.66	23.2	29.6	97	70	Calm	SSE 3	5	7	------
14	58.02	55.93	24	29.9	96	72	Calm	SE 2	5	10	3.8
15	57.94	56.82	23.9	29.5	97	75	Calm	SSE 3	9	9	8.1
16	58.88	58.37	24.2	29.9	97	74	Calm	SE 2	10	8	------
17	59.79	59.05	23	31.2	99	70	Calm	E 3	5	6	18
18	59.97	57.80	24.3	27.3	97	82	Calm	SE 2	10	10	17.3
19	58.52	57.67	23.6	29.1	98	77	Calm	SE 2	8	5	.8
20	58.54	57.70	24.1	30.6	98	74	Calm	ESE 3	3	5	2.8
21	58.42	57.58	23.1	30.6	99	68	Calm	E 3	6	4	------
22	58.22	56.91	24	29.9	98	76	Calm	NE 3	10	10	11.4
23	58.30	57.11	23.5	28.2	99	81	Calm	ENE 2	10	7	22.1
24	57.79	57.17	25	26.3	97	94	Calm	ENE 1	6	10	27
25	57.35	56.18	25.4	30.6	98	74	Calm	NNE 3	5	7	16.7
26	56.09	56.33	26.9	28.8	93	79	E 3	SE 3	10	10	52.3
27	57.96	55.92	23.4	30.4	99	76	Calm	SE 3	10	5	------
28	56.85	56.13	24.1	27.9	98	83	Calm	Calm	4	10	------
29	57.27	56.12	23.5	30.4	98	72	Calm	E 3	5	6	------
30	58.40	56.77	22.8	30.9	97	70	Calm	E 3	5	3	------
31	58.21	57.20	23.7	30.6	97	68	Calm	ESE 3	5	5	------
Mean	58.11	56.98	24.1	29.2	97.1	76.7	0.3	2.5	7.4	7	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	417.4

JUNE.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	58.20	57.11	23.5	29.6	95	66	Calm	ESE 2	6	8	------
2	57.48	55.83	22.9	31.5	96	64	Calm	ESE 3	2	3	------
3	57.46	56.20	23.5	31	96	68	Calm	ESE 2	4	4	------
4	57.31	56.51	23.4	30.9	97	71	Calm	ESE 3	2	6	------
5	57.51	56.10	24.4	30.9	96	74	ESE 1	ENE 3	4	5	------
6	56.35	55.38	23.4	27.9	97	78	Calm	ENE 2	10	10	4.3
7	56.69	55.41	23.3	30.6	97	73	Calm	E 2	5	5	.5
8	55.80	55.17	24.5	29.1	98	76	Calm	ESE 3	5	9	1.5
9	56.50	55.31	23.4	30.1	97	77	Calm	SE 3	8	5	4.6
10	56.35	56.09	24	27.5	98	91	Calm	ESE 1	5	10	1.8
11	56.44	54.97	24.1	24.6	98	98	Calm	N 2	5	10	36.1
12	55.40	53.53	24.5	30.5	97	75	Calm	S 3	10	10	------
13	54.88	53.77	24.7	31.4	97	72	Calm	S 3	10	10	25.4
14	55.84	55.26	23.7	30.9	98	66	Calm	SW 2	10	10	------
15	56.44	54.82	24.5	33.6	97	58	Calm	SW 3	6	6	------
16	55.96	54.31	25	32.6	96	70	Calm	SSE 3	3	5	1.5
17	56.22	55.23	25.5	30.1	98	75	Calm	E 3	10	10	15.7
18	57.39	55.96	24.5	30.4	98	75	SSE 3	SE 3	10	10	30
19	57.10	56.81	24.3	29.5	97	81	Calm	Calm	10	10	------
20	58.01	56.68	24.5	30	97	77	Calm	E 3	10	10	.8
21	57.78	56.98	24.7	25.9	98	93	Calm	Calm	9	10	25.2
22	58.56	57.11	23.6	28.5	98	81	Calm	E 2	10	10	.8
23	58.92	58.87	23.3	29.4	97	74	Calm	E 3	10	10	------
24	59.47	58.81	22.9	29.8	97	76	Calm	E 3	4	9	------
25	60.63	59.06	23.6	30.7	97	72	Calm	E 3	5	5	------
26	59.70	58.72	23.5	29.8	97	73	Calm	E 3	4	5	------
27	59.52	58.10	23.4	29.3	97	79	Calm	ESE 1	10	10	1
28	59.20	58.41	23.9	27.6	97	87	Calm	ENE 2	8	10	2
29	59.31	58.33	23.5	30.7	97	70	Calm	ENE 3	5	10	.8
30	59.64	57.78	23.1	30	97	70	Calm	E 2	5	3	47
Mean	57.54	56.42	23.9	29.8	97.1	75.2	0.1	2.4	6.8	7.9	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	199

JULY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	58.45	57.01	22.5	29.8	98	71	Calm	NNE 3	5	6	5.3
2	58.42	57.19	22.9	29.4	97	71	Calm	ESE 2	10	5	5
3	58.20	56.96	24.1	26.5	97	88	Calm	SE 2	10	10	52.4
4	58.72	58.48	23	26.1	98	94	Calm	Calm	6	10	3.3
5	59.70	58.79	22.5	27.9	99	81	Calm	SE 1	5	10	------
6	59.72	58.97	23.1	29.9	98	71	Calm	ESE 3	5	9	------
7	59.49	58.70	23	30.7	98	70	Calm	E 3	9	5	9.7
8	59.01	57.92	23.9	30.4	97	80	Calm	E 3	5	6	1
9	59.06	58.21	23.9	31.2	97	71	Calm	E 3	5	5	------
10	59.14	58.47	24.2	30.8	97	72	Calm	NE 3	6	5	2.5
11	59.15	58.63	24	28.9	97	85	Calm	E 1	5	10	3.6
12	59.10	58.11	24.9	30.5	97	70	Calm	E 3	8	5	------
13	59.25	58.52	24.6	29.3	97	79	Calm	E 3	5	7	26.7
14	58.65	58.85	23.9	30.4	97	72	Calm	ESE 3	10	10	.3
15	59.02	57.45	23.6	30.4	98	76	Calm	NNW 3	5	5	32.3
16	57.98	56.45	24.4	28.1	98	88	Calm	SE 2	10	10	37.6
17	57.11	56.73	23.7	27.6	98	87	Calm	SE 1	10	10	24.2
18	58.25	56.89	23.9	27.9	97	85	Calm	Calm	10	10	.3
19	57.86	56.69	23.5	27.1	98	91	Calm	S 1	9	6	------
20	57.41	56.21	23.4	29	97	78	Calm	SSW 1	3	6	14.5
21	57.51	56.25	23	31	98	72	SSW 1	S 3	3	5	1.5
22	56.75	56.63	23.5	25.9	98	95	Calm	Calm	6	10	15
23	56.47	54.91	23.1	31	99	75	Calm	SE 3	6	6	3.6
24	56.35	55.64	23.6	30.4	98	78	Calm	SE 3	10	6	7.6
25	57.56	56.06	23.7	32	97	69	Calm	W 3	5	9	------
26	57.62	55.39	23.6	31.6	98	71	Calm	ESE 3	5	5	------
27	56.89	55.97	24.5	30.2	98	76	Calm	SE 3	5	10	.3
28	56.81	56.08	23.4	31.4	97	75	Calm	S 3	4	8	10.4
29	57.05	55.83	23.6	31.7	99	71	Calm	SSE 3	5	5	------
30	57.44	56.05	23.4	30.9	98	76	Calm	SSE 3	5	5	------
31	57.41	56.03	23.7	30.7	97	67	Calm	SSE 3	3	4	------
Mean	58.11	57.10	23.6	29.6	97.6	77.6	0	2.3	6.4	7.2	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	257.1

AUGUST.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	58.05	57.51	23.7	29	97	81	Calm	SSE 1	4	5	4.6
2	58.04	57.40	23.6	30.5	98	76	Calm	SSE 1	5	5	------
3	59.10	57.60	23.9	28	97	81	Calm	NNW 3	5	10	25.9
4	59.71	58.15	22.9	32	98	70	Calm	S 1	6	9	3.5
5	59.45	57.64	23.5	33	98	63	Calm	S 2	10	6	------
6	59.08	57.93	24.1	31.7	94	66	Calm	SSW 1	9	9	------
7	59.15	57.89	22.4	31.3	97	66	Calm	SSW 2	6	5	------
8	59.35	57.07	23.4	32.9	97	61	Calm	Calm	9	8	------
9	58.04	55.24	24	33.1	97	60	Calm	SW 3	5	6	------
10	56.50	54.84	23.8	30.9	97	63	Calm	SW 3	7	10	------
11	56.10	54.43	23.6	32.5	97	58	Calm	SW 3	8	8	------
12	56.05	55.13	23.3	32.4	97	62	Calm	SW 3	9	10	------
13	56.40	55.46	24.3	33.5	97	57	Calm	SW 3	9	5	------
14	58.30	57.19	23.2	31.2	97	74	Calm	S 3	5	6	3.8
15	60.31	58.66	24.6	30.9	97	75	Calm	SE 3	10	5	6.9
16	59.50	57.71	23.4	30.5	98	63	Calm	SW 2	3	6	12.7
17	58.21	57.01	23.8	31.9	97	61	Calm	WSW 3	9	6	1.8
18	58.25	57.10	23.1	31.5	97	60	Calm	WSW 3	4	5	------
19	59.23	57.87	24.4	28.7	97	83	Calm	Calm	8	10	------
20	58.88	57.58	23.9	30.4	97	72	Calm	SE 3	7	7	------
21	59.41	58.55	23	30.9	97	69	Calm	SE 3	6	6	------
22	60.30	58.81	22.5	29.3	98	74	Calm	SE 3	5	10	------
23	59.52	57.61	23.5	30.2	97	70	Calm	ESE 3	3	3	------
24	58.65	57.23	23.9	31.2	97	70	Calm	ESE 3	9	5	------
25	58.56	58	23.5	31	98	75	Calm	ESE 3	5	5	45.5
26	59.75	58.75	23.4	24.9	98	96	Calm	Calm	10	10	25.1
27	58.35	57.23	23.2	29.4	98	77	Calm	ENE 2	10	10	26.2
28	57.85	56.58	23.2	29.3	97	76	Calm	ENE 3	9	8	25.7
29	57.86	57.47	23.1	26.5	99	87	Calm	E 2	8	9	1.8
30	58.81	58.43	22.4	31.4	98	66	Calm	E 3	7	4	5.8
31	59.70	58.36	23.9	29	97	75	Calm	ENE 2	10	10	23.8
Mean	58.59	57.30	23.5	30.6	97.3	70.5	0	2.3	7.1	7.1	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	213.1

BORONGAN.

[ϕ=11° 37′ N; λ=125° 26′ E; barometer above sea, 10 meters; gravity correction not applied, −1.81 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.		Wind, direction and force (0–12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*					*0–10.*	*0–10.*	*mm.*
1	58.85	57.81	23.4	28	97	82	Calm		W	1	8	10	0.5
2	53.34	55.96	23.1	30.1	98	77	Calm		Calm		10	10	11.2
3	56.65	56.18	23.5	24.6	99	95	Calm		SE	3	10	10	34.8
4	56.71	55.47	22	31	99	66	Calm		SE	3	10	8	------
5	57.61	57.96	23.5	27.8	98	74	Calm		SSE	2	8	10	.3
6	59.06	57.35	24	29.1	98	73	Calm		SE	3	9	8	------
7	58.39	56.57	23.7	30.6	97	70	Calm		SE	3	6	5	23.9
8	58.37	57.37	23.9	29.2	97	76	Calm		E	1	8	9	2.5
9	58.22	57.27	23.7	26	98	89	Calm		ESE	3	5	10	23.9
10	58.25	56.28	24.2	30.2	97	66	Calm		SSE	3	10	5	10.9
11	59.47	57.99	23.9	25.9	97	91	Calm		SSE	2	10	10	8.9
12	60.04	57.74	23.6	28.9	99	78	Calm		SSE	3	10	9	20.5
13	57.82	56.94	22.9	24.5	97	96	Calm		Calm		10	10	12.5
14	56.82	55.89	22.8	27.4	98	88	Calm		SSE	1	6	10	19.1
15	57.70	57.05	23.5	28	97	84	Calm		Calm		10	10	------
16	58.42	56.96	22.5	29.4	99	76	Calm		SSE	3	5	6	------
17	57.56	55.36	22.9	31	97	72	Calm		SSE	3	6	5	4.3
18	56.84	55.32	23.3	30.8	97	73	Calm		S	3	5	5	------
19	56.60	54.90	23.1	31.3	98	72	Calm		SSE	3	4	5	------
20	56.78	55.49	24.6	31.9	98	76	Calm		SW	1	5	5	------
21	55.83	54.21	25.4	29.6	92	77	Calm		Calm		10	10	------
22	55.19	53.70	25.2	28	94	79	Calm		W	3	10	10	1.8
23	54.94	53.58	24.6	29.6	93	74	Calm		SW	3	10	10	9.1
24	55.25	54.18	23.7	28.8	98	75	Calm		Calm		10	10	1.8
25	56.70	54.58	23.5	30.1	99	68	Calm		SSW	3	10	10	------
26	56.60	55.32	23.7	30.6	98	68	Calm		SSW	3	10	10	9.4
27	57.67	56.05	22.8	30	93	70	Calm		WSW	3	10	10	------
28	56.89	56.16	23.4	26.5	97	92	Calm		SSW	2	10	10	2.8
29	56.36	56.30	23.9	31.5	96	57	Calm		SE	3	10	10	25.1
30	58.33	57.66	22.2	30.2	98	70	Calm		ESE	3	6	5	------
31	------	------	------	------	------	------	------		------		------	------	------
Mean	57.41	56.12	23.6	29	97.1	76.8	0		2.1		8.4	8.5	------
Total	------	------	------	------	------	------	------		------		------	------	223.3

OCTOBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.		Wind, direction and force (0–12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*					*0–10.*	*0–10.*	*mm.*
1	59.19	57.26	23.9	30.8	97	71	Calm		ESE	3	5	5	------
2	58.70	57.28	23.3	31	97	72	Calm		ESE	2	6	5	0.5
3	58.31	57.53	24.1	28	98	79	Calm		SW	3	9	10	5.3
4	59.12	57.52	22	28.7	99	82	Calm		S	3	5	6	1.8
5	59.57	57.78	23.3	29.4	97	77	Calm		S	3	6	7	13.5
6	58.25	57.08	24.5	30.5	98	68	Calm		ESE	3	5	3	------
7	57.32	55.81	22.6	30.9	98	72	Calm		NW	3	9	9	13.7
8	57.15	56.79	23	26.8	97	86	Calm		Calm		10	10	1.3
9	58.92	57.76	22.9	31.5	97	75	Calm		SE	3	10	10	------
10	60.29	58.40	23.9	31	98	74	Calm		ESE	3	9	5	.8
11	58.95	57.63	24.3	30.9	97	74	Calm		E	3	10	5	9.4
12	58.39	56.70	24.7	31.2	98	74	Calm		E	3	8	5	21.8
13	58.84	57.36	23.7	28.9	98	76	Calm		E	3	10	10	7.7
14	58.70	56.88	23.4	30	99	72	Calm		E	2	10	6	23.6
15	57.40	55.71	24.2	28.4	98	82	Calm		ENE	3	10	10	29.3
16	57.67	55.65	24	26.9	98	88	Calm		ESE	2	10	10	43.2
17	58.60	56.74	24	28.9	98	78	Calm		ESE	3	10	10	26.7
18	58.42	57.08	23.7	30.3	98	77	Calm		ESE	3	10	8	7.9
19	58.05	56.14	24	28.9	99	79	Calm		E	3	9	7	7.2
20	57.60	56.83	25.9	29.4	94	79	E	2	ENE	2	5	6	19.9
21	58.25	57.33	24	29.4	98	74	Calm		E	3	6	10	14
22	58.34	57.20	23.5	27.2	99	81	Calm		N	1	9	10	1.5
23	58.10	56.77	24.1	27.4	99	92	Calm		Calm		10	10	55.1
24	58.32	57.80	23.4	27.7	99	81	Calm		SSE	3	10	9	2.8
25	60.15	58.36	22.9	27.9	99	83	Calm		Calm		7	10	18.8
26	60.80	59.06	23.5	28.9	99	80	Calm		E	3	10	10	14.2
27	59.45	57.53	25.1	28.6	88	81	Calm		E	3	10	5	32.5
28	57.89	56.55	26.4	30.6	90	75	NE	2	NE	3	6	5	4.6
29	58.15	57.31	23.5	28.6	99	80	Calm		NNE	3	5	8	1.5
30	58.47	56.78	23.4	28	97	81	Calm		NE	1	5	6	.8
31	57.85	55.63	22.8	30.1	98	73	Calm		E	2	5	5	1.3
Mean	58.56	57.10	23.8	29.3	97.4	77.9	0.1		2.4		8	7.6	------
Total	------	------	------	------	------	------	------		------		------	------	380.7

NOVEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.		Wind, direction and force (0–12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*					*0–10.*	*0–10.*	*mm.*
1	56.57	55.03	23.4	29	99	74	Calm		ENE	2	9	8	13
2	57.06	56.12	23.9	27.3	97	81	ENE	2	ENE	1	10	9	5.8
3	58.42	56.12	23	29	98	78	Calm		NE	2	10	10	5.8
4	58	55.41	24.1	30.4	97	68	Calm		NNW	3	6	5	------
5	56.56	54.71	23.3	29.8	96	72	Calm		WNW	2	8	9	------
6	56.47	55.08	22.1	29.1	98	78	Calm		E	2	8	5	------
7	56.82	55.61	22.5	30.3	99	72	Calm		E	3	8	5	------
8	57.57	56.80	22.5	29.3	96	81	Calm		SE	3	9	8	10.2
9	58.27	57.41	23.5	29.5	99	76	Calm		SE	3	5	8	6.6
10	58.87	56.62	22.8	29.8	98	73	Calm		E	3	6	5	38.4
11	57.65	56.83	24.1	27	97	81	N	3	NW	3	10	10	18.3
12	59	57.73	-----	25.7	-----	90	NNE	3	NE	3	10	10	76.7
13	59.37	57.93	24.1	29.4	94	75	NNE	3	NE	3	10	7	21.1
14	59.25	56.34	24.5	28.2	87	82	ENE	3	N	3	10	10	12.7
15	56.67	55.18	22.5	28.8	99	81	Calm		S	2	6	10	------
16	57.07	54.66	22.6	28.2	99	86	Calm		SSE	2	10	10	.8
17	56.96	55.20	22.1	31	99	75	Calm		SE	3	7	5	------
18	58.69	57.56	22.9	26.6	98	89	Calm		Calm		5	9	------
19	58.90	57.13	23.1	29.5	99	77	Calm		SE	3	9	9	1.3
20	58.61	56.79	23.3	29.6	97	77	Calm		ESE	3	5	5	1.3
21	58.77	57.16	23.6	29.7	99	74	Calm		ESE	2	5	5	.5
22	58.45	56.87	23.7	28.4	98	78	Calm		ESE	1	10	10	13
23	58.92	57.41	22	30.2	99	74	SE	1	E	3	4	6	8.4
24	58.12	56.47	23.1	29.8	99	69	Calm		NE	3	10	5	32.5
25	56.67	55.33	22.1	29.7	99	71	Calm		NNW	3	5	5	------
26	54.53	53.18	22.2	28.6	96	74	Calm		WNW	3	6	7	1.8
27	54.28	52.63	23.4	28.4	97	81	Calm		WSW	3	5	10	14.5
28	54.60	52.99	23.9	27.3	97	85	Calm		WSW	2	10	10	74.9
29	54.51	53.08	23.6	25.7	99	93	Calm		NW	3	10	10	16.5
30	55.95	55.82	24.5	27.7	82	71	NW	3	NW	3	10	10	------
31	------	------	------	------	------	------	------		------		------	------	------
Mean	57.39	55.84	23.2	28.8	97	77.9	0.6		2.5		7.7	7.8	------
Total	------	------	------	------	------	------	------		------		------	------	374.1

DECEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.		Wind, direction and force (0–12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*					*0–10.*	*0–10.*	*mm.*
1	55.70	53.45	24.4	26.3	82	86	NW	3	NW	3	10	10	34.6
2	54.99	55.36	22.4	28.8	96	76	Calm		SE	3	10	10	7.4
3	57.75	57.08	23.9	29.6	99	80	Calm		E	3	7	10	14.5
4	58.35	56.80	24.1	29.7	98	77	Calm		NE	3	5	5	11.4
5	56.80	55.57	24.3	29.8	97	69	Calm		NNE	3	10	9	4.1
6	56.52	55.93	23.9	29.1	98	79	Calm		NE	3	10	6	16.8
7	56.77	55.82	22.8	29.8	98	75	Calm		NE	3	6	5	1.8
8	57.05	56.08	23.4	28.4	99	79	Calm		E	3	6	9	12.2
9	57.52	56.68	23.1	28.2	99	80	Calm		E	3	5	6	6.9
10	57.80	56.77	23.5	29.4	99	76	Calm		E	3	7	6	7.4
11	57.39	56.03	23.5	29.4	98	75	Calm		NNE	3	6	6	20.9
12	57.05	56.50	22.5	25.2	99	92	Calm		ESE	2	7	10	50
13	57.45	55.83	26.2?	28.2	90?	79	E	4	NNE	3	10	6	26.4
14	57.66	56.26	23.8	28.4	96	82	ENE	4	ENE	3	10	10	11.5
15	56.08	55.17	25.3	26.6	94	90	NE	3	NE	3	8	10	20.9
16	57.15	55.71	22.6	28.8	99	80	Calm		SE	2	10	10	2.1
17	56.79	55.51	26.3	25.4	91	98	Calm		ENE	1	10	10	63.3
18	57.05	55.38	24.1	29.4	99	79	Calm		ESE	3	10	7	6.6
19	57.37	56.03	24	28.7	99	81	Calm		ENE	3	10	5	8.2
20	57.56	56.32	22.3	29	98	79	Calm		NE	3	5	6	13
21	58.06	56.48	24.1	28	99	78	Calm		NNE	3	8	10	2.1
22	57.75	55.78	24.9	29.4	92	76	NE	3	NE	3	8	6	------
23	57.46	56.28	21.3	29.4	98	68	Calm		NE	3	5	5	1.3
24	57.07	57.06?	22.8	25	98	88	Calm		NE	3	10	10	31.7
25	57.50	56.60	23	26.4	99	88	Calm		N	3	9	10	17.3
26	56.69	56.10	24.9	24.5	97	92	Calm		Calm		10	10	42.7
27	56.88	56.10	26.4?	27.3	86?	84	NNE	3	ENE	2	10	10	7.9
28	58.02	57.42	24	24.3	95	92	NE	3	NE	3	10	10	26.4
29	57.80	56.35	24.4	25.9	97	88	ENE	3	ENE	3	8	10	75.7
30	57.83	56.04	22.3	25	98	82	Calm		Calm		10	10	5.1
31	59.06	56.89	23	28.4	99	82	Calm		SE	3	10	6	2.5
Mean	57.26	56.11	23.8	27.8	96.3	81.5	0.8		2.6		8.4	8.2	------
Total	------	------	------	------	------	------	------		------		------	------	552.7

CATBALOGAN.

[ϕ=11° 47′ N; λ=124° 51′ E; barometer above sea, 5.5 meters; gravity correction not applied, −1.80 mm.]

JANUARY.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.		Wind, direction and force (0–12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P. ct.*	*P. ct.*					*0–10.*	*0–10.*	*mm.*
1	55.44	51.87	24.3	23.0	97	99	N	2	NNW	2	10	10	115.6
2	54.64	53.79	23.4	30.2	85	60	SE	2	SE	3	6	7	.5
3	56.76	56.18	25.4	31.2	83	61	SE	3	S	3	2	3	------
4	59.68	58.69	23.1	27.3	96	86	Calm		SE	2	3	8	14.6
5	60.67	58.59	24	31.1	97	59	Calm		SE	2	9	3	------
6	59.78	58.92	21.9	26.5	96	87	Calm		ENE	2	5	10	10.5
7	60.16	58.74	24	30.2	93	71	ESE	1	E	3	9	3	.5
8	60.48	59.43	23.6	30.5	98	68	Calm		ESE	2	8	4	3.1
9	61.47	59.32	23.1	29.3	98	81	Calm		ENE	1	5	8	.2
10	61.91	59.47	22.4	29	96	84	Calm		W	2	4	4	.3
11	61.25	59.20	22.5	29.9	99	75	Calm		ENE	2	8	6	1.9
12	59.68	58.52	23	27.6	98	80	Calm		N	1	10	10	7.4
13	58.80	57.60	21.9	26	97	81	Calm		NNE	2	10	10	16
14	55.94	53.26	23.7	24.1	98	98	Calm		N	2	10	10	70.7
15	50.14	51.31	25.5	25.5	92	95	SE	5	SE	3	10	10	82.3
16	51.83	53.51	25.6	24.6	95	95	NE	2	N	3	10	10	49.8
17	56.29	56.89	23.5	24.5	93	92	N	2	N	2	10	10	2.3
18	58.97	58.08	22.5	25.5	91	89	N	2	N	3	10	10	------
19	59.08	58.52	22	26.1	96	89	Calm		N	2	10	9	------
20	59.47	58.36	22	24	96	96	N	1	N	2	9	10	.6
21	57.98	56.48	22.9	26	97	94	NNW	2	N	1	10	10	7.2
22	56.48	55.80	23.1	26.5	99	93	ENE	1	ESE	1	9	10	16
23	56.89	55.26	23.3	27.6	100	94	Calm		W	1	10	10	20.6
24	57.34	56.74	23.1	25.3	99	95	Calm		NNE	1	10	10	24.6
25	58.67	57.68	21.5	25.5	100	94	Calm		Calm		6	10	15.1
26	58.17	57.26	24	26.2	98	95	Calm		ESE	1	9	10	39.6
27	58.06	56.43	23	28.9	98	86	Calm		ESE	2	7	8	20.1
28	58.77	56.08	24	28.5	94	85	Calm		SE	3	10	8	6.1
29	57.37	55.66	21.9	26.4	97	97	Calm		WSW	1	3	10	111.8
30	57.73	55.83	22.2	27.6	98	91	Calm		W	1	8	8	------
31	56.58	55.82	22	28.9	100	78	Calm		W	2	2	1	------
Mean	57.95	56.75	23.2	27.2	95.9	85.4	0.7		1.9		7.8	8.1	------
Total	------	------	------	------	------	------	--------		--------		------	------	637.4

FEBRUARY.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	56.71	56.13	22.2	27.5	98	91	Calm	NNW 1	2	7	5.1
2	57.14	55.61	23.9	30.5	97	86?	Calm	W 1	3	5	------
3	57.45	56.43	24.2	30.5	94	86?	E 1	W 2	1	3	------
4	57.88	56.87	23.1	30.1	98	74	Calm	W 2	2	1	------
5	57.88	56.97	24.1	30	95	88	Calm	W 2	2	3	------
6	58.58	57.04	22.5	29.9	99	89?	ENE 1	W 2	2	1	------
7	57.28	56.43	22	29.5	96	84	W 1	W 2	2	1	------
8	57.30	56.54	21	30	95	56	NE 1	W 2	1	1	------
9	59.33	58.46	18.8	28.7	98	77	NE 1	W 2	2	2	------
10	60.13	58.90	18.3	29	97	85	NE 1	W 1	4	6	------
11	59.86	58.86	21.4	28.5	97	85	NE 1	NE 3	6	8	------
12	60.33	59.51	23.5	25.5	85	88	SE 2	NE 2	10	9	.8
13	60.28	59.39	23.3	28.7	96	85	Calm	E 2	9	9	------
14	60.92	59.45	22.5	24	96	97	Calm	SE 1	8	10	41.9
15	59.96	58.48	19.6	28.8	100	83	Calm	ESE 3	1	6	------
16	59.84	58.39	20.6	27	99	92	Calm	WSW 1	8	9	1.8
17	59.40	57.58	22.4	28.5	99	67	Calm	NE 2	7	9	7.6
18	58.25	55.98	23.2	30	97	85	Calm	NE 2	10	9	40
19	57.16	55.61	23.3	26	99	96	Calm	W 1	10	10	21.4
20	57.30	56.33	23.8	26	97	95	Calm	NE 1	10	9	35.3
21	57.20	56.34	24.6	28.4	95	71	ESE 1	NE 1	10	7	14
22	57.83	56.89	23	26.9	99	85	Calm	SW 2	5	9	------
23	57.91	57.19	21.3	30.5	97	44	Calm	NE 2	4	3	------
24	58.21	56.94	21.4	29.5	97	70	NE 1	W 1	4	7	------
25	58.50	57.10	20.2	28.5	98	78	Calm	W 2	6	8	------
26	57.70	56.75	21	29.5	98	61	Calm	N 2	10	9	------
27	57.50	56.55	19.5	30.4	97	46	Calm	NNE 3	1	6	------
28	57.19	55.82	21.9	26.5	96	92	NE 1	N 1	9	10	7.4
29	57.23	56.31	24.5	26.5	97	95	Calm	NW 2	9	10	8.9
Mean	58.36	57.20	22.1	28.5	96.8	80.4	0.4	1.8	5.4	6.4	------
Total	------	------	------	------	------	------	--------	--------	------	------	184.2

MARCH.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	58.23	58.09	23.7	25.1	82	85	N 2	NE 3	10	9	0.8
2	59.06	58.78	23.4	26.5	83	66	N 1	NbyE 4	10	9	------
3	59.48	59.27	23.1	24.8	86	87	NE 1	ENE 2	4	10	5.8
4	60.95	59.77	23	24.8	96	90	ESE 1	WNW 2	10	10	32.5
5	59.86	58.39	22.3	27.8	97	79	E 1	W 2	8	7	2.1
6	58.15	56.94	22.6	25.5	99	92	Calm	SE 2	6	10	6.8
7	58.07	56.83	21.5	30.3	98	67	EbyN 1	WbyS 2	1	1	------
8	58.75	57.54	22.4	29.9	93	57	E 2	W 2	3	1	------
9	59.63	57.87	21.1	29.8	99	67	ENE 1	WNW 2	1	3	------
10	58.70	57.56	22.3	26.1	97	88	Calm	NNW 2	6	9	8.6
11	58.20	57.47	21.5	26.5	97	89	Calm	NE 1	3	9	8.7
12	59.14	58.03	23	30.2	97	59	NNE 1	ENE 2	6	9	3.6
13	59.78	58.63	23.5	31.2	98	51	Calm	EbyN 3	9	3	14.7
14	59.17	57.47	22.9	30	90	53	NE 1	NE 3	4	8	------
15	58.17	57.56	23.5	24.5	94	87	Calm	ENE 1	10	10	19.8
16	58.85	57.76	22.5	28	97	70	Calm	E 2	10	9	9.2
17	59.62	58.32	23.5	30.5	97	50	Calm	E 3	9	3	------
18	59.86	58.29	22.1	30	93	53	Calm	ENE 3	7	6	------
19	59.34	58.10	25	29.1	83	62	NE 1	ESE 3	7	7	3.3
20	59.19	57.99	23.5	31.6	94	52	Calm	ENE 3	8	1	------
21	59.43	58.46	21	29.7	99	69	Calm	N 2	4	5	1
22	60.20	59.05	23.3	29.6	97	75	Calm	W 2	2	5	1.5
23	60.87	59.42	23	31	97	51	Calm	ENE 3	5	4	------
24	61.57	60.36	21.9	27.6	94	76	ENE 1	EbyN 2	7	9	3.3
25	61.68	59.58	23.6	30	91	59	ENE 2	NNE 3	9	5	.3
26	61.38	59.53	22.5	30.2	96	69	EbyN 1	WNW 3	7	4	------
27	60.74	59.40	25.6	31	83	59	NE 4	ESE 3	1	4	------
28	60.77	58.60	21.5	29.6	98	70	E 1	ENE 2	5	7	------
29	59.60	57.91	23.3	27.5	93	84	ENE 1	NNE 2	1	6	1.3
30	59.08	57.19	22.3	30.3	97	61	E 1	ENE 3	4	5	1.8
31	58.47	56.60	23.5	29.4	97	78	ENE 1	WNW 2	4	7	------
Mean	59.55	58.28	22.8	28.6	93.9	69.5	0.8	2.4	5.8	6.3	------
Total	------	------	------	------	------	------	--------	--------	------	------	125.1

APRIL.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	57.61	56.31	20.1	29.2	99	76	Calm	W 2	8	7	------
2	58	57.24	20.2	29.5	98	77	NE 1	W 3	4	3	------
3	59.77	58.47	23.4	29.5	97	79	Calm	W 3	8	5	------
4	60.63	58.72	21.5	29.6	96	78	NE 1	W 3	3	5	------
5	60.69	59.24	21.3	29.5	97	77	NE 1	W 2	1	7	0.5
6	61.41	59.69	24.5	30.4	85	69	E 1	NE 4	9	5	------
7	61.78	60.33	23.3	30.8	95	69	E 1	N 2	8	7	------
8	61.92	59.11	22.7	31.1	96	75	Calm	W 2	8	7	------
9	61.30	60.27	22.9	29.8	97	75	E 1	ENE 3	3	6	7.4
10	60.43	59.02	22.9	31.4	97	65	NE 1	NEbyE 4	3	1	------
11	60.12	58.39	23.2	29	97	75	NE 1	NE 2	4	8	2.8
12	59.97	58.69	24.4	31	95	72	Calm	E 3	2	5	------
13	60.09	58.52	26.2	32	86	66	ENE 3	ENE 3	5	6	.5
14	60.10	58.23	23.2	32.5	97	74	E 1	ENE 3	6	4	------
15	58.92	56.88	22.4	31.2	96	68	E 1	WbyN 3	6	5	.8
16	58.07	55.83	23.5	30	98	69	E 1	NNE 2	8	9	21.6
17	52.69	51.71	24.6	24.5	91	97	NW 4	WbyN 6	10	10	60.2
18	54.97	54.55	26.8	26.7	86	88	W 4	WbyN 3	10	9	.3
19	56.03	55.47	25.5	29	96	89	NW 2	W 2	7	7	------
20	56.85	55.21	22.7	30.1	98	71	NE 1	W 2	7	4	------
21	56.48	55.58	22.8	30.5	98	80	Calm	W 2	7	4	------
22	57.10	55.56	23.6	30.5	98	87?	NE 1	W 2	2	1	------
23	56.85	55.31	23.2	30.7	94	70	Calm	WbyN 2	1	1	------
24	56.99	55.23	24.5	31.1	92	67	Calm	W 2	2	4	------
25	57.52	56.13	22.6	31	98	64	NNE 1	WbyN 2	1	3	------
26	58.40	57.13	25	28.4	95	85	NE 1	NNW 3	8	9	22.3
27	58.13	58.51	23.5	24.6	97	95	NE 1	ENE 1	7	10	18.1
28	58.55	57.16	24	28	93	89	NE 1	NE 2	9	8	3.6
29	58.37	57.33	24	30.5	91	89?	ENE 1	NNW 1	8	7	2.5
30	58.56	57.57	22.5	29.9	97	89?	E 1	W 2	7	6	------
Mean	58.61	57.25	23.4	29.7	95	77.5	1.1	2.5	5.7	5.8	------
Total	------	------	------	------	------	------	--------	--------	------	------	140.6

CATBALOGAN.

[ϕ=11° 47′ N; λ=124° 51′ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.80 mm.]

MAY.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	58.60	56.90	22.2	28	98	96	ENE 1	NW 3	6	8	21.8
2	56.99	54.94	23.9	26.6	97	91	Calm	NbyW 3	10	10	22.3
3	55.18	54.16	25.1	26.4	98	92	N 1	NE 3	10	9	1.6
4	56.71	55.64	25.8	29.3	94	76	E 3	W 2	10	9	6.3
5	56.48	56.62	23.8	24.1	97	96	NE 1	NE 1	9	10	36.6
6	57.92	55.74	24.1	29.1	96	76	Calm	NW 2	10	7	.5
7	57.25	57.41	23.5	25.4	98	93	NE 1	E 2	2	10	23.4
8	58.63	57.62	23.5	28.5	96	77	Calm	WSW 1	10	8	------
9	59.56	58.83	25.1	28.5	84	77	E 2	W 2	9	7	11.4
10	59.13	57.62	23	30.7	97	79	Calm	SE 3	1	7	12.7
11	59.10	56.77	23	30.5	98	81	EbyN 1	W 3	2	2	------
12	58.68	57.38	23.5	30.5	96	68	NE 1	W 2	3	6	------
13	58.43	56.21	23.8	31.2	93	81	N 2	W 3	6	4	------
14	57.93	55.67	24.6	29.4	95	78	NNE 1	W 2	7	9	1.3
15	57.57	55.98	24.6	29.8	91	73	EbyN 2	SSE 1	5	9	11.2
16	58.49	57.58	25.1	31.1	91	65	W 1	SE 1	9	8	------
17	59.54	58.26	22.5	31	98	65	N 1	W 2	1	4	------
18	59.45	57.23	23.5	27.7	97	90	E 1	NE 2	8	9	.3
19	58.18	57.31	23.7	26.4	94	85	NbyE 1	E 3	6	9	------
20	58.20	57.25	22.5	28.6	98	74	ENE 1	SSE 2	1	6	.8
21	58.20	56.91	22.7	31.5	98	66	Calm	W 2	2	5	.5
22	58.03	56.69	23.7	30.3	98	63	Calm	NE 4	9	9	------
23	57.94	56.39	23.2	31.2	97	58	Calm	NE 3	2	9	.3
24	57.72	56.71	24.3	28	97	81	NE 1	SSW 2	5	9	1.3
25	57.33	55.91	23.8	[illegible]0.5	97	71	NE 1	ENE 3	1	9	------
26	55.34	55.91	27?	28	85?	78	NE 3	SSE 3	7	9	5.6
27	57.48	55.49	24.3	28.7	90	80	ESE 1	EbyN 1	9	7	2.3
28	56.77	55.89	23.2	29	98	74	Calm	NE 1	1	7	1
29	56.92	55.28	23.4	30	95	77	NNE 1	W 2	2	4	4.6
30	57.88	56.42	25	31.6	88	59	E 2	W 2	3	5	------
31	57.97	56.89	23.8	32	93	59	NNE 1	W 2	5	5	.6
Mean	57.86	56.57	23.9	29.1	94.9	76.7			5.5	7.4	------
Total	------	------	------	------	------	------			------	------	166.4

JUNE.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity 6 a. m.	Relative humidity 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	57.88	56.61	23.1	31.5	95	62	NE 1	W 2	5	7	------
2	57.19	55.50	22.7	31	94	66	NE 1	WbyN 2	1	2	------
3	57.17	55.72	25.4	30.5	87	62	E 1	W 2	5	6	13
4	57.11	55.82	24.5	31.3	92	57	Calm	W 2	5	6	3.3
5	57.38	56.01	23.3	27.6	97	86	N 1	NbyW 1	5	8	6.6
6	56	55.41	22.9	28.4	97	75	NNE 1	WSW 2	6	6	3
7	56.35	54.98	24.6	30	84	71	E 1	E 2	4	6	------
8	55.85	55.01	24.4	25.8	94	87	Calm	E 1	7	9	.5
9	56.28	54.46	24.2	30.7	94	67	NE 1	NNE 1	8	9	3
10	56.13	55.42	23.7	29.2	97	74	EbyS 1	SE 3	3	10	------
11	56.18	54.46	24.2	30.6	96	73	NW 1	W 3	4	8	8.6
12	55.14	53.30	24.2	31	94	64	NE 1	SW 2	9	7	31.2
13	54.86	53.84	25	30.7	91	70	N 2	WSW 2	10	9	21.8
14	55.62	55.28	24.5	31.2	96	67	NE 1	WSW 3	10	9	------
15	56.17	55.07	25.3	31.8	98	65	NE 1	W 2	7	3	------
16	55.61	54.58	25.4	31.8	95	64	E 1	WNW 3	2	7	.8
17	56.13	54.79	25.6	29.5	93	71	NE 1	NbyW 2	6	10	------
18	56.84	55.50	24.6	28.5	95	77	Calm	NbyW 2	7	8	8.1
19	56.78	56.76	24.6	30	97	71	Calm	SW 2	9	9	------
20	57.86	56.65	25.3	30.7	93	67	N 1	SW 2	10	10	.3
21	57.44	56.26	25.7	29	94	76	Calm	NE 1	9	9	18.3
22	58.08	57.04	24.4	29.5	92	70	NbyE 1	WbyN 3	10	9	8.4
23	58.73	58.45	23.5	26.7	96	87	ENE 1	NE 2	10	10	.3
24	59.16	58.04	22.4	29.1	96	74	ENE 1	WNW 2	2	7	------
25	60.38	58.46	23	31.9	96	58	ENE 1	W 2	3	4	------
26	59.47	58.64	23.8	26.7	93	85	Calm	SSE 3	2	9	------
27	59.34	57.87	23.3	30.8	96	65	NE 1	WbyN 2	9	9	------
28	59.42	58.48	25	26.1	92	85	NNE 2	NNE 2	7	10	5.1
29	59.32	58.83	23.6	24.5	97	96	Calm	NNW 1	5	10	65.8
30	59.59	57.42	23.6	30.4	96	67	NNE 1	W 2	3	7	1
31	------	------	------	------	------	------	------	------	------	------	------
Mean	57.32	56.15	24.2	29.6	94.2	72	0.8	2	6.1	7.8	------
Total	------	------	------	------	------	------	------	------	------	------	199.1

JULY.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	58.16	56.97	22.9	25.5	97	84	NE 1	ENE 2	1	10	6.6
2	58.26	57.09	23.5	28.5	97	75	NE 1	W 2	10	7	3.5
3	57.69	56.29	23.6	25.8	97	89	NE 1	SE 3	9	10	5.8
4	58.33	57.98	23	29.3	96	72	Calm	SE 2	6	10	------
5	59.78	58.06	23.5	28.5	96	74	NNE 1	S 1	9	10	------
6	59.33	57.77	24.5	30.2	96	73	NE 1	W 2	6	6	.5
7	59.45	57.84	23.1	30.7	97	72	Calm	WbyN 2	8	6	1.3
8	58.69	57.69	23.1	27.5	99	81	NE 1	ENE 2	1	7	------
9	58.78	57.69	23.1	27.5	97	78	NE 1	E 2	2	6	8.7
10	58.88	58.46	23.1	24.5	98	89	NE 1	ENE 3	2	10	5.8
11	58.88	58.44	22.8	26	97	88	NE 1	ENE 2	1	8	1.3
12	58.79	57.75	25.5	28	89	85	Calm	ESE 2	3	9	------
13	58.99	58.04	23.5	27.4	96	90	NE 1	E 1	3	9	20.3
14	58.39	58.27	24.5	30.8	92	70	ESE 2	W 2	10	7	.3
15	58.64	57.38	22.8	28	97	83	NE 1	NbyW 2	3	8	3.8
16	57.24	56.09	23.9	28	97	79	ENE 1	ENE 2	9	7	15.4
17	57.13	56.20	23.1	28.5	98	81	NE 1	E 2	10	10	1.8
18	57.63	56.54	24.5	29.4	95	74	Calm	ESE 1	8	10	.3
19	57.83	56.39	23.5	28.8	96	76	E 1	ESE 2	5	9	------
20	57.30	55.66	23.2	29.5	97	78	EbyN 1	WbyN 3	3	8	3.6
21	57.55	56.17	23	31.2	97	67	ENE 1	W 3	2	3	------
22	56.73	56.56	24.2	29	95	77	ENE 1	WbyN 2	4	9	------
23	56.32	55	24	32	97	65	NE 1	WNW 3	2	5	------
24	56.24	55.80	25.3	31.5	96	67	E 1	WbyN 3	8	4	------
25	57.59	56.20	24.5	31.9	96	66	NNE 1	WNW 3	8	7	.5
26	57.34	55.72	24.4	32.3	97	66	E 1	W 2	3	2	41.1
27	56.66	55.66	24.6	31.4	95	67	NE 1	WNW 3	6	4	2
28	56.50	55.70	25.3	31.4	92	68	EbyS 1	WbyN 2	3	6	.8
29	56.69	55.81	25	31.8	96	69	NbyE 1	WbyN 3	7	6	.3
30	57.17	55.66	24	31.7	96	61	NNE 1	WNW 2	2	5	7.1
31	57.47	55.50	24.2	31.5	95	66	NbyE 1	W 2	2	7	1.5
Mean	57.88	56.79	23.8	29.3	96	75.2	0.9	2.2	5	7.3	------
Total	------	------	------	------	------	------	------	------	------	------	132.3

AUGUST.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	58.14	57.18	23.1	31.3	97	69	NE 1	WbyN 3	1	4	------
2	58.10	57.41	24.4	30.3	97	70	ESE 1	W 3	4	7	------
3	59.05	57.61	24.1	32.3	95	64	EbyN 1	W 3	3	7	------
4	59.46	58.25	24.6	32	94	64	NNE 1	W 2	7	9	2.5
5	59.52	57.99	24.8	30.5	92	65	EbyN 1	NW 3	8	7	.3
6	58.75	57.97	27.2	31.2	81	58	SW 4	SW 3	9	6	------
7	58.93	57.77	24	32	96	63	NE 1	W 3	4	6	------
8	59.22	57.35	24.6	32	95	67	NE 1	WbyN 2	6	6	------
9	58.05	55.76	27.4	32.8	84	57	SW 3	WSW 4	5	5	------
10	56.34	55.13	27.9	31.3	77	61	WSW 4	WSW 4	9	9	------
11	56.11	54.66	28.3	32.2	76	60	SW 4	SW 4	8	7	------
12	55.84	55.38	27.5	30.5	76	66	SSW 3	SW 4	9	9	------
13	56.14	55.71	26.8	33	82	56	S 3	SW 3	9	2	5.8
14	58.15	57.15	24	32.6	94	58	NNE 2	WSW 3	6	4	------
15	59.48	58.37	24.2	31	91	63	NE 1	W 2	9	7	5.3
16	59.39	57.53	24.8	31.6	90	62	Calm	NW 3	1	3	1.3
17	58.41	57.42	24.8	30.2	93	69	NNE 1	WbyN 3	8	8	.3
18	58.19	57.45	23.8	31.5	93	60	NNE 1	NE 3	1	8	------
19	58.71	57.86	25.5	29.4	93	73	WNW 1	E 1	8	10	------
20	58.80	56.94	24.1	29.9	96	64	NNE 1	NW 2	4	8	------
21	59.47	58.50	23.3	31	97	65	NE 1	SSE 2	4	6	23.2
22	60.06	58.26	22.4	31.5	96	60	NE 1	W 2	3	7	------
23	59.32	57.12	24.4	32.2	88	59	NE 1	SSW 2	3	9	2.5
24	58.32	56.75	24.9	32	87	60	E 2	SSE 3	5	6	------
25	58.22	57.16	25.5	32.5	85	65	E 2	W 2	1	4	.3
26	59.39	58.77	24.4	24.7	88	91	E 1	NE 1	10	10	11.1
27	58.23	57.37	22.7	30.4	98	66	NE 1	NE 1	7	5	1.5
28	57.95	56.15	22.5	27	96	84	NNE 1	NE 1	4	9	1.5
29	57.60	57.38	24	30.7	95	64	NE 1	SW 2	6	8	------
30	58.49	57.77	23	32	96	58	E 1	WbyS 3	3	8	10.2
31	59.49	58.33	22.7	27.6	98	83	NE 1	W 2	3	8	4.1
Mean	58.43	57.24	24.7	30.9	90.8	65.3	1.5	2.5	5.4	6.5	------
Total	------	------	------	------	------	------	------	------	------	------	69.9

CATBALOGAN.

[$\phi = 11°\ 47'$ N; $\lambda = 124°\ 51'$ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.80 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	58.85	57.85	23	29	97	79	NE 1	W 2	6	9	3.3
2	58.21	56.14	23.8	30.4	97	72	NNE 1	WbyN 3	9	9	------
3	56.31	55.56	26.5	28.5	88	74	SE 2	ESE 2	10	10	------
4	56.32	55.08	24.7	31.5	92	60	NNE 1	SSE 3	9	7	------
5	57.32	57.17	25.6	28.7	85	69	EbyN 2	E 3	10	9	------
6	58.69	56.99	23.9	28.6	92	84	EbyN 1	SE 2	9	9	5.1
7	58.17	55.83	24	28.5	95	81	NE 1	N 1	5	7	8.9
8	58.35	57.12	24.3	25.5	92	88	E 1	NE 1	9	9	12.7
9	57.98	56.85	23.3	28.1	98	81	NE 1	SE 2	3	9	2.5
10	58.05	56.54	23.5	28	97	83	NE 1	ESE 2	8	4	12.2
11	59.14	57.44	23.6	28.5	95	78	ENE 1	EbyN 2	9	9	.5
12	59.88	58.05	23.7	28.5	91	72	EbyN 1	WbyN 3	10	9	3
13	57.84	56.91	23.3	25.9	97	86	NNE 1	NNW 1	9	10	22.8
14	56.53	55.79	24.1	28	95	82	E 2	SSE 2	9	10	------
15	57.14	56.78	25	28	88	81	Calm	SSE 2	10	10	------
16	57.97	56.68	23.7	27.5	92	84	EbyN 2	NE 2	2	10	11.4
17	57.49	56.49	22.6	31.3	98	59	NE 1	W 2	4	5	------
18	56.66	55.56	22.4	31	95	67	NE 1	WbyN 3	3	3	------
19	56.52	55.41	26.1	31.2	89	67	NNE 2	WNW 4	4	3	------
20	56.90	56.03	28.1	31.5	84	69	W 3	W 4	6	8	49.3
21	56.15	54.76	26.4	29	89	76	WSW 3	WNW 3	10	10	104.4
22	55.49	53.97	24.8	28.1	95	79	ESE 2	WNW 3	10	10	27.1
23	55.57	53.74	24.5	30.6	96	65	ESE 1	WSW 3	10	9	8.1
24	54.96	53.96	24.8	30	93	69	ESE 2	SW 3	10	10	1.3
25	55.97	54.46	25.6	29.1	79	73	SE 2	SSE 2	10	9	.5
26	56.38	55.38	27	32	77	63	SSE 3	SW 3	10	9	11.9
27	57.75	56.36	23.4	28.7	92	73	NNW 1	NW 3	10	9	------
28	56.56	56.04	25.2	28	95	77	N 2	NW 3	10	10	43.9
29	56.63	56.04	23.4	29.5	97	72	NNE 1	NW 3	10	9	2.8
30	58.13	56.94	23	27.6	96	83	EbyN 1	E 2	5	5	7.8
31	------	------	------	------	------	------	------	------	------	------	------
Mean	57.26	56.03	24.4	29	92.2	74.9	1.5	2.5	8	8.3	------
Total	------	------	------	------	------	------	------	------	------	------	339.5

OCTOBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	58.64	56.41	24.3	31.3	93	68	E 1	SE 3	1	4	10.2
2	58.38	57.23	23	28.6	98	73	NE 1	SE 2	4	9	10.5
3	58.22	58.48	24.3	23.7	94	93	E 1	NNE 2	9	10	25.9
4	59.06	57.57	23.1	29.4	92	68	E 2	WNW 2	3	9	------
5	59.03	57.57	23.8	31.8	93	66	E 2	W 2	5	6	------
6	58.29	57.01	24.6	26.7	94	81	NE 2	NE 2	7	9	------
7	57.55	56.41	21.9	25.2	96	92	NE 1	W 1	8	10	11.9
8	57.35	56.66	23.8	28.2	90	76	N 2	N 3	10	10	.5
9	58.68	57.58	24.9	31	94	64	E 1	WNW 3	9	8	------
10	60.01	57.77	23.6	30.5	97	72	Calm	WSW 2	4	7	------
11	58.82	56.91	24	29	96	83	E 1	NNE 2	7	6	.8
12	58.18	56.34	23.5	29.4	97	72	ENE 1	SE 2	6	6	3.6
13	58.23	57.04	23.8	28	97	80	NNE 1	SSE 2	9	9	1.5
14	58.23	56.72	24.5	27.1	87	87	ENE 2	SE 2	7	8	1.5
15	57.44	55.61	23	25.1	97	89	NE 1	NE 2	5	9	9.1
16	57.48	55.60	24.9	28.8	90	76	ENE 1	SSE 2	10	9	------
17	57.93	56.46	24.6	28.2	91	80	E 3	S 2	8	8	2.3
18	58.18	56.47	24.5	31.3	92	68	ENE 1	SE 3	9	9	------
19	57.93	55.44	24.1	29.3	96	76	E 1	SE 2	3	6	.5
20	57.31	56.07	25.5	31.8	87	64	ESE 3	ENE 3	2	6	5
21	57.95	56.61	23.7	30.1	94	71	EbyN 1	SSE 2	4	7	7.4
22	58.10	56.35	23	28.7	97	72	EbyS 1	NE 3	8	9	------
23	58.07	56.43	23.8	26.5	97	91	Calm	NE 2	5	10	6.8
24	57.75	57.35	23.5	28.3	98	82	NE 1	SE 3	10	7	7.1
25	59.81	58.12	24.3	27.3	89	81	NE 2	ESE 3	5	9	4.6
26	60.42	58.63	23.5	29.5	96	71	Calm	ESE 3	9	8	.8
27	59.25	57.37	23.1	29	97	74	EbyN 1	NE 3	5	8	3.3
28	57.88	55.98	22.6	31.6	98	65	NNE 1	NNE 3	2	5	.5
29	58.03	57.14	22	29.2	98	75	ENE 1	SSE 2	1	8	1.3
30	58.35	56.90	22.5	27	97	84	N 1	WNW 2	4	9	32.5
31	57.60	55.12	23.4	31.4	97	67	E 2	WbyS 2	3	5	------
Mean	58.33	56.82	23.7	28.8	94.5	76.2	1.3	2.3	5.9	7.8	------
Total	------	------	------	------	------	------	------	------	------	------	147.6

NOVEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	56.30	55.07	22.9	26.9	97	85	E 1	NW 3	3	10	------
2	56.59	55.62	23.5	27.7	96	73	NE 1	NNE 3	8	9	2
3	58.21	56.09	23.5	28.8	91	84	NNE 1	WNW 2	9	8	6.6
4	58	55.14	23.8	32	97	54	NNE 1	NbyW 3	8	2	------
5	56.78	54.89	23	30.5	96	72	NbyE 1	W 4	4	7	------
6	56.68	55.14	23.7	30.2	95	71	NNE 1	WbyN 3	7	4	------
7	56.79	55.71	22.7	30	98	66	E 1	WbyN 3	4	7	------
8	57.35	56.81	22.7	31.2	97	62	NE 1	W 2	6	5	------
9	58.43	57.02	24	27.7	96	79	EbyN 1	NE 2	5	9	33.8
10	58.79	56.54	23	29.9	97	74	NE 1	W 2	1	5	6.9
11	57.72	56.61	23.7	27.5	98	76	E 1	NE 2	10	9	2.3
12	58.70	56.89	22.3	30.3	96	64	ENE 2	NE 2	8	7	4.3
13	59.17	57.69	23.5	29.5	94	72	NE 1	ENE 2	10	9	3.5
14	58.75	56.20	22.7	26.5	98	88	ENE 1	E 2	6	9	8.1
15	56.53	54.99	22.5	30.2	98	72	ENE 2	W 3	5	7	3.6
16	56.62	54.66	23.9	28.7	97	73	SSE 2	WNW 2	10	9	------
17	56.87	55.39	23.3	31	97	62	NNE 1	WSW 2	6	3	------
18	58.33	57.30	24	29.3	97	74	NNE 1	W 3	3	8	1.3
19	58.67	56.76	23.5	31.4	96	62	E 1	WNW 2	9	7	.3
20	58.55	56.23	23.3	29.9	96	73	N 1	SE 2	3	9	------
21	58.57	57.09	23.1	29.4	97	67	NNW 1	NE 2	6	8	3.8
22	58.52	57.18	23	26.9	97	81	NE 1	WNW 2	7	8	6.4
23	58.89	57.03	22.4	29.7	96	64	NE 1	NW 2	2	7	------
24	58.24	56.44	22.5	29.3	97	76	NE 1	W 3	7	6	15.7
25	56.79	54.99	20.5	32.5	98	52	ENE 2	N 3	1	2	------
26	54.96	53.73	23	25.2	96	86	N 2	NNW 2	6	10	14
27	54.45	52.98	25	28	88	78	N 2	WNW 4	8	9	25.4
28	54.83	53.35	24.5	26.5	91	88	NNW 3	NW 4	10	10	36.3
29	54.70	53.73	24.2	25.5	97	91	NNW 3	NNW 2	10	10	24.1
30	56.36	55.81	24	28	80	70	N 4	N 3	10	10	.3
31	------	------	------	------	------	------	------	------	------	------	------
Mean	57.34	55.77	23.3	29	95.5	73	1.4	2.5	6.4	7.4	------
Total	------	------	------	------	------	------	------	------	------	------	198.7

DECEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	56.28	53.93	22.6	25.1	93	93	N 2	NW 4	10	10	142.2
2	54.98	55.14	22.6	26.2	95	82	ENE 2	ESE 1	10	10	------
3	57.38	56.77	21.6	27.1	99	83	E 1	E 2	2	8	2.5
4	58.20	56.69	22.3	28.7	97	79	ENE 1	W 2	1	5	37.8
5	56.88	55.48	22.6	28.5	98	78	NE 1	W 2	9	7	3.6
6	56.55	55.59	23.4	28.3	97	80	NE 1	ENE 2	9	9	5.1
7	56.58	55.45	21.5	29	97	78	NE 2	W 2	3	4	7.4
8	56.74	55.46	21.5	30	99	65	Calm	E 3	2	4	.3
9	57.28	55.96	22.6	29.6	96	69	Calm	NE 2	2	9	------
10	57.58	56.26	22.5	30	96	67	ENE 1	E 3	1	5	6.9
11	57.49	55.66	22.4	29.8	96	73	E 1	WSW 2	4	6	3.6
12	56.75	56.93	23	24	96	96	E 1	E 1	7	10	32.3
13	57.38	55.78	23	27.5	97	86	Calm	W 2	8	7	24.4
14	56.79	56.12	25	26.5	90	89	E 2	SE 2	10	9	12
15	55.89	55.01	24	27.5	96	82	EbyS 1	ESE 2	5	9	4.6
16	56.81	55.26	22.4	27.9	97	75	NE 1	E 3	7	8	1.5
17	56.37	55.28	23.5	26.5	96	86	E 1	ENE 2	6	10	6.1
18	56.58	54.53	24.4	31.1	92	61	E 2	ESE 3	7	3	2.8
19	57.05	55.14	24.8	30.7	89	67	ESE 2	ESE 3	7	3	------
20	57.46	55.86	21	30.7	98	64	ENE 1	SE 2	2	5	------
21	58.05	55.86	22.7	29.3	98	68	NE 1	ENE 3	5	9	1
22	57.56	55.45	23	27.7	96	82	NE 1	W 2	9	9	5.3
23	57.42	55.87	19.8	29.2	98	64	E 2	W 2	3	4	------
24	57.05	56.19	21.3	29.2	97	74	NE 1	NE 2	6	9	7.9
25	57.58	56.57	22	26.5	97	89	ENE 1	ENE 1	7	10	5.1
26	56.61	55.97	23	27.2	97	87	Calm	E 1	10	10	40.9
27	56.70	56.01	24.7	25.2	90	86	WNW 2	ENE 2	10	10	5.9
28	57.55	56.92	24.1	25.4	91	78	ENE 1	NE 4	10	8	17.8
29	57.44	56.20	23.8	24	93	91	NNE 2	ESE 3	8	10	21.1
30	57.51	56	22	27	96	84	EbyS 1	SE 2	3	9	2
31	58.36	56.52	23.5	27.7	91	82	EbyS 2	ESE 2	9	7	13.2
Mean	57.06	55.80	22.8	27.8	95.4	78.6	1.2	2.2	6.2	7.6	------
Total	------	------	------	------	------	------	------	------	------	------	413.3

MASBATE.

[ϕ=12° 22′ N; λ=123° 36′ E; barometer above sea, 3.5 meters; gravity correction not applied, —1.79 mm.]

JANUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.					0-10.	0-10.	mm.
1	57.54	54.41	26.4	24.4	81	98	NW	3	NW	3	10	10	163
2	54.48	53.79	23.2	26	98	92	SE	2	SSE	2	10	9	9.4
3	56.31	55.90	23.8	31.2	97	61	E	1	SE	3	7	9	------
4	59.77	58.74	24.4	29.8	95	67	SE	1	SW	1	8	4	------
5	60.72	59.25	24.5	29.8	96	69	NE	2	SE	1	10	4	------
6	60.19	59.13	24.4	29.6	92	70	NE	2	SE	1	8	6	------
7	60.49	59.13	25	30	93	69	NE	2	NE	2	10	6	------
8	60.87	60.07	25	28.5	93	75	SE	3	SE	1	10	9	7.1
9	61.95	59.85	25	29.4	92	70	SE	3	N	2	10	7	2.6
10	62.50	60.17	24.8	29.4	92	75	N	2	SE	1	9	9	3.3
11	61.65	60.17	25.8	26.5	82	90	N	3	NE	2	10	9	13.7
12	60.42	59.05	24.2	28.2	94	77	N	2	N	2	10	10	3.9
13	59.82	58.87	25.5	29.2	86	68	NNW	3	N	3	10	10	7.6
14	57.61	55.36	25	24.5	88	94	NNW	4	NNW	3	10	10	66.1
15	54.09	52.72	25.2	24.2	94	94	NNW	3	N	3	10	10	68.8
16	56.11	-----	24	-----	91	----	NNW	6	----		10	----	3.6
17	58.51	58.22	23.8	25.2	83	73	NNW	4	NNW	5	10	10	.5
18	59.59	58.92	23.8	27.6	73	59	NNW	2	N	3	8	9	------
19	60.19	59.17	----	----	----	----	NNW	2	N	3	10	7	------
20	60.04	58.72	24.5	27.2	68?	60?	N	2	N	3	10	8	------
21	59.06	57.67	24.5	26	78	76	NW	3	NW	3	10	10	4.1
22	58.31	56.29	24	25.6	91	91	NNW	3	NNW	3	10	10	4.1
23	57.59	55.92	24.5	23.2	97	80	NW	2	NNW	3	10	10	14.2
24	58.29	57.34	24.8	26.8	85	84	NNW	3	N	2	10	10	15
25	59.21	58.42	25.4	29.2	90	70	NNW	3	N	3	8	9	14.2
26	59.09	58.09	23.6	25.2	98	92	NE	2	N	3	10	10	86.9
27	58.59	57.09	23.8	29.6	97	74	NNW	1	NNE	2	10	10	5.1
28	58.54	56.75	25	27.8	93	83	NE	2	NNE	2	10	9	12.2
29	57.61	56.85	24.5	26.6	94	81	N	1	NE	1	10	10	5
30	58.21	56.47	23.6	28.5	97	78	N	1	NNW	2	10	8	1.5
31	57.11	55.97	24.5	28.4	94	78	SW	2	NNW	3	9	4	----
Mean	58.85	57.60	24.6	27.7	90.1	77.3	2.4		2.4		9.6	8.5	------
Total	-----	-----	-----	-----	-----	-----	-------		-------		-----	-----	511.9

FEBRUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.					0-10.	0-10.	mm.
1	56.99	56.31	24.2	30	94	73	W	1	NNW	2	9	8	4.3
2	57.61	56.40	24.6	28.8	92	76	NNW	2	NNW	2	9	7	.8
3	57.59	56.60	24	30.5	97	72	E	1	E	2	7	4	------
4	58.19	56.97	25	29.6	96	71	Calm		N	2	8	6	------
5	58.16	57.10	24.4	28.4	93	77	SE	1	NNW	2	8	9	3.3
6	59.19	57.32	23.8	29.5	97	68	SE	1	NNW	2	9	4	------
7	57.76	56.43	24	30.6	95	57	SSW	1	NNE	1	9	4	------
8	57.44	56.80	22.2	28	95	73	Calm		NNW	3	8	4	.3
9	59.71	58.62	21	29.6	96	49	SW	1	NNW	2	8	3	------
10	60.42	59.30	23	29.4	91	64	SW	1	NW	3	9	8	------
11	60.32	59.13	23.4	30.8	92	60	SE	2	NE	2	8	9	------
12	60.26	59.70	25.4	28	80	69	NNE	2	NNE	2	8	10	------
13	60.94	59.55	25	30.5	79	61	NE	2	NE	2	9	9	------
14	61.12	59.70	24.5	30	92	64	NE	1	NNW	2	10	7	------
15	60.17	58.95	24	31.6	86	54	E	1	NE	3	7	8	------
16	60.09	58.77	23.5	30	94	68	SW	1	NNW	2	8	7	------
17	59.62	57.98	24.4	32.6	91	56	NE	1	NW	2	8	8	.5
18	58.34	57.07	25.2	28.5	90	77	NNW	1	N	2	10	9	25.9
19	57.61	56.12	24	27.2	93	86	NNW	1	N	3	10	10	17.5
20	57.66	56.85	24.6	26.6	95	84	NNE	1	NNE	3	10	10	11.7
21	57.77	56.55	24	30.4	97	72	SSE	1	NE	3	10	8	4.1
22	57.77	56.77	25.2	28.6	92	73	E	1	E	2	10	8	------
23	57.96	57.47	24.2	30.4	94	60	SE	1	NE	2	9	6	------
24	58.36	57.52	23.6	30.8	93	60	NE	1	NE	2	10	9	------
25	58.96	57.65	23.2	30.8	94	60	SE	1	N	2	10	9	------
26	58.16	57.35	25.2	28.4	83	68	NNW	2	NW	3	9	9	------
27	58.30	56.92	24.4	32.4	87	50	NW	2	NNW	2	9	8	------
28	58.14	56.82	25.47	28.4	80?	75	N	2	NNW	3	8	9	------
29	57.89	57.30	26.2	27	84	88	NNW	3	NNW	3	10	10	------
Mean	58.71	57.59	24.2	29.6	91.1	67.8	1.2		2.3		8.9	7.4	------
Total	-----	-----	-----	-----	-----	-----	-------		-------		-----	-----	68.4

MARCH.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.					0-10.	0-10.	mm.
1	58.47	58.87	26.5	26.2	78	78	NNW	2	NNW	3	10	9	5.3
2	59.36	59.12	24.5	27	75	68	NNW	3	N	3	10	10	------
3	59.52	59.45	25	27.6	74	69	NE	3	NNE	4	10	9	------
4	60.61	59.72	24.5	23.5	92	90	NNE	2	N	2	10	10	25.1
5	60.27	58.55	23.5	30	94	66	E	1	NNW	2	8	4	1.5
6	58.79	57.39	24.2	28.4	95	79	NNW	2	NNW	3	10	8	------
7	57.94	56.90	24.2	29.6	95	63	E	1	E	2	7	4	------
8	58.56	57.92	24.8	30.8	92	60	SE	1	N	2	10	4	------
9	59.54	58.58	24.6	30.6	93	63	Calm		SE	2	8	8	------
10	59.09	57.80	25	31.2	92	61	NNW	2	NNW	2	9	8	------
11	58.59	57.53	25	29.2	90	73	NNW	2	NNW	3	7	8	.5
12	59.70	58.35	25	30	92	77	N	2	NNW	3	10	7	6.1
13	59.97	59.05	25.5	32.6	93	60	Calm		E	2	9	6	1
14	59.66	58.10	24.5	30.6	91	63	N	1	NNE	3	6	8	------
15	58.87	57.75	25.5	29.8	78	65	N	3	NE	3	9	10	1.5
16	59.09	57.92	24.5	28.2	86	72	NE	2	NNW	3	10	10	9.7
17	59.69	58.70	23.8	29.8	86	69	NE	2	NE	2	10	8	7.9
18	59.89	58.70	24	31.2	93	57	NNW	2	NE	2	7	6	------
19	59.57	58.35	23.8	30.6	93	63	NE	1	NE	3	9	6	2.5
20	59.32	58.25	24.5	32.4	94	60	NE	1	SE	1	9	4	------
21	59.46	58.95	24.4	31.5	90	64	NE	1	NE	1	9	5	------
22	60.24	59.78	24	28.6	96	80	SE	1	NNW	3	8	9	2.3
23	60.70	59.95	25.5	31	92	65	NNW	1	NE	3	10	6	3
24	61.71	60.65	24.8	32.2	90	59	NE	1	NE	3	10	10	18.8
25	62.54	60.32	23	29.8	98	63	NE	2	NNW	3	10	8	3.3
26	61.72	60.33	24.8	32	82	59	NNW	2	NNW	3	9	8	------
27	61.07	59.88	24.6	32.4	93	61	NE	1	NE	3	9	6	------
28	60.69	59.10	24	30.8	93	67	NE	1	SE	3	8	6	------
29	59.72	57.98	25.5	33	89	59	NNW	2	NNE	2	10	5	------
30	59.12	57.67	26	31	88	72	NNE	2	N	3	10	10	7.1
31	58.49	57.23	24.6	30.6	91	70	NNW	2	NNW	3	9	8	----
Mean	59.74	58.67	24.6	30.1	89.5	66.9	1.6		2.6		9	7.4	------
Total	-----	-----	-----	-----	-----	-----	-------		-------		-----	-----	95.6

APRIL.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.					0-10.	0-10.	mm.
1	57.56	56.73	23.2	30.4	97	66	NE	1	NE	2	9	9	------
2	57.94	57.53	23.5	32.5	96	59	NE	1	NE	1	10	6	------
3	59.92	58.78	24.4	32.8	90	62	SE	1	NE	2	8	9	------
4	60.70	59.23	25.5	32.5	94	59	W	1	N	2	8	8	------
5	60.77	59.70	24.5	32.5	96	62	SE	1	NNE	2	9	7	1
6	61.67	60.29	24.2	30.6	94	65	NNE	3	NNE	3	10	7	1.3
7	62.22	61	25.5	31.6	84	63	NNE	2	NNE	3	8	7	------
8	62.22	59.93	25.8	29.5	81	69	NNE	3	N	3	10	10	3
9	60.67	59.75	24.6	32	98	63	Calm		NNE	4	5	6	.8
10	60.52	59.53	24.4	31.4	98	61	NNE	1	NE	3	7	8	.8
11	60.35	58.85	25	32.6	95	53	NNE	1	NNE	4	6	5	3.3
12	60.20	58.98	25	32.2	95	65	N	3	NNE	3	9	6	5.8
13	60.55	59.10	25.5	33.5	93	56	NNE	1	NE	3	8	5	------
14	60.05	58.93	26	31.5	92	65	NNW	3	SE	2	9	8	------
15	59.29	57.75	24.8	31.2	93	66	SE	1	NE	3	9	7	------
16	58.32	56.85	26	29.6	87	72	NNW	4	NNW	3	10	9	------
17	55.99	54.82	26.6	25.6	91	90	NW	4	W	4	10	10	1.5
18	54.97	54.82	27	24.8	81	100	W	4	SW	5	10	10	16.3
19	55.99	55.40	24.5	30.6	97	74	SW	3	NNW	4	7	5	------
20	56.89	55.40	25	30.6	96	72	SW	2	NNW	4	5	5	------
21	56.54	55.65	24.6	31.5	97	68	SE	1	NNE	3	7	8	2
22	57.09	56.15	24.6	30.5	92	70	SW	1	W	3	7	8	------
23	56.77	55.80	24.8	26.4	97	78	Calm		SW	3	3	9	------
24	57.16	55.78	24.4	30.8	95	64	NE	1	SE	2	2	7	------
25	57.50	56.65	25.6	31.6	91	59	NE	2	NE	2	4	2	------
26	58.34	57.60	25	32	93	63	SE	1	N	3	6	7	------
27	58.12	57.60	25	31.4	93	65	SE	2	NE	2	4	6	.3
28	58.77	57.20	25.5	30.6	89	67	SE	1	NE	2	6	5	------
29	58.62	57.53	25.6	31.1	91	62	SE	1	ESE	2	7	6	------
30	58.75	57.93	26.2	31.2	89	57	Calm		NE	3	2	4	------
Mean	58.82	57.71	25.1	30.9	92.5	66.5	1.7		2.8		7.2	7	------
Total	-----	-----	-----	-----	-----	-----	-------		-------		-----	-----	36.1

MASBATE.

[$\phi = 12°\ 22'$ N; $\lambda = 123°\ 36'$ E; barometer above sea, 3.5 meters; gravity correction not applied, —1.79 mm.]

MAY.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	58.87	57.32	26.5	29	80	71	N 3	NNW 3	2	5	------
2	57.79	56.27	26.6	27.6	84	80	N 3	N 4	9	10	16.3
3	56.34	55.74	25.6	26.6	95	89	NW 5	NNW 3	10	10	42.2
4	57.12	57.57	25.6	28.2	93	76	NE 2	NNE 2	10	10	3.3
5	57.07	56.90	25.5	23.4	92	92	NE 1	SE 2	10	10	13.5
6	57.76	56.17	24.5	29.5	96	75	SSW 1	NE 2	10	6	3.3
7	57.25	57.03	26.6	29.4	90	75	NE 2	NE 2	5	8	------
8	59.07	58.15	25.8	27.8	95	82	S 2	NE 2	10	7	3.6
9	59.47	58.97	25.6	28.4	90	80	E 1	NE 2	9	9	------
10	59.12	57.70	26.2	31.2	89	51	NE 2	NE 1	4	4	------
11	58.87	57.40	26.4	30.6	90	55	NE 1	NE 2	6	4	------
12	58.89	57.54	26.2	30	92	71	SSE 1	SW 2	7	9	------
13	58.32	57.25	25	26.6	93	87	SW 2	SW 2	4	10	7.1
14	57.75	56.27	26	27.5	90	82	SW 1	SW 2	8	9	------
15	57.02	56.53	25.6	29	95	75	SE 1	NE 2	9	10	------
16	58.84	58.18	26.6	30.4	86	70	NE 2	NE 2	10	7	------
17	59.70	58.86	26.4	30.8	81	67	NE 2	E 1	2	3	------
18	59.35	57.70	26.2	30.4	87	69	Calm	NE 2	8	8	------
19	58.19	57.33	26.5	29.8	86	69	NE 1	SW 3	3	4	------
20	58.29	57.48	27.2	31.4	87	56	NE 1	NE 2	3	3	------
21	58.22	57.40	27.2	30.8	86	63	NE 1	E 2	6	8	------
22	57.94	56.65	26	30.6	89	68	NE 2	NE 2	7	8	------
23	58.12	56.98	26.4	31.4	85	67	NE 1	NE 3	4	5	------
24	57.84	57.12	26.8	29.8	94	74	NE 1	NW 3	5	6	------
25	57.59	56.80	27	30.4	86	72	NE 1	NNW 2	4	7	3.3
26	56.50	55.72	27.4	28	86	86	NNW 3	NE 3	10	9	6.1
27	57.19	55.85	25.6	28.8	93	76	S 1	SW 1	6	6	------
28	56.69	55.98	27	32.6	88	62	NE 1	NE 2	2	7	------
29	56.84	55.76	26	30.8	94	69	SSW 1	NE 3	3	6	------
30	57.64	56.78	26	30.8	90	68	SSW 1	NE 2	8	9	------
31	57.87	56.13	25.4	31.8	93	56	Calm	NE 2	5	6	------
Mean	57.98	57.05	26.2	29.5	89.5	72	1.5	2.2	6.4	7.2	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	98.7

JUNE.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	57.82	56.95	25.8	30.8	90	64	S 1	NE 2	8	5	------
2	57.17	55.83	25	31.4	63	53	SW 2	NNE 2	6	4	------
3	57.22	56.18	25.4	30	90	71	NE 1	SW 3	8	8	------
4	57	56.51	26.2	29	94	78	SE 1	SW 3	7	6	------
5	57.34	55.83	25.8	32	93	53	SE 1	NE 2	7	6	------
6	56.39	55.70	26.4	26.5	90	82	SE 1	NNE 1	7	10	------
7	56.44	54.88	26	31.8	87	62	NE 1	NE 2	5	4	------
8	56.09	54.56	26	31.5	95	65	SSW 1	NE 1	9	9	0.3
9	56.39	54.98	25.5	31.8	93	64	SE 1	NE 2	10	10	------
10	56.32	55.35	25.6	30	93	74	SW 2	NE 2	9	10	------
11	56.12	54.05	26	30.6	94	64	SW 2	SW 3	10	9	18.5
12	55.14	53.18	25	30.2	90	68	SE 2	SW 3	10	6	24.9
13	54.64	53.97	26.8	26.4	83	94	SW 3	SW 3	10	10	11.5
14	55.54	55.43	25.6	29.5	91	72	SW 2	SW 3	10	10	------
15	55.49	55.06	26.6	30.6	78	68	SW 3	SW 3	5	6	------
16	55.40	54.41	27	30.6	87	69	SW 2	SW 3	6	7	.3
17	55.99	54.83	25.5	29.8	92	74	SW 2	NNW 2	10	10	------
18	57.04	55.90	26.2	29.8	89	71	NNW 2	NNW 2	10	7	8.9
19	57.72	56.65	25	29	93	71	SW 3	SW 3	10	7	9.6
20	57.49	56.57	26.2	28.5	84	75	SW 3	SW 3	10	10	------
21	57.39	56.32	25	26.2	93	82	SW 2	SSW 3	10	10	46.7
22	58.44	57.95	25	26.2	87	86	SSW 1	SSW 1	10	10	8.7
23	58.92	58	25.4	31.4	92	63	SSW 1	SSE 1	10	7	------
24	59.32	58.28	26.2	30.6	90	70	SW 1	NE 2	8	6	5.1
25	60.02	58.85	26.4	26.6	90	78	NE 1	SW 2	8	8	------
26	59.55	58	25.8	29.5	93	75	SW 2	SW 3	7	5	------
27	59.12	58.05	26.2	29.2	90	74	SSW 1	S 2	8	10	------
28	59.12	57.82	25.4	29	92	78	SW 3	NNE 3	10	10	4.1
29	59.47	58.75	25	28.4	93	77	SW 2	NNW 3	10	8	66.1
30	59.69	57.62	24	28.8	91	76	SSW 1	NE 2	8	8	------
31											
Mean	57.33	56.22	25.7	29.5	90.3	71.7	1.7	2.3	8.5	7.9	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	204.7

JULY.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	58.34	57.50	25	27.6	92	84	SW 2	N 3	4	9	0.3
2	58.09	57.47	25.6	27.6	92	76	SW 2	NNW 3	10	8	1.6
3	57.64	57.22	25.2	27.4	94	83	Calm	SE 2	7	10	.5
4	58.07	57.60	25	30.5	85	65	SE 1	SE 1	6	10	------
5	59.42	58.03	25	30.4	90	76	SE 1	NE 2	10	9	45.7
6	59.41	58.65	25	31.2	92	64	SSW 1	NE 1	7	7	.5
7	59.39	58.50	25	30.6	92	72	SW 1	SE 2	4	6	------
8	58.79	57.56	26	29.2	90	74	S 1	SE 2	7	4	------
9	58.67	58.07	27	26.5	87	84	SE 1	SSE 1	6	6	12.4
10	59.19	57.95	26.6	31.2	87	74	SSE 1	NE 2	2	5	------
11	58.94	58.45	26	30.4	90	63	NE 1	NE 2	4	9	------
12	58.57	58.05	26.4	31.2	86	61	NE 1	NE 2	5	5	------
13	59.17	58.05	26.6	30.8	87	65	NE 1	NE 2	8	6	------
14	58.07	58.23	26.2	29	85	78	NE 2	NE 3	10	9	------
15	58.44	57.73	26.6	30.2	94	74	NE 1	NE 3	9	9	------
16	57.29	56.53	26.4	28.6	86	78	N 2	N 2	10	10	10.4
17	57.02	56.66	26.2	30.2	86	68	NE 2	NE 2	8	7	------
18	57.24	56.57	26.4	28.6	90	78	NE 2	NE 1	9	10	55.4
19	57.89	56.45	25	29	93	79	Calm	NE 2	10	10	------
20	57.49	56.17	26.2	28.8	90	79	S 2	NE 2	9	8	6.9
21	57.54	56.55	25.5	28.4	88	78	Calm	W 2	6	6	7.6
22	56.64	56.17	25.5	25	86	97	SW 3	W 3	4	10	22.8
23	56.17	54.68	25.8	31	92	65	SW 2	SW 3	4	6	------
24	56.17	55.50	26.6	31.4	90	60	SSW 3	SW 3	6	6	2.5
25	57.07	56.57	25.2	27.4	90	87	SW 3	SW 1	10	9	21.6
26	57.07	55.85	26	29.8	92	73	SW 1	SW 3	10	7	------
27	56.74	55.68	27	31	84	63	SW 3	SW 3	6	4	------
28	56.39	56.13	26	31	92	64	SSW 1	SW 3	4	6	------
29	56.34	56.35	26.8	27.8	90	82	SW 2	NNW 3	7	8	6.1
30	56.89	56.43	25.6	27.5	92	85	S 2	SW 3	5	4	14.2
31	57.50	56.02	25.2	28.2	90	79	SW 2	SW 3	4	6	------
Mean	57.80	57.01	25.9	29.3	89.5	71.5	1.5	2.3	6.8	7.4	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	208.5

AUGUST.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	57.97	57.10	26.2	30	87	77	SW 1	Calm	2	6	9.4
2	58.14	57.62	25.6	26.8	91	87	SW 2	W 3	8	10	------
3	58.82	57.43	25.6	31.4	93	63	SSW 1	SW 3	5	8	3.8
4	59.17	58.30	27	27	86	87	S 2	NNW 3	4	10	13.7
5	59.62	57.85	25	29.6	83	69	SW 2	S 3	10	9	9.4
6	58.59	57.54	26.2	30.5	81	65	S 2	SW 3	9	7	------
7	58.92	57.80	25.4	31.4	90	61	Calm	SW 3	8	9	------
8	58.82	57.23	26.5	31.4	88	63	SW 2	SW 3	7	8	1.5
9	57.82	55.90	27	30.6	88	58	SW 2	SW 4	10	10	------
10	56.24	55	26.8	31.8	82	60	SW 3	SW 3	10	9	------
11	55.62	53.83	27.4	31.2	85	66	SW 2	SSW 4	9	5	4.6
12	55.49	54.60	26.8	29.8	86	70	SW 3	SSW 3	10	10	------
13	55.82	-----	27.4	-----	85	-----	SW 2	-------	8	-----	1.8
14	57.52	57.20	27	31.4	84	60	SW 3	SW 3	6	6	8.6
15	59.60	58.65	25	30.6	92	59	SW 1	SW 2	10	3	------
16	59.22	57.55	25.5	30.8	93	68	Calm	NNW 2	2	7	------
17	58.39	56.93	26.5	30	84	65	SSW 2	SW 4	8	9	------
18	58.19	56.85	26.2	31.6	86	57	SW 2	SW 3	4	4	------
19	58.30	57.43	26.8	29.6	87	67	SSW 2	SW 3	9	9	------
20	58.37	56.41	26.2	31.8	81	58	SW 3	SW 2	7	4	49
21	59.19	58.50	25	27.5	90	84	Calm	N 2	6	10	1.6
22	59.80	58	25	31.5	93	60	SW 2	NE 2	3	8	------
23	59.07	57.45	25.6	28.6	95	78	Calm	SW 2	9	9	4.1
24	58.09	57.17	26.5	26.2	86	89	SW 1	NNW 3	4	10	29.7
25	58.32	57.28	25.8	31.2	92	68	SW 1	SW 2	3	4	------
26	59.17	59.49	26.5	25	86	87	NE 2	NE 2	10	10	16
27	58.34	57.15	25	29.8	95	75	Calm	NNE 1	7	7	------
28	57.82	56.30	26.6	30	89	65	SW 2	NNW 3	10	10	79.2
29	57.71	57.33	25	29.6	85	63	SW 2	SW 3	10	10	.5
30	58.07	58	25.4	29	93	79	Calm	NE 2	4	7	------
31	59.40	58.20	25.6	29.8	95	69	Calm	NE 2	4	9	4.1
Mean	58.25	57.20	26.1	29.8	88.1	69.2	1.5	2.6	7	7.9	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	237

MASBATE.

[ϕ=12° 22′ N; λ=123° 36′ E; barometer above sea, 3.5 meters; gravity correction not applied, —1.79 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	59.35	58.05	25.2	28.5	90	77	NE 2	NNW 3	10	10	0.3
2	58.12	56.17	25.2	26	93	92	S 1	SW 3	10	10	36.1
3	56.17	55.15	25.6	29	88	72	S 2	SW 3	10	10	------
4	56.09	55.25	26.8	29.2	84	70	SSW 3	SSW 3	10	10	------
5	57.12	56.77	25.5	29	89	75	SW 2	NE 2	10	7	2.3
6	58.37	56.82	25.6	29.8	91	76	S 1	NE 2	9	9	------
7	58.04	56.40	26.4	31.5	89	59	SW 1	NE 2	6	5	------
8	58.32	57.15	26.5	29.6	90	69	Calm	NNW 2	8	9	.3
9	58.04	56.73	25.5	30	92	73	S 2	NE 2	7	8	2.8
10	57.79	56.75	26	25	89	88	S 2	SW 2	10	10	8.9
11	59.02	57.35	25	29.4	96	72	S 2	SW 1	10	10	3.8
12	59.99	58.07	25	27.4	83	74	S 2	NNW 1	10	10	3.3
13	58.07	56.57	25	29.5	92	68	SW 2	NNW 2	8	9	20.8
14	56.28	55.47	25	27.6	88	83	S 1	NNW 2	10	9	39.4
15	57.42	56.42	25	30.5	88	71	SW 1	S 3	10	10	5.6
16	57.87	56.55	25.5	30.2	94	68	SE 1	NE 2	9	8	------
17	57.52	56.15	25.2	27	94	86	SW 2	SW 3	4	10	------
18	56.22	55.40	25	29.5	92	78	SW 3	N 4	7	8	.3
19	56.32	55.18	26.8	31.6	82	57	SW 3	SW 3	4	5	------
20	56.95	55.88	27.2	30.6	83	71	SW 3	NE 2	8	7	------
21	56.12	54.60	26.8	30.4	87	66	SW 3	SW 3	10	10	19.3
22	55.47	54.17	26	26.5	96	85	Calm	SW 3	10	10	42.2
23	54.77	53.55	25.4	28.4	88	70	SW 3	SW 4	10	10	14.3
24	54.34	53	25	29	93	78	SW 2	S 3	10	10	91.9
25	54.87	53.71	25	29.2	92	74	SW 1	SW 3	10	10	1
26	55.84	55.65	26.6	28.8	80	76	SW 3	SSW 2	10	10	1
27	58.04	56.10	26	29	88	63	SW 3	SW 4	10	10	------
28	56.54	56.05	27	26	80	81	SW 3	SW 2	10	10	14.8
29	56.66	56.09	25	26	88	85	SW 2	SW 2	10	10	1
30	57.57	56.95	25.6	30	90	75	SW 2	NE 2	10	6	6.6
31											
Mean	57.11	55.94	25.7	28.8	89	74.4	1.9	2.5	9	9	------
Total											316

OCTOBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	58.59	56.95	26.4	31.5	90	69	S 2	NE 2	5	4	------
2	58.49	56.83	26	31.5	94	57	S 1	N 2	7	6	------
3	58.29	58.17	25.6	25.8	92	84	SW 2	SW 3	10	10	19.6
4	58.84	57.87	25	27.6	87	80	S 2	NNW 3	9	7	1.8
5	59.27	57.95	25.2	28.5	85	70	S 2	SW 3	10	9	------
6	58.05	56.97	25.5	28	94	77	Calm	Calm	4	8	.3
7	57.57	56.28	25	29.6	96	64	SW 1	NNW 3	8	7	1.3
8	57.34	56.62	25.4	28	88	77	S 2	N 3	10	10	1.3
9	58.17	57.60	25.2	28.6	88	77	SW 2	SW 3	10	10	2.8
10	59.84	58.37	25	28	88	76	Calm	SW 3	5	6	------
11	58.82	57.10	26.4	30.2	89	70	NE 2	NE 2	7	6	------
12	58.09	56.75	27	31.2	86	64	NE 2	NE 2	6	7	------
13	58.02	56.67	26.8	27.2	87	89	NE 2	NE 1	8	10	6.3
14	57.94	56.80	25.8	29.5	87	70	NE 2	NE 2	8	6	------
15	57.32	55.60	25.6	29	87	75	NE 1	N 3	3	9	4.3
16	57.09	55.87	25	25	95	92	SW 3	SE 2	10	10	41.4
17	57.49	56.10	25	27.6	90	81	Calm	SW 1	8	9	10.5
18	58.02	56.57	25.8	28.5	90	81	SE 1	W 2	9	6	.5
19	57.59	55.85	26.5	29.5	86	76	NE 3	NE 2	5	7	------
20	57.42	56.72	26.8	29.2	86	74	NE 2	E 2	4	4	3.6
21	57.82	57.12	25.8	27.2	89	84	NE 2	Calm	8	7	13.4
22	57.92	56.37	26	28	87	96	NE 2	NE 2	9	10	------
23	58.17	56.37	26	28.4	89	83	NE 1	NNW 2	3	10	13.5
24	57.89	56.58	26.6	29.5	87	77	NNW 2	NE 3	10	8	4.8
25	59.29	58.47	25.4	30.6	93	70	E 2	E 2	4	7	8.4
26	60.62	58.95	25	27.2	80	77	NE 2	NE 3	8	9	6.4
27	59.24	57.62	25.2	27.2	90	83	NNW 1	NE 3	7	9	2.8
28	57.94	56.45	25.6	30.2	92	73	NE 1	NE 3	4	5	------
29	58.27	57.55	26.5	28.5	85	77	N 3	NNW 1	4	7	8.9
30	58.27	56.97	25.6	28.4	88	78	NNW 3	NNW 3	10	9	4.5
31	57.42	55.45	26	29	85	69	N 3	NE 1	8	8	.8
Mean	58.23	56.95	25.8	28.7	88.7	76.5	1.7	2.2	7.1	7.7	------
Total											157.2

NOVEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	56.14	55.40	25.2	25	92	93	NE 2	NW 2	7	10	6.9
2	56.89	55.50	25	28.6	96	76	SE 1	NNE 1	8	7	------
3	58.41	56.65	25	28.8	93	72	Calm	N 2	7	8	4.3
4	58.22	55.50	25	30.5	93	68	N 3	NE 2	9	4	1.3
5	56.87	55.12	26	29.5	85	65	NW 3	NNW 2	7	3	------
6	56.77	55.40	25	29.8	92	69	SW 2	NNW 3	7	6	------
7	56.92	55.72	25	29.8	90	63	SW 1	NW 3	6	8	------
8	57.04	56.85	25	28.6	83	75	SE 1	NNW 3	8	7	------
9	58.17	57.07	25	30	93	70	NE 1	N 3	9	7	------
10	58.64	56.89	25	29	96	75	SE 1	NNW 4	4	7	30.7
11	58.02	56.87	25	29.6	88	67	Calm	N 3	10	7	.3
12	58.94	58.17	26.2	27.2	81	84	N 2	NE 4	3	10	2.8
13	59.14	57.90	26.6	27	81	86	N 3	NE 3	6	10	2.3
14	58.62	56.65	26	29.4	81	74	NE 2	N 3	7	5	1.8
15	56.49	54.92	25	28.2	95	80	W 1	NNW 4	4	10	------
16	56.17	54.45	25	27.8	93	83	SW 3	NNW 2	10	8	4.3
17	56.69	55.23	25.2	29.5	92	70	S 2	S 3	7	8	------
18	58.14	57.17	25.6	28	95	81	SW 2	SW 1	10	10	9.7
19	58.61	57.05	24.5	27.4	97	81	Calm	SW 1	7	8	------
20	58.31	56.37	25	27.5	95	87	SE 1	SW 2	6	7	5.1
21	58.42	57.47	25.4	27.5	93	81	SW 2	SW 3	8	10	------
22	58.39	57.52	25	25	97	85	Calm	SW 3	9	10	39.2
23	58.71	57.32	23	29.4	96	72	SW 1	NE 2	4	6	------
24	58.27	56.70	25	28.6	92	77	SW 1	NNW 3	3	8	------
25	56.99	55.65	25	29.8	82	66	NE 1	NNW 2	3	4	------
26	55.37	53.67	25	29.2	92	73	SW 3	NNW 3	2	4	6.1
27	54.92	53.30	26	29	87	74	W 3	NNW 3	7	9	18.5
28	55.20	53.90	26.8	27.5	84	84	NNW 5	SW 3	10	10	5.8
29	55.25	54.32	26.8	27.5	81	79	NNW 4	NNW 5	10	10	1.3
30	57.44	56.64	25.6	27.2	73	70	N 4	N 3	10	10	1.5
31											
Mean	57.41	56.05	25.3	28.4	89.6	76	1.8	2.7	6.9	7.7	------
Total											141.9

DECEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	57.14	54.99	25	26.4	77	78	N 5	N 3	10	10	17
2	55.61	55.54	23.6	25	90	80	SE 1	NNW 3	10	8	1.3
3	57.29	56.90	23.5	28.2	97	76	Calm	NE 3	7	8	------
4	58.44	56.77	26	30	90	73	NE 1	N 2	3	4	64.5
5	57.69	55.92	25	28.2	88	77	SW 1	NE 2	10	10	2.6
6	56.59	56.05	25.8	26.6	81	86	N 2	NNE 3	8	10	2.3
7	56.87	55.91	26	26.6	82	89	NNW 3	NNW 3	10	8	4.1
8	57.04	55.75	25.2	29.2	90	72	NE 2	NE 2	7	4	------
9	57.19	56.20	25	29.2	93	73	NE 2	NE 2	3	4	------
10	57.94	56.65	25.6	28.2	90	79	NNE 2	N 3	10	8	------
11	57.54	56.07	25.5	29.4	88	71	Calm	N 2	4	7	8.4
12	57.02	56.47	26	25.6	85	88	NNW 3	NE 3	4	10	2.8
13	57.67	56.35	25	28.2	92	77	NE 1	NE 2	5	8	4.3
14	57.17	56.05	25.6	28.5	87	78	NE 2	NE 2	8	6	9.4
15	56.39	55.34	25	26.2	96	92	Calm	NE 1	10	8	37.6
16	56.79	55.22	25.8	27.6	92	81	NE 2	NE 3	10	9	.3
17	56.57	55.17	25.6	27.5	88	87	NE 1	NE 3	8	9	6.4
18	57.02	55.07	25.5	28.4	93	76	Calm	NE 2	9	7	8.6
19	56.62	55.45	25	29.5	95	76	NE 1	NE 2	5	4	------
20	57.44	56.22	25	29.2	92	70	Calm	NE 3	6	7	3.6
21	58.59	56.22	24.8	28.5	93	73	NNE 2	E 2	10	7	------
22	57.67	55.87	25	28.5	93	74	NE 1	N 1	8	8	------
23	57.55	55.85	23.6	29.2	91	66	Calm	NE 2	3	3	------
24	57.34	56.32	24.8	27.6	87	76	SW 1	NNW 2	7	8	.5
25	57.93	56.60	25	28.8	88	76	SW 1	NNE 2	7	9	3.1
26	57.14	56.24	25.5	27	86	77	NE 1	N 3	10	10	15.2
27	57.14	55.93	25.2	27	90	80	NE 1	SE 2	10	10	5.1
28	58.07	56.87	24.6	25.2	95	90	NNE 2	NNE 3	10	10	16
29	57.89	56.02	25	26	100	84	NE 3	NE 3	10	10	4.1
30	57.74	55.60	24	29	93	74	Calm	NE 2	7	6	1
31	58.11	56.60	24	28	95	74	SE 1	NE 2	9	8	------
Mean	57.33	56.01	25	27.8	90.2	78.2	1.4	2.4	7.7	7.7	------
Total											213.2

ROMBLON.[a]

[$\phi = 12°\ 35'$ N; $\lambda = 122°\ 16'$ E; barometer above sea, 7 meters; gravity correction not applied, —1.78 mm.]

JANUARY.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	56.53	55.32	25.8	25.6	85	88	N 4	NW 4	10	10	37
2	52	52.75	25.5	25.5	88	88	NNE 8	NE 5	10	10	105.1
3	54.91	55.07	23.5	28.8	97	72	SE 1	SSE 6	9	6	------
4	58.70	58.01	23.3	29.5	96	76	S 1	SE 3	4	4	------
5	59.42	58.87	25.5	29.5	92	71	ENE 4	ENE 3	7	6	------
6	59.35	58.91	23	29.8	97	71	ENE 1	NE 2	5	7	------
7	59.55	58.60	25.8	29.1	86	76	NE 4	NE 3	7	4	------
8	60.07	59.76	25.7	29.6	87	76	NE 3	NNE 4	4	7	.5
9	61.40	59.81	25.4	31	87	65	N 3	NNE 4	5	5	------
10	61.48	60.07	26	30.9	85	64	NE 4	NNE 4	9	1	6.6
11	61.37	59.91	25.7	28.5	81	77	NE 6	NNE 5	9	10	11.7
12	60.06	59.26	25	28.4	87	75	N 5	N 6	5	9	1.5
13	59.36	58.84	24.6	27.7	90	78	NE 5	N 6	8	10	------
14	58.02	56.94	25.7	25.4	82	90	N 6	NNW 6	10	10	2.1
15	54.63	54.07	26	25.1	84	95	NW 7	NW 7	10	10	12.9
16	56.21	56.41	24.8	27.2	80	68	NNW 7	N 7	10	10	------
17	58.66	58.22	23.7	27.1	69	59	N 4	N 6	10	9	------
18	59.57	58.87	22.7	27.6	77	62	N 5	N 4	9	7	.5
19	59.80	59.37	23.1	28.2	80	64	N 4	N 5	5	5	------
20	59.99	58.53	22.7	28.1	82	61	NE 4	N 3	9	9	------
21	59	57.75	21.3	27.9	90	68	NE 2	NNE 3	10	8	------
22	58.16	56.88	24.3	25.1	83	88	NNE 3	N 5	10	10	2.8
23	57.44	56.13	24.5	28.7	92	76	NNW 4	NNW 4	10	9	------
24	57.78	57.10	25	26.1	92	85	N 4	NNW 4	10	10	1.8
25	59.29	59.02	24.1	26	91	84	N 4	NNE 5	10	10	------
26	58.28	57.47	24.7	28.8	90	76	N 4	NNE 5	10	10	14.5
27	58.24	56.70	24.6	29.4	93	75	NNE 4	NE 3	10	10	5.1
28	58.03	56.47	25	27.8	88	82	NE 3	NE 4	10	10	21.8
29	57.06	56.17	24.6	26	92	86	NNE 4	NE 5	10	10	2.5
30	57.28	56.18	24	26.9	91	80	N 3	NE 4	6	6	.3
31	56.66	55.74	24.7	28.5	90	76	NNW 4	NNW 4	10	9	------
Mean	58.33	57.49	24.5	27.9	87.2	75.9	4	4.5	8.4	8.1	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	226.7

FEBRUARY.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	56.70	55.77	24	29.9	89	69	N 1	NE 4	9	1	0.5
2	57.15	56.03	24.7	30	91	69	NNE 1	NE 3	10	1	.3
3	56.93	56.32	23.5	29.5	97	75	NNE 1	ENE 2	8	3	------
4	57.44	56.37	22.2	30.6	98	65	SSW 1	S 3	10	8	------
5	57.18	56.63	25.3	32	93	64	SSW 1	S 2	8	2	------
6	58.29	57.02	23	28	97	77	NW 2	NW 3	5	6	------
7	57.16	56.21	21.2	29.7	99	67	S 1	SSW 3	3	5	------
8	57.11	56.52	18.2	30	98	58	N 2	NNW 3	5	1	------
9	59.15	58.38	19.5	28.7	98	59	SE 1	NNW 3	7	0	------
10	59.79	59.17	22.2	27.4	95	71	NE 2	N 3	4	7	------
11	59.84	59.01	23.6	29.9	89	64	NNE 2	NE 3	5	3	------
12	59.51	59.01	25.3	30.5	83	65	NE 4	NE 5	6	3	------
13	60.17	59.15	25.5	29	74	65	NE 5	NE 5	10	8	------
14	60.58	59.30	25	29	83	68	NE 3	N 3	8	1	------
15	59.31	58.45	24	30.5	86	66	ENE 3	ENE 3	5	1	------
16	59.43	58.75	23.1	29.7	97	69	E 1	N 3	5	5	------
17	59.13	57.63	25.4	30	88	69	NE 2	NE 3	7	8	------
18	58.03	56.65	24.6	28.7	91	73	NNE 2	NNE 3	10	9	7.6
19	57.12	55.73	24.4	28	92	77	NE 4	NNW 3	10	10	19.6
20	57.08	56.16	25.5	28.5	88	77	NE 2	NE 4	10	9	29.4
21	56.67	55.82	25	28.4	95	79	NE 5	NE 5	10	9	6.1
22	56.63	56.11	26	28.4	87	76	NE 4	ESE 3	10	9	32.6
23	57.11	56.90	22.6	28.7	98	73	S 1	ESE 3	1	4	------
24	57.78	57.23	24	30.1	91	69	E 3	NE 3	10	7	.8
25	58.29	57.10	23.1	30.4	97	63	ENE 1	NE 3	9	5	------
26	57.78	57.25	22.5	29.6	96	66	NE 1	NNW 3	10	9	------
27	57.79	56.87	22.1	28.9	96	68	NNE 1	NE 3	3	9	1
28	57.96	57.01	22.6	29.6	95	64	NE 1	N 4	8	3	.3
29	58.05	57.25	25.6	29.6	87	70	NNW 4	NW 4	9	6	------
30	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	58.11	57.23	23.6	29.4	92	68.8	2.1	3.3	7.4	5.2	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	98.2

MARCH.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	58.27	58.67	25.8	30	74	60	NE 5	NNE 5	7	9	------
2	59.24	58.53	24.5	29.5	75	61	NNE 4	NE 4	8	4	------
3	59.32	58.78	24.6	29.5	72	63	NE 4	NNE 5	1	7	1.3
4	60.06	59.37	25	27.8	86	70	NE 3	NE 5	9	10	------
5	59.69	58.56	24.6	29.7	90	69	NNE 3	NNE 3	3	5	5.8
6	58.59	57.14	25	28.7	83	73	N 4	N 4	10	3	.5
7	57.52	56.61	24.1	29	95	73	NE 1	N 2	9	7	------
8	58.20	57.31	23.2	31.2	97	66	E 2	NE 2	2	1	------
9	59.04	58.22	23.8	31.1	97	69	NE 2	NNE 3	9	5	------
10	58.82	57.44	24.1	31	93	61	N 2	ENE 2	8	1	.8
11	57.92	57.41	24.9	30.7	95	65	ENE 3	NE 3	7	1	------
12	59.18	58.11	25.9	30	82	70	NE 3	N 4	10	5	------
13	59.58	59.02	26	28.1	88	79	NNE 2	N 3	10	8	4.6
14	59.18	57.76	24.9	30.6	83	64	NE 2	N 3	6	4	9.9
15	58.60	57.12	23.6	30.8	95	61	N 2	NNE 4	7	9	.3
16	58.67	57.97	25.6	27.6	81	76	NNE 4	ENE 4	9	10	1.8
17	59.31	58.43	26	28	82	78	NNE 4	NE 2	8	9	3
18	59.42	58.35	25	30.1	79	64	ENE 3	NE 4	4	1	------
19	59.23	58.10	25	30.5	83	66	ENE 4	NE 4	1	1	.3
20	58.85	58.06	24.8	30.4	88	68	NE 4	NE 3	7	3	------
21	58.97	58.69	24.5	31	88	65	NE 3	E 4	3	2	------
22	59.76	59.05	25.5	31.1	85	61	NNE 3	E 4	1	3	------
23	60.27	59.73	26.2	30.8	88	67	NE 4	NE 5	8	2	.5
24	61.26	60.22	25.2	30.5	84	63	NNE 3	N 5	5	6	6.9
25	61.54	60.07	24.5	30.3	83	66	N 5	NNE 5	10	3	13.9
26	61.38	59.85	25.4	30.1	80	65	NNE 5	E 4	10	6	------
27	60.52	59.65	25.5	31	81	65	NE 5	NE 5	5	2	------
28	60.21	58.75	24.8	31.4	89	63	NE 3	NNE 4	1	1	18.8
29	59.20	57.82	25.5	30.8	90	69	NE 2	NNE 4	9	3	------
30	58.98	57.28	25.7	82.2	84	63	NE 3	NNE 4	9	9	1
31	58.12	57.02	24.6	31	88	65	NE 2	N 4	5	4	------
Mean	59.32	58.36	25	30.1	85.7	66.7	3.2	3.8	6.5	4.6	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	69.4

APRIL.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	57.19	56.30	24.1	30.1	94	60	NNE 2	N 4	9	4	------
2	57.44	57.34	24.5	30.7	94	62	NE 2	NE 3	9	9	------
3	59.66	58.64	22.5	30.7	97	59	NE 1	N 3	3	1	------
4	60.24	58.94	23.7	31.1	97	61	NNE 1	ESE 3	6	7	------
5	60.34	59.67	23	31.1	97	65	ENE 1	NNE 4	6	3	0.5
6	60.76	60.24	25.8	30.8	82	65	NNE 4	NNE 4	9	9	------
7	61.47	60.85	25.5	30.7	82	63	NE 4	NNE 3	1	1	.3
8	61.73	59.84	26	29.5	76	67	NE 5	NE 4	9	9	5.3
9	60.23	59.63	25.2	27.7	93	79	NNE 3	E 5	9	10	7.1
10	60.05	59.29	25.5	30.2	88	66	NE 4	NE 4	3	9	5.8
11	59.98	58.69	25.5	30.6	84	72	NE 3	NE 4	4	5	1
12	59.85	58.94	25.4	30.3	88	71	NE 3	NE 3	8	1	1.3
13	59.85	58.91	26.5	31	82	67	ENE 5	ENE 4	3	2	------
14	59.60	58.65	26	32.2	88	60	NNE 3	NE 2	8	1	1.3
15	58.70	57.40	26	31.3	84	59	NE 3	E 3	8	3	------
16	58.38	56.98	24	29.3	89	68	N 2	N 3	9	8	------
17	56.31	55.33	26.6	26.3	87	82	NNW 3	N 6	8	10	14.5
18	55.42	54.61	26.5	31	85	64	W 3	NNW 3	6	9	------
19	55.74	55.21	24.5	31.8	93	65	SE 2	N 2	2	1	1.8
20	56.28	55.11	23.5	31.1	97	62	Calm	N 1	1	1	------
21	56.07	55.20	24.5	31.5	95	62	N 1	N 2	4	3	------
22	56.53	55.60	24.3	32.4	96	62	S 1	N 3	6	3	------
23	56.15	54.99	25.1	31	96	59	N 1	NNW 3	6	1	------
24	56.31	55.17	23.5	30.4	96	68	E 1	NE 2	1	6	------
25	56.99	56.20	26.1	32.3	90	59	E 1	NE 3	3	0	------
26	58.02	57.08	25	31.8	92	65	NE 1	E 3	3	1	------
27	57.66	57.19	27	32.6	84	60	NE 2	NE 3	6	1	------
28	58.08	56.73	25.2	32	92	63	E 1	NE 3	7	1	62.2
29	58.08	57.03	24.5	29.3	96	75	E 1	NE 1	10	9	15.2
30	57.94	57.35	25.5	31	91	69	NE 2	NE 3	1	1	.8
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	58.37	57.44	25	30.7	90.2	65.3	2.2	3.1	5.6	4.3	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	117.1

[a] The barometric readings of this station seem to be too low by about 0.50 mm.

ROMBLON.

[ϕ=12° 35′ N; λ=122° 16′ E; barometer above sea, 7 meters; gravity correction not applied, —1.78 mm.]

MAY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	58.29	56.92	24.4	31.1	94	64	E 1	N 3	7	7	5.1
2	57.48	56.27	25.3	30	90	71	N 2	NNW 3	7	10	.5
3	56.81	55.48	26.8	25.5	84	88	NNW 4	NNW 4	10	10	26.2
4	56.43	56.14	26	27.1	89	89	NE 4	NNE 2	9	10	9.6
5	56.88	56.45	25.5	26.1	90	89	NNE 4	NNE 4	10	10	40.6
6	57.05	55.99	24.5	29	98	78	NNE 1	N 3	8	6	8.6
7	56.40	56.17	26	29.1	92	80	NNE 3	SE 2	9	9	3.8
8	58.27	57.76	26	25.4	92	92	NE 4	ENE 1	8	10	9.6
9	58.24	57.99	26.8	30.8	86	71	NE 4	ENE 3	9	6	66.8
10	58.40	57.29	26	29.5	91	72	ENE 3	E 2	10	6	.8
11	58.27	56.72	25.3	30.4	98	78	SW 1	N 2	10	2	7.1
12	58.39	56.90	24.2	31	97	68	SSW 2	SSW 3	10	7	------
13	57.88	56.57	24.4	30.6	97	70	E 1	3	9	9	.5
14	57.17	55.60	24.3	30.2	97	75	S 1	E 2	9	8	3.8
15	56.23	55.54	24.6	30.7	97	70	SE 2	E 1	9	7	------
16	57.84	57.85	27.1	30.2	83	74	NE 3	ENE 3	10	10	4.1
17	58.93	58.24	26.3	31.6	88	66	NE 3	ENE 3	5	3	------
18	58.39	57.29	26.7	32.1	84	64	E 3	NE 3	3	2	------
19	57.63	56.57	25	31.7	94	63	E 2	SE 2	3	1	------
20	57.90	56.89	24.4	30.1	97	77	SE 1	SE 1	1	7	.5
21	57.33	56.70	26.3	31	94	70	E 1	E 2	7	5	------
22	57.04	56.36	26.3	30.1	86	74	ENE 2	NNE 3	8	10	------
23	57.29	56.60	26.5	31.8	83	68	ENE 4	NE 3	4	1	------
24	57.37	56.68	26.5	32.3	89	65	NE 2	NNE 3	2	2	------
25	57.20	56.35	27.4	31.4	85	68	NE 4	NNE 4	3	1	1
26	56.37	55.41	27.4	30.2	85	81	N 4	NE 4	9	8	6.8
27	56.16	54.85	26.7	32	86	70	ESE 2	ESE 2	9	5	4.1
28	55.73	55.26	25.9	31.2	93	74	S 1	ESE 3	10	8	17.5
29	55.89	54.97	24.2	30.2	98	76	Calm	SE 2	5	5	------
30	57.25	56.13	24.6	31.5	97	67	S 1	N 1	5	7	.5
31	57.08	56.47	25.1	30.8	97	73	NE 1	S 2	6	6	------
Mean	57.31	56.46	25.7	30.2	91.3	73.7	2.3	2.5	7.2	6.4	------
Total	------	------	------	------	------	------	------	------	------	------	217.5

JUNE.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	57.03	56.43	25	32.5	96	70	NE 1	NE 3	6	2	14.7
2	56.35	55.55	25	32.5	97	59	NNE 1	NE 3	9	1	17.3
3	56.48	55.79	23.8	32.5	97	60	NNE 1	NE 3	2	8	------
4	56.34	55.80	24.8	32.9	98	67	Calm	N 3	6	8	9.9
5	56.54	55.39	24.9	31.9	97	67	Calm	NE 3	4	4	------
6	56.12	54.89	25.9	32.2	94	64	NNE 1	NE 3	6	9	6.6
7	56.36	54.67	24.5	30.8	83	66	S 1	N 3	10	7	2.3
8	55.35	54.40	23.7	27.8	98	90	Calm	NE 1	10	10	77
9	55.18	54.42	23.1	27.7	99	89	Calm	SSW 1	10	10	15.5
10	55.98	54.55	24.6	30.7	95	67	SSW 3	ENE 2	10	9	41.1
11	55.29	53.74	23.8	29.6	97	75	Calm	SSW 2	8	7	24.8
12	54.17	52.56	25.7	27.5	86	86	S 2	SSE 2	10	10	32.3
13	53.62	53.81	24.2	25.6	94	90	SSW 3	S 3	10	10	27.7
14	54.40	54.41	26	29.5	86	78	S 4	SW 3	8	10	32.5
15	54.89	54.41	26.6	30	87	75	SSW 6	S 4	10	9	------
16	54.73	53.75	27.5	30.6	84	72	SSW 5	S 6	7	3	------
17	55.13	54.11	26.6	30.5	88	74	SW 3	SW 3	7	6	.3
18	56.48	55.19	26.6	31.3	80	73	NNE 1	N 3	10	7	30.2
19	57.22	55.97	24.9	29	97	79	SSW 3	N 3	10	10	40.9
20	56.79	55.72	26.1	29.5	80	75	S 3	SSW 2	10	10	.5
21	56.74	55.22	23.8	30.7	95	72	SSE 1	S 5	9	9	44.2
22	57.05	56.80	24.5	28.9	92	76	SSW 3	S 4	10	10	2.3
23	57.92	57.25	24.8	31.1	95	66	SSE 1	SSE 1	10	9	------
24	58.56	57.96	23.6	32.1	99	66	Calm	NE 3	10	3	3
25	59.31	58.52	23.5	31.3	98	68	NNW 1	NNW 3	8	5	------
26	59.08	57.54	24.1	31.5	97	69	Calm	Calm	4	5	2.5
27	58.48	57.15	24	31.2	97	68	Calm	SSW 2	6	6	------
28	58.32	57.20	25.6	31	88	72	S 3	S 3	3	10	4.8
29	58.94	58.36	24.1	23.6	98	79	SSE 1	NNW 3	9	10	17.5
30	58.63	57.31	23.5	29.4	97	74	S 3	Calm	6	10	.3
Mean	56.58	55.63	24.8	30.3	93	72.9	1.7	2.7	7.7	7.6	------
Total	------	------	------	------	------	------	------	------	------	------	448.2

JULY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	57.59	56.81	22.6	31.7	99	68	Calm	N 2	1	7	0.5
2	57.89	56.98	24.5	27.5	96	84	SSW 2	NNE 1	10	10	2.8
3	57	56.62	24.6	31.8	97	67	NE 2	NE 3	7	7	12.5
4	56.90	56.66	24	30.5	97	70	SE 1	SW 3	9	9	6.1
5	58.41	57.41	25	32.1	92	68	SSW 4	S 3	10	7	.3
6	58.60	58.50	24.5	29.2	97	73	Calm	SSW 2	8	10	1.6
7	58.74	58.09	23.8	32.6	97	66	SSW 2	N 3	6	1	------
8	58.08	56.71	23.7	32.5	98	70	SE 1	NNE 3	4	5	------
9	57.99	57.27	25.5	30.6	95	74	SSE 2	S 2	6	6	20.3
10	58.20	57.41	24.9	32.1	98	69	Calm	NNE 3	5	4	3
11	58.29	57.33	24.9	32.8	98	71	SE 1	NE 2	9	6	2.3
12	57.92	57.19	25.5	31.6	96	69	NNE 2	N 3	9	6	1.5
13	58.08	57.46	25.1	31.3	97	73	SE 2	NNE 2	6	9	6.9
14	57.60	57.84	26.57	27.5	867	89	NE 2	Calm	10	10	17.1
15	57.98	57.31	23.6	31.5	99	75	Calm	NE 3	6	7	22
16	56.98	56	26.5	31	92	75	NNE 1	NNE 3	10	7	32.5
17	56.58	55.87	25.1	31.4	99	73	ENE 2	NE 3	10	8	19.4
18	56.79	56.46	24	29.6	99	82	Calm	Calm	10	10	3.1
19	57.15	56.23	24.5	27.7	97	83	Calm	N 2	10	10	1.7
20	57	55.40	23.7	31.5	98	66	Calm	NNW 3	7	3	.1
21	57.18	55.81	24.1	31.4	96	67	Calm	N 2	7	6	------
22	55.76	55.15	23.5	31.9	98	68	Calm	S 3	2	7	------
23	55.10	54.03	26	31.4	90	68	SSE 1	SSW 3	4	2	------
24	55.45	54.75	26.2	32.4	82	68	S 3	S 4	5	7	------
25	56.63	55.75	27.2	31.1	87	73	S 4	S 5	9	5	------
26	56.20	55.19	26.7	30.3	88	70	S 4	S 5	5	9	10.2
27	56.05	55.05	25.4	31.6	88	69	SSE 2	SSW 5	7	7	------
28	55.54	55.32	27.2	31.3	85	73	S 5	S 4	6	4	8.1
29	55.66	54.96	25.5	31.2	92	71	SSW 2	SSW 4	6	2	------
30	56.03	55.56	25.2	29.5	96	79	SSW 1	SSE 1	2	10	------
31	56.30	55.27	25	28.3	97	88	Calm	Calm	7	9	19.3
Mean	57.08	56.35	25	30.9	94.2	72.9	1.5	2.6	6.9	6.8	------
Total	------	------	------	------	------	------	------	------	------	------	191.3

AUGUST.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	57.37	56.52	24	30	98	81	SSE 1	SSW 1	6	9	8.9
2	57.39	56.33	25.4	32.5	96	66	S 1	S 3	7	4	------
3	57.77	56.89	27	31.6	83	69	S 3	S 4	3	2	------
4	58.41	57.45	26	32.7	87	72	SSW 2	S 4	3	4	------
5	58.15	57.46	26.2	29.2	85	71	S 4	S 5	8	9	------
6	57.77	56.61	26.9	31.4	81	64	S 2	S 4	6	9	------
7	58.07	57.14	26.5	31.4	86	70	SSW 3	SSE 4	5	7	------
8	58.08	56.70	27.5	31.2	84	69	S 3	SSW 5	6	5	------
9	56.87	55.24	27	32.3	82	64	S 4	SSW 5	8	7	------
10	55.09	54.51	28.1	30.5	77	72	S 5	S 6	9	10	1.3
11	54.27	53.06	27.1	28	87	86	SW 4	S 6	7	9	7.9
12	54.13	53.65	27.1	28.1	81	85	SSW 5	S 6	8	10	1.3
13	54.37	54.50	28	30	82	73	S 5	S 4	10	9	8.7
14	56.56	56.70	26.1	31.7	87	69	SW 2	S 4	7	2	------
15	58.31	57.80	26.1	31.4	85	70	SSE 2	SSW 3	8	4	------
16	58.41	57.17	25.7	30.3	92	68	S 1	SSW 3	3	3	------
17	57.76	56.80	26.5	31.2	82	61	S 3	S 5	5	8	------
18	57.55	56.22	26	29.3	90	75	S 5	S 5	6	7	2.3
19	57.30	56.67	26.6	30.4	87	74	SSW 3	SSW 3	7	5	------
20	57.49	56.11	26.2	31.9	85	65	SSW 2	SSW 3	5	1	.3
21	57.72	57.69	23	32.7	97	58	Calm	S 3	4	2	.3
22	58.79	57.55	23.4	29.5	97	75	Calm	WNW 1	1	8	------
23	58.35	56.87	24	28.8	97	81	Calm	SW 1	4	9	11.4
24	57.11	56.17	23.3	31	98	72	Calm	S 3	2	8	------
25	57.25	56.68	24.5	30.4	97	75	Calm	NE 1	7	9	------
26	58.31	57.75	26	33.1	84	63	NE 1	E 1	10	9	3.9
27	57.42	56.69	24.7	32	98	69	NE 1	N 3	9	6	3
28	57.15	56.21	24.2	29	98	82	Calm	N 1	10	10	92.7
29	57.10	56.77	24.2	28.1	90	77	Calm	SSW 2	10	10	7.2
30	57.18	57.06	23	31.5	98	65	Calm	SSE 3	7	4	------
31	58.61	57.86	24	32	98	69	Calm	ENE 2	1	7	------
Mean	57.29	56.48	25.6	30.7	89	71.3	2	3.4	6.2	6.6	------
Total	------	------	------	------	------	------	------	------	------	------	144.2

ROMBLON.

[ϕ=12° 35′ N; λ=122° 16′ E; barometer above sea, 7 meters; gravity correction not applied, —1.78 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	58.72	57.63	25.2	30.8	94	69	E 2	ENE 3	10	9	30.7
2	57.35	55.77	24.5	29.6	98	78	Calm	NW 1	10	10	5.8
3	55.92	54.38	25.5	29.5	86	71	SSE 4	SSE 3	10	10	6.4
4	54.99	54.15	24.3	30.1	91	75	S 3	SSW 5	10	10	1.5
5	55.93	55.55	25.6	32.5	84	65	SW 3	S 3	3	2	------
6	57.09	56.28	24.2	31.1	98	72	S 1	ESE 2	10	7	------
7	57.11	55.47	25.2	32	98	65	SE 1	NE 2	3	2	28.7
8	57.99	56.55	24.1	29.3	99	79	Calm	SSW 1	8	9	.3
9	56.99	55.70	23.6	31.9	99	67	Calm	N 3	3	1	6.9
10	56.80	55.77	24.3	29.1	97	89	Calm	Calm	10	10	41.9
11	57.70	56.42	24.3	29.7	98	77	S 1	SSW 1	10	9	17.7
12	58.90	57.99	23.7	27.6	99	80	Calm	SSE 2	10	10	.4
13	57.40	56.25	23.7	31.4	99	71	SSW 1	N 3	10	7	39.4
14	55.42	54.73	24.5	28.1	96	81	NNW 1	NNW 2	10	9	72.1
15	55.72	55.33	23.7	28.1	99	81	SSW 1	S 2	10	10	3.4
16	56.80	56.08	23.5	29.6	99	78	S 1	SSW 2	8	10	------
17	57.01	55.15	23.7	31	99	72	S 1	NE 2	7	9	------
18	55.50	54.75	23.7	32.4	99	66	Calm	SSE 2	9	2	------
19	55.69	54.60	24.4	32.1	89	63	SSW 3	S 2	5	1	------
20	56.30	55.36	26	32	88	63	SSW 3	SSW 3	5	4	------
21	55.48	54.04	25.1	32	98	67	Calm	SE 2	8	9	------
22	54.10	53	25.1	28.5	98	85	S 1	S 2	10	10	16.6
23	53.60	52.20	26?	28.3	87?	77	S 3	S 4	9	10	23.3
24	52.28	51.73	25.5	27.9	92	87	SSW 4	S 4	10	10	40.5
25	52.71	52.23	27.1?	29.5	81?	75	SSW 5	S 6	10	10	42.4
26	54.57	54.55	26?	26.1	85?	92	SW 4	S 3	10	10	10.7
27	57.42	55.63	23.7	29.2	94	72	SSE 3	SSW 3	10	10	.3
28	55.75	54.97	25	32.3	92	62	S 2	N 2	10	7	10.9
29	55.71	54.73	24.1	27.8	99	82	SE 1	S 3	10	5	2.5
30	56.15	56.06	24	31.2	97	71	Calm	S 2	5	4	------
31	------	------	------	------	------	------	------	------	------	------	------
Mean	56.10	55.10	24.7	30	94.4	74.4	1.6	2.5	8.4	7.5	------
Total	------	------	------	------	------	------	------	------	------	------	402.4

OCTOBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	57.69	56.35	23.7	32.1	99	69	SSW 1	NE 1	1	7	0.8
2	58.09	56.60	24.6	31	99	69	S 2	NNW 3	10	10	4.3
3	57.51	57.07	24	27.5	99	86	Calm	NW 2	7	10	8.1
4	57.94	57.15	24.2	28.9	99	80	Calm	E 1	10	10	4.8
5	57.94	56.87	25	30.5	90	69	SSW 2	SSW 3	8	7	.5
6	57.34	55.93	24.6	29	91	74	SSW 1	SSW 3	7	8	2.3
7	56.53	55.86	22.9	30.6	99	65	Calm	NNW 2	5	7	10.9
8	56.86	56.18	25.5	28.5	93	78	NW 2	NNW 3	10	10	3.8
9	57.35	56.77	24.5	30	97	72	SSW 1	NNW 2	10	10	.3
10	58.62	57.47	24	29.7	100	77	S 1	S 1	5	9	1.5
11	57.91	56.42	26.3	31.3	94	73	NE 2	NE 3	7	5	------
12	57.12	55.87	26.6	31.2	89	73	ENE 3	ENE 2	5	3	.3
13	57.23	56.02	25.2	30.5	98	73	Calm	NNW 3	7	7	26.7
14	56.94	55.92	25.6	30.7	93	72	N 3	N 3	9	8	5.8
15	56.28	54.82	26	30.7	90	72	NE 3	N 3	8	4	13.5
16	56.22	54.32	24.2	30	98	78	Calm	NW 1	10	6	38.1
17	56.49	54.97	24.1	29.9	99	78	Calm	NNW 1	10	9	------
18	57.17	55.78	24.4	28.1	99	91	Calm	Calm	5	9	2.8
19	56.43	54.75	26.6	31.6	88	78	NE 3	NE 2	5	6	4.8
20	56.22	55.37	27	31.1	85	78	E 2	NE 3	6	7	1.8
21	57.06	56.93	26	29	96	80	ENE 2	ENE 2	9	10	57.2
22	57.02	55.64	24.7	28.1	98	82	ENE 3	ENE 3	10	10	1.1
23	57.21	55.62	25.2	30.4	95	76	NE 1	NE 3	5	9	1.5
24	57.66	55.98	26	29.7	91	77	NE 1	NE 3	10	10	21.3
25	58.17	57.42	24.2	28.8	97	82	SE 3	ENE 3	4	8	62.3
26	59.64	58.23	24.1	28.4	96	77	ENE 2	ENE 3	10	9	36.1
27	58.61	56.97	24.1	31.3	98	68	ENE 2	NE 4	10	6	6.6
28	57.10	55.87	26.5	31.9	86	71	NE 3	NE 2	5	4	------
29	57.46	56.88	24.6	31.5	96	66	Calm	N 3	5	4	.5
30	57.95	56.64	26.1	29.6	88	74	N 2	NNW 3	9	6	8.9
31	56.81	55.04	24.1	28.7	99	80	N 1	N 1	8	10	2.3
Mean	57.37	56.18	25	30	94.8	75.4	1.5	2.3	7.4	7.7	------
Total	------	------	------	------	------	------	------	------	------	------	328.9

NOVEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	55.44	54.42	25.5	31.1	92	71	NE 2	NE 3	6	5	7.9
2	55.76	54.66	25.1	30.1	96	77	ENE 1	ENE 3	9	9	1.6
3	57.42	56.06	25.2	30.2	94	74	ENE 2	N 3	7	7	30
4	57.39	55.40	25.3	30.7	95	74	NNE 2	NNE 3	9	5	.5
5	56.49	54.76	25.5	30.5	88	64	NNW 3	NNW 3	6	2	------
6	56.17	54.93	23.2	30.2	98	72	Calm	NNW 3	4	2	4.8
7	56.38	55.15	25	31.3	80	64	SE 1	NNW 2	4	5	.3
8	55.90	55.87	24.7	31.2	98	71	Calm	SSW 2	5	5	------
9	57.40	56.41	23.7	30.4	98	76	Calm	NW 3	9	8	------
10	58.06	56.48	25	28.5	97	78	Calm	N 4	9	9	3.3
11	57.46	56.68	25.5	29.5	80	71	N 4	N 4	7	8	.3
12	58.11	57.08	26	31.4	82	66	NNE 4	NNE 4	5	4	------
13	58.58	57.37	25.8	29.9	85	71	N 4	N 4	4	8	1.1
14	58.35	56.40	25	29.9	88	69	N 3	NNE 4	10	8	.3
15	56.11	54.74	26	28.5	88	81	N 3	NNW 4	9	9	5.3
16	55.43	53.63	24.9	30	95	70	Calm	NNW 2	10	9	------
17	55.63	54.35	25.8	30.6	89	74	S 1	S 3	10	9	.3
18	57.04	56	25.5	29.8	93	78	SSW 2	Calm	7	8	10.7
19	57.50	56.23	24.2	27.3	98	84	Calm	Calm	9	9	4.8
20	57.30	55.68	24.3	31.5	98	72	Calm	Calm	7	7	6.4
21	57.30	56.60	23.6	28.4	98	87	Calm	Calm	8	8	25.1
22	57.70	56.71	25	27.8	98	83	Calm	Calm	10	10	4.1
23	57.67	56.74	23.7	28.6	98	86	Calm	Calm	8	8	3.4
24	57.39	56.21	24.3	29.9	97	74	NNE 1	NNW 3	7	6	5.1
25	56.29	55.08	25.2	31	88	64	NE 3	NNE 3	5	2	1.8
26	54.92	53.33	25	30.1	92	72	N 2	NW 4	8	7	1.5
27	54.73	53.61	26	27	87	84	NNW 6	NNW 6	8	9	1.3
28	55.09	54.09	26	28	88	82	NNW 4	NNW 5	8	10	.6
29	55.48	54.85	26	27.8	82	76	NNW 5	NNW 6	10	8	------
30	56.92	56.59	24.5	25.8	80	78	N 4	N 3	10	8	1.2
31	------	------	------	------	------	------	------	------	------	------	------
Mean	56.71	55.54	25	29.6	91.3	74.9	1.9	2.8	7.6	7.1	------
Total	------	------	------	------	------	------	------	------	------	------	121.7

DECEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	57.02	55.30	24	26.5	79	79	N 4	N 5	4	9	1.7
2	55.50	54.99	25	28.4	90	78	N 6	N 4	10	9	3.3
3	56.46	56.36	23.5	28.9	99	77	Calm	N 2	10	9	28.5
4	57.25	56.23	25.5	29.9	94	77	N 2	N 3	9	6	6.5
5	56.95	55.32	25.4	28.9	96	78	N 3	NNE 3	10	7	1.3
6	56.14	55.45	25.5	27.6	84	87	N 4	NNW 4	8	8	12.7
7	56.37	55.38	23.2	28.9	98	83	Calm	NE 2	9	4	5.8
8	56.10	55.17	24.2	30.2	98	72	Calm	NNE 3	9	3	15.7
9	56.35	55.89	25.6	30.1	91	71	NE 3	NE 3	8	3	8.7
10	57.15	55.96	24.4	31.4	97	73	Calm	NE 3	6	2	.1
11	56.90	55.88	25	30	94	75	NNE 2	N 3	7	4	.3
12	56.53	55.47	25.8	30.3	89	74	N 4	N 4	8	8	24.4
13	57.02	55.74	25	29.4	96	75	N 2	NNE 4	9	6	6.7
14	56.30	55.33	25.7	28.4	92	80	N 3	N 4	8	10	.6
15	55.81	54.69	26	27.8	86	86	N 3	N 3	7	9	24.9
16	55.78	54.34	25.6	29.9	92	77	NE 3	N 4	9	6	.3
17	55.36	54.37	26.2	30.2	90	75	NE 2	NE 3	9	8	7.7
18	55.71	54.07	25.6	30	93	77	NE 1	NNE 3	9	7	28.7
19	55.36	54.32	25.6	29	96	81	NNE 1	NE 2	8	7	.4
20	56.24	55.39	25.7	30.6	89	71	NE 1	NE 3	6	4	5.8
21	57.47	55.49	24.5	30.5	97	74	NE 2	NNE 3	9	7	6.7
22	56.69	55.23	23.6	30.2	98	74	Calm	NE 3	9	8	------
23	56.52	55.23	25.8	28.5	88	78	NE 1	N 3	9	8	3.6
24	56.32	55.72	24.4	30.4	94	69	ENE 1	NE 2	6	4	1.3
25	57.06	55.84	24	28.5	97	78	NNE 2	NNE 3	9	5	22.9
26	56.42	55.17	25.2	28.8	90	76	NNE 3	NNE 2	10	9	4.4
27	56.09	55.18	25.3	27.6	90	81	N 3	NNE 2	10	10	13.2
28	57.10	56	24.2	25.5	97	80	N 2	N 5	10	10	15
29	56.59	55.35	24.5	25	91	95	N 6	NNE 4	10	10	36.7
30	56.36	54.95	25.1	27.6	92	81	E 2	NNE 2	9	8	1
31	56.80	55.68	23.5	30	97	75	SE 2	NNE 3	5	7	.8
Mean	56.44	55.34	24.9	29	92.7	77.6	2.2	3.1	8.4	6.9	------
Total	------	------	------	------	------	------	------	------	------	------	289.7

BATAG.[a]

[ϕ=12° 40′ N; λ=125° 04′ E; barometer above sea, 66.66 meters; gravity correction not applied, —1.77 mm.]

JANUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*					*0-10.*	*0-10.*	*mm.*
1	54.35	51.26	23.8	24.5	99	96	NE	3	NE	4	10	10	101.3
2	53.28	52.44	23.5	28.5	89	75	ENE	2	E	3	9	4	------
3	55.04	54.89	24.5	28.5	84	81	E	2	E	3	7	3	------
4	58.39	56.91	24.9	29	94	79	E	1	E	3	3	3	7.4
5	59.20	57.88	26.2	28	81	79	E	3	E	2	4	3	2
6	57.95	57.72	25	25.7	90	89	E	2	E	1	7	7	15.3
7	58.49	58.24	25.6	28.5	84	71	E	3	E	3	5	3	1.5
8	59.18	57.66	25.8	28	84	80	E	3	E	3	7	4	9.9
9	60.14	58.41	25.5	28.5	83	78	E	4	E	3	4	4	1.3
10	60.48	58.78	25.6	28.5	82	80	E	3	E	3	4	3	27.2
11	60.44	58.60	23.5	27.9	99	81	E	4	E	3	9	8	6.1
12	58.52	57.77	25	27	88	87	E	2	E	2	9	7	3.5
13	58.06	56.32	25.5?	27	81?	77	E	4	ENE	4	9	8	9.7
14	55.25	53.42	24	25	98	85	ENE	4	ENE	3	9	10	67.3
15	52.02	51.91	26.5?	24	85?	99	ENE	5	E	3	10	10	138.2
16	52.85	52.83	24.5	24	97	95	NE	4	NNE	4	10	10	14.6
17	55.92	55.55	24.2	24.3	86	81	NE	3	NNE	3	10	10	5.8
18	57.90	56.86	24.3	24.5	----	78	NE	4	NE	4	9	9	4.3
19	57.81	57.41	24.5	24.9	81	76	ENE	4	ENE	4	9	10	9.1
20	58.26	57.05	22	24.9	95	78	ENE	4	ENE	3	10	9	14.5
21	56.85	55.74	24.7?	24	86?	92	ENE	3	ENE	3	10	8	34.3
22	55.79	55.56?	24	25.9	99	78	ENE	3	ENE	2	10	9	29.4
23	55.89	54.38	25.5	27.8	91	82	ENE	2	ENE	2	9	9	2.5
24	56.47	56.10	24.5	24.2	94	98	ENE	2	ENE	2	10	10	47
25	57.72	56.56	24.7	27	94	87	ENE	3	ENE	3	7	7	25.1
26	57.09	56.63	23.5	24.4	99	88	ENE	4	E	2	10	10	63
27	57.26	55.80	25.4	27.5	90	76	E	3	E	3	7	4	2.5
28	57.39	55.47	24.4	26.8	98	87	E	3	E	3	7	8	6.4
29	56.05	54.94	24.8	23.5	97	96	E	2	NE	4	10	10	81.3
30	55.98	54.93	24.7	28	92	83	E	1	E	2	9	5	2.5
31	55.12	54.51	23.5	28.8	99	72	E	1	W	2	3	3	12.7
Mean	56.94	55.89	24.6	26.4	90.6	83.4	2.9		2.9		7.9	7	------
Total	-----	-----	-----	-----	-----	-----	-------		-------		-----	-----	745.7

FEBRUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*					*0-10.*	*0-10.*	*mm.*
1	55.17	54.57	24.7	27.5	98	85	E	1	NE	1	8	9	------
2	55.92	54.77	24.8	25.4	97	97	E	2	E	1	7	8	22.1
3	56.09	55.67	23.6	28	91	77	E	1	E	2	2	3	------
4	56.63	55.41	24	28.5	98	75	E	1	E	2	3	3	------
5	56.57	55.72	24.2	28.2	98	82	W	1	W	1	3	4	------
6	57.19	56.26	25.1	29.2	91	72	Calm		W	2	8	3	------
7	56.38	55.41	23.4	28.5	98	78	E	1	E	2	5	3	------
8	55.85	55.43	21.5	28.5	92	60	Calm		W	2	2	2	------
9	57.93	56.97	20.5	28.6	95	66	Calm		E	1	3	4	------
10	58.71	58.21	23.6	28	82	69	E	2	ENE	3	3	3	------
11	58.85	58.12	25	27	82	86	ENE	3	ENE	4	4	5	------
12	58.95	58.66	25.5	27.9	76	65	ENE	4	ENE	4	9	5	------
13	59.30	58.60	25.2	28	74	63	ENE	4	ENE	4	8	6	------
14	59.70	58.66	25	29.5	82	68	ENE	2	ENE	3	9	7	------
15	58.68	58.24	24.8	28.7	77	67	ENE	2	ENE	3	5	3	------
16	58.39	57.96	25	24	92	96	ENE	1	ENE	2	8	9	32.2
17	58	57.54	25.3	27	88	84	ENE	3	ENE	3	9	8	------
18	57.15	55.64	25.3	24.8	91	97	E	2	E	3	7	9	15.3
19	55.91	54.96	25.3	25.8	93	93	E	3	E	2	9	9	55.3
20	56.08	56	24.5	26.3	99	91	E	2	E	2	10	8	58.2
21	56.57	55.63	24.8	26.4	92	84	E	2	E	3	10	9	10.9
22	56.61	56.11	25	27	92	84	E	2	E	2	5	5	3.6
23	57.04	56.09	24.3	28	96	78	E	1	E	2	5	4	------
24	57.07	55.91	23.8	28	91	76	Calm		E	3	6	5	------
25	57.41	56.47	23.4	28	95	76	Calm		E	3	6	4	------
26	56.69	55.89	24.4	27.8	87	79	E	2	E	3	9	8	------
27	56.33	55.78	24.4	28.6	75	68	ENE	3	ENE	3	4	7	2
28	56.25	55.36	23.7	25.9	97	97	ENE	4	ENE	4	9	9	27
29	55.91	54.81	25.3	27.5	99	79	ENE	1	ENE	2	4	6	7.6
30	-----	-----	-----	-----	-----	-----	-------		-------		-----	-----	------
31	-----	-----	-----	-----	-----	-----	-------		-------		-----	-----	------
Mean	57.15	56.37	24.3	27.5	90.3	79	1.7		2.5		6.2	5.8	------
Total	-----	-----	-----	-----	-----	-----	-------		-------		-----	-----	234.2

MARCH.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*					*0-10.*	*0-10.*	*mm.*
1	57.14	57.63	24.7	23	84	90	NE	4	NE	4	10	10	26.9
2	58.15	57.90	23.2	24.5	88	75	NE	4	NE	4	10	9	------
3	58.46	58.27	24.8	25.7	72?	80	NE	4	NE	4	9	8	9.7
4	58.88	59.18	25	24	87	83	NE	3	E	2	9	10	44.5
5	58.79	57.72	23.9	28.4	94	75	W	1	E	2	9	4	2.3
6	56.95	56.02	23.7	27.8	96	77	E	3	E	2	9	9	2.3
7	56.38	56.17	24.8	27.9	83	74	E	1	E	3	5	3	------
8	57.16	56.36	23.5	29.1	94	70	E	2	E	3	3	4	------
9	57.53	56.63	23.5	29.8	96	67	W	1	E	2	3	4	------
10	57.62	56.36	24.6	29.7	88	71	E	2	E	3	5	4	------
11	57.47	56.41	24.5	29.8	96	73	E	1	E	3	5	3	13.5
12	58	56.70	24.6	27.9	97	79	E	3	E	3	7	5	4.1
13	58.48	58.46	25.4	29	91	79	E	3	E	2	5	3	------
14	58.21	57.17	24.6	28	87	73	E	2	E	3	4	3	------
15	57.12	57.03	25	22.5	86	99	E	3	E	3	9	10	46
16	57.78	56.77	24.8	26.7	92	80	E	3	E	3	10	9	13.2
17	58.31	56.89	24.1	27.5	97	77	ENE	3	ENE	3	9	4	3.8
18	58.61	56.87	24.8	28	80	76	E	3	E	3	5	5	7.9
19	58.30	57.34	25.5	28	88	77	E	4	E	4	6	5	13
20	57.74	57.53	26	28	80	73	E	2	E	3	8	2	------
21	57.95	57.38	25	29.5	85	65	E	3	E	3	4	4	10.9
22	58.98	58.70	24	28	98	85	E	1	E	2	8	4	2.8
23	59.29	58.29	25.2	28	86	77	E	3	E	4	5	5	1.8
24	60.37	59.84	24	24	95	97	E	3	E	4	9	10	83.8
25	60.32	59.47	24.5	27.5	82	73	E	4	E	3	9	8	------
26	60.25	58.98	24.9	27.8	89	73	E	4	E	4	9	5	------
27	59.51	59.18	25.5	28.5	88	74	E	3	E	3	4	4	------
28	59.60	58.27	25	28.6	87	82	E	1	E	2	3	5	1.5
29	58.37	57.49	25	28.8	88	72	E	3	E	3	6	5	2.8
30	57.71	56.82	25.4	28	92	82	E	3	E	3	6	5	3.8
31	56.94	56.16	25	28	92	79	E	3	E	3	5	5	------
Mean	58.27	57.55	24.7	27.5	89	77.6	2.7		3		6.7	5.6	------
Total	-----	-----	-----	-----	-----	-----	-------		-------		-----	-----	294.6

APRIL.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*					*0-10.*	*0-10.*	*mm.*
1	57.33	56.07	24	28.5	95	74	E	2	E	3	9	5	------
2	56.59	56.36	24.5	29.6	87	71	E	2	E	3	6	4	3.8
3	58.24	57.13	25.1	29.8	94	69	E	1	E	3	4	5	------
4	58.95	57.71	25	29.8	95	75	NE	2	NE	3	6	5	------
5	59.20	58.65	24.8	29	97	76	E	2	E	3	4	4	1.3
6	59.87	58.78	24	28.9	95	81	E	3	E	4	5	5	------
7	60.78	60.21	25.6	28.2	82	74	E	3	E	4	3	3	21.6
8	60.71	59.26	22.6	27	99	72	E	1	E	3	9	8	8.1
9	59.41	58.62	25.3	25.8	89	92	E	3	E	4	7	5	5.5
10	59.31	58.70	24.4	28.5	93	83	E	2	E	3	6	3	3
11	58.60	57.99	25.6	28.7	84	73	E	4	E	3	4	3	3.8
12	58.89	57.93	25	29	93	81	E	4	E	4	6	5	5.8
13	58.91	58.55	25.8	26.6	84	84	E	4	E	3	4	9	1.3
14	58.61	57.72	25.4	29.5	90	77	E	3	E	3	6	6	------
15	57.63	56.13	25.3	29.5	85	75	E	3	E	3	5	6	2.5
16	56.68	55.49	25.8	28.4	81	82	ENE	3	ENE	4	8	9	13
17	52.82	45.59	25	23.7	95	98	NE	4	N	7	10	10	124.9
18	51.70	51.76	----	28.5	----	73	WNW	4	W	3	10	8	------
19	54.60	54.34	24.5	28.6	91	80	S	3	S	2	5	3	------
20	55.18	54.36	24.7	29.5	92	72	W	1	W	3	7	2	------
21	54.96	54.20	25	29.8	88	60	WNW	3	WNW	3	3	3	------
22	55.57	54.04	24.4	29	90	64	W	2	WNW	3	6	5	------
23	55.45	54.39	24	31.2	97	61	N	2	N	2	4	3	------
24	55.64	54.58	25.4	29.6	92	75	NE	1	ENE	2	2	3	------
25	56.13	55.05	26.2	30.2	85	64	E	1	E	2	3	5	------
26	56.66	56.46	25.5	27.7	96	87	E	1	E	2	5	8	------
27	56.50	55.68	26.2	29	90	75	E	2	E	3	4	5	6.1
28	57.12	56.01	23.8	28.8	97	79	W	1	E	3	6	6	1.8
29	56.97	56.18	24.3	29.5	97	75	W	1	E	3	7	4	------
30	56.88	55.96	26.1	29.6	76	74	E	2	E	3	3	5	3.8
31	-----	-----	-----	-----	-----	-----	-------		-------		-----	-----	------
Mean	57.20	56.13	24.9	28.7	90.7	75.9	2.3		3.1		5.6	5.2	------
Total	-----	-----	-----	-----	-----	-----	-------		-------		-----	-----	206.3

[a] The barometric readings of this station seem to be too low by about 1.5 mm.

BATAG.

[$\phi = 12°\ 40'$ N; $\lambda = 125°\ 04'$ E; barometer above sea, 66.66 meters; gravity correction not applied, —1.77 mm.]

MAY.[a]

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	56.90	56.14	25	25.8	95	92	E 2	NE 3	7	6	2.8
2	55.65	54.36	26.3	25.3	82	91	ENE 3	ENE 4	8	9	7.9
3	53.40	53.91	25.5	28.1	99	82	ENE 4	ENE 4	8	8	10.7
4	55.01	55.18	25.6	26.8	95	86	ENE 3	ENE 2	9	9	5
5	55.38	55.75	25.4	25.2	93	93	ENE 3	ENE 2	9	9	36.1
6	55.89	55.07	26.5	28.8	92	79	E 2	E 3	8	3	------
7	55.79	55.38	26.3	29	90	78	E 3	E 3	6	3	25.9
8	57.61	56.39	23.8	29	98	78	E 2	E 3	10	4	10.7
9	57.82	57.45	24.3	28.5	93	77	E 1	E 3	5	3	9.4
10	57.78	56.25	25.7	28.3	93	85	E 2	E 3	4	3	2
11	57.57	55.86	24.2	29.3	97	76	E 1	E 2	4	3	------
12	57.24	56.15	25	30	90	67	Calm	WNW 2	3	5	------
13	56.61	55.50	24.5	29.5	94	70	W 1	E 2	6	3	------
14	56.30	54.72	24.3	28.5	89	81	W 1	E 1	5	8	12.2
15	56.10	55.16	25.4	27.9	88	84	E 2	E 3	9	8	------
16	56.81	55.97	26.3	29.7	86	77	E 2	E 3	8	4	------
17	58.15	57.36	25.5	30	88	75	E 1	E 3	4	4	1.3
18	57.89	56.13	26	27.5	87	87	E 1	E 3	8	8	13
19	56.47	55.43	24.5	29.5	96	68	E 1	E 3	3	4	------
20	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
21	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
22	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
23	56.72	56.19	26.1	25.7	83	93	E 1	E 3	3	8	1.8
24	56.05	55.68	26	29	92	82	E 1	E 2	7	9	2
25	55.89	55.23	26.4	29	93	78	E 3	E 3	5	5	18.3
26	54.66	54.36	26.6	29	94	79	E 4	E 4	8	5	8.1
27	56.18	54.48	24	28.8	91	79	E 3	E 2	8	3	------
28	55.05	54.53	25.2	29.5	98	78	W 1	E 2	5	3	2.5
29	55.65	54.53	25.1	29.6	99	75	E 1	E 1	8	3	------
30	56.39	55.51	24.4	29.5	97	79	E 1	E 2	3	3	------
31	56.45	55.61	24.5	29.4	92	75	W 1	E 2	3	4	------
Mean	56.34	55.51	25.3	28.4	92.3	80.1	1.8	2.6	6.2	5.2	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	169.7

JUNE.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	56.35	55.77	24.4	29.9	88	71	W 1	E 1	3	3	------
2	55.59	54.51	24	31	95	72	W 1	E 2	3	3	15.7
3	55.65	54.69	24.4	30.5	98	74	W 1	E 2	4	4	------
4	55.55	54.79	25.9	30.5	96	71	E 1	E 2	5	4	5.6
5	55.70	54.77	25	28.4	96	86	W 1	E 1	9	8	15
6	54.92	54.09	24.3	26	97	82	W 1	S 2	10	8	53.3
7	54.98	54.10	23.5	29.9	96	76	W 1	E 2	4	3	------
8	54.55	53.65	25.5	29.8	96	77	E 1	E 3	4	3	------
9	54.90	53.90	24.6	29.2	95	78	E 1	E 3	4	5	20.8
10	54.92	54.12	24.8	28	88	85	W 2	E 2	5	9	------
11	54.91	53.30	24.4	29.8	99	76	W 1	E 2	4	9	9.9
12	53.80	52.20	23.5	30	98	78	W 2	S 2	9	8	32.8
13	53.28	52.43	24.2	28.3	93	82	W 2	W 2	10	10	2
14	53.74	53.79	24.5	27.5	99	84	SW 2	SW 3	10	9	------
15	54.40	53.40	25.4	31.5	92	68	SW 2	SW 2	9	8	------
16	53.94	53.15	25	30.8	98	78	SW 1	E 2	8	5	------
17	54.56	53.64	25	30	95	71	SW 2	SW 2	9	8	------
18	55.64	54.75	24.8	29.7	97	77	SSE 3	E 2	10	5	10.2
19	56.08	55.03	24.5	29.2	99	80	W 1	E 2	6	5	10.7
20	56.33	55.58	24.5	27.5	97	87	E 2	SW 1	8	9	1.3
21	55.80	55.10	24.8	29	98	78	W 1	W 2	8	8	------
22	56.52	55.57	24	29.4	96	67	E 1	E 2	9	5	------
23	57.56	56.93	24.5	30.8	96	67	W 1	E 2	8	5	1.3
24	57.53	57.07	24.3	29.5	99	68	E 1	E 3	8	4	------
25	58.63	57.25	24.5	30	99	71	W 1	E 2	3	4	------
26	58.01	56.77	24.4	29.9	98	76	W 1	E 3	3	3	------
27	57.43	56.21	24	30	99	71	W 2	E 3	3	5	------
28	57.36	56.52	24.4	29.4	97	74	W 1	E 2	5	8	7.1
29	57.58	56.73	24.2	29	98	78	W 2	SW 2	8	6	6.1
30	58	56.43	23.1	29.8	99	73	W 1	E 2	4	5	------
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	55.81	54.87	24.5	29.5	96.4	75.9	1.4	2.1	6.4	6	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	191.8

JULY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	56.52	55.55	24	28	98	77	W 1	E 3	4	6	3.8
2	56.62	55.94	24	26	95	84	E 1	E 2	10	10	5
3	56.26	55.53	25.8	26.7	82	94	E 2	E 3	8	10	10.7
4	56.71	56.59	24.4	27.3	92	87	E 1	E 2	8	8	------
5	57.90	56.64	23.5	26	97	90	W 1	E 1	7	8	------
6	57.71	57.23	25.7	28.8	81	84	E 1	E 3	5	4	------
7	57.53	57.10	24.5	30.2	94	75	W 1	E 3	5	5	------
8	57.35	56.44	25	30.4	92	69	W 1	E 2	3	3	------
9	57.04	56.64	24.6	30.5	97	70	E 1	E 3	4	3	------
10	57.37	56.82	25.3	29	93	78	W 1	E 3	4	4	13.9
11	57.25	57.60	24.2	29	98	76	W 1	E 3	4	4	2
12	57.19	56.78	26	28.9	90	71	E 2	E 3	6	6	2
13	57.49	56.80	25.5	30.2	94	77	W 2	E 3	8	5	14
14	56.60	56.86	24.8	29.3	89	77	E 3	E 3	8	7	------
15	57.19	56.32	25.3	28.5	89	85	E 1	E 2	4	5	14
16	55.91	55.29	24	26	98	92	E 1	E 2	9	9	25.4
17	55.56	55.21	24.8	28	89	85	E 2	E 2	9	9	14
18	56.02	55.22	24	28.5	96	81	E 1	E 2	9	9	1
19	56.48	55.29	24	28.2	98	80	W 1	E 2	10	8	------
20	55.92	54.81	24.3	30.5	97	75	W 1	E 3	4	5	------
21	55.93	54.86	23.5	30.8	97	67	W 1	E 2	4	4	------
22	54.87	54.94	24.2	25.1	98	89	W 1	W 2	3	9	------
23	54.78	53.59	24.2	29	98	79	W 1	W 2	3	7	------
24	54.39	53.76	24.8	29.6	93	67	W 2	SW 3	4	6	------
25	55.48	54.75	25	31.6	97	67	W 2	SW 2	6	6	------
26	55.44	54.07	24.8	31.3	97	70	W 2	W 2	5	3	2.5
27	55.07	54.20	24.5	31.2	97	69	W 2	SW 2	3	3	------
28	55.06	54.08	24.8	31.5	97	69	SW 1	SW 2	3	5	------
29	55.36	54.62	24	30.9	98	70	SW 1	SW 2	3	4	------
30	55.40	54.71	25	31.3	96	67	SW 1	SW 2	3	3	------
31	56.05	54.26	24.9	31.5	96	69	E 1	E 3	3	3	------
Mean	56.27	55.56	24.6	29.1	94.3	77.1	1.3	2.4	5.5	5.8	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	108.3

AUGUST.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	56.25	56	25.3	30	89	78	W 1	E 2	3	4	5.1
2	56.55	55.71	24.3	30.5	97	75	W 1	W 2	3	4	------
3	56.97	56.08	25.3	31.8	93	68	W 2	SW 3	3	4	------
4	57.44	56.52	25	27.5	96	76	W 1	SW 2	3	9	6.6
5	57.74	56.03	24.7	30.3	94	68	SW 2	SW 3	5	4	------
6	56.86	55.99	24.5	30.2	92	68	SW 2	SW 3	9	5	------
7	57.15	56.02	24.3	32.2	94	63	SW 1	SW 2	4	4	------
8	57.42	56	24.5	31.9	94	61	E 1	SW 2	4	5	------
9	56.03	53.70	25	32.3	95	55	SW 2	SW 4	6	4	------
10	54.35	53.16	24.9	31.8	92	55	SW 2	SW 4	8	5	------
11	54.04	52.64	26	31.5	87	58	SW 3	SW 4	8	5	------
12	54	53.09	25.7	31.8	88	60	SW 2	SW 3	6	5	------
13	-----	-----	-----	-----	-----	-----	--------	SW 2	SW 3	4	5
14	56.34	55.88	24.5	33	94	61	SW 2	SW 2	3	3	24.1
15	58.08	57.10	23.5	30.1	99	77	SW 2	SW 2	9	6	------
16	57.69	56.48	24	30.5	95	74	SW 2	SW 3	3	5	16.5
17	56.58	55.38	24	30.7	95	70	SW 2	SW 3	8	5	------
18	56.33	55.16	24	31.8	93	58	SW 2	SW 3	6	3	------
19	56.84	56.06	25	27.6	92	82	SW 2	SW 2	9	9	------
20	57.11	56.22	24.5	29	97	75	SW 1	SW 3	5	5	58.9
21	57.69	57	23.8	30	97	74	SW 2	SW 2	4	5	10.4
22	58.53	57.04	24	30.5	97	68	SW 1	SW 3	3	7	------
23	57.71	55.98	24.4	28.8	93	78	SW 1	SW 3	4	6	------
24	56.64	55.31	24.7	29.3	94	74	E 1	SE 3	4	5	------
25	56.77	56.18	25	30.2	92	73	W 1	SE 3	3	3	18.3
26	57.83	57.13	24.8	24	93	98	E 2	SE 2	9	8	13.7
27	56.81	55.81	24.3	29.8	96	75	E 1	E 3	9	8	7.1
28	56.54	55.96	23.5	28.8	96	75	W 1	W 1	9	9	23.9
29	56.80	56.55	23.5	29.8	99	76	W 1	E 1	3	8	8.8
30	57.43	57.18	24	29.6	98	74	W 1	E 3	3	3	------
31	58.11	57.49	24.8	28.8	93	79	W 1	E 2	3	5	66
Mean	56.82	55.83	24.5	30.1	94.1	70.9	1.5	2.6	5.3	5.4	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	254.4

[a] 28 days of observation.

BATAG.

[ϕ=12° 40′ N; λ=125° 04′ E; barometer above sea, 66.66 meters; gravity correction not applied, —1.77 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P. ct.*	*P. ct.*					*0-10.*	*0-10.*	*mm.*
1	57.70	57.19	23.5	26.2	97	89	W	2	E	1	10	9	33.7
2	56.84	54.99	23.6	27	99	84	W	1	NW	2	9	9	------
3	55.22	54.18	24.3	28.5	94	80	SW	2	SW	3	10	9	------
4	55.15	54.01	24	31	94	59	SW	1	S	2	9	4	------
5	56.09	56.46	25	25.8	96	85	S	2	SW	3	4	10	49.5
6	57.54	56.49	24.8	28.5	88	80	W	1	SE	3	6	6	------
7	56.79	55.43	25.4	29.8	92	73	E	1	E	2	5	3	------
8	56.38	55.42	24.5	29.8	96	71	E	2	E	3	8	6	28.2
9	56.67	55.39	24.5	28	94	83	E	2	E	2	9	6	30.7
10	56.55	54.69	24.4	28.3	93	87	E	1	E	3	9	3	3.8
11	57.83	56	24.5	29.2	93	82	W	1	S	2	9	5	2.5
12	53.31	57.41	23.8	27.2	93	78	S	2	S	2	9	8	1.5
13	56.45	55.25	23.5	27	99	86	W	2	NE	2	8	9	44.7
14	55.13	54.29	22.8	27	99	83	E	1	E	3	8	9	------
15	55.87	56.47	24.5	26	96	95	E	1	E	2	9	9	3.8
16	56.65	55.33	25	29.0	95	77	E	1	E	3	6	6	------
17	56.01	54.52	25.8	30	84	68	W	1	N	2	4	5	------
18	54.98	53.72	24.3	31	96	72	E	1	W	2	3	3	------
19	54.77	53.64	25	30.5	97	68	W	1	W	3	3	3	------
20	55.29	53.96	25.9	30.3	91	74	SW	3	W	3	3	4	------
21	53.99	53.18	26.4	26.8	92	94	W	2	W	2	8	9	4.6
22	53.37	52.84	25	23	98	98	W	2	E	1	9	10	36.1
23	53.12	52.08	24.3	23.5	92	78	S	4	S	3	10	8	8
24	52.90	52.08	24.5	23.6	94	73	S	2	S	3	9	9	------
25	54.22	53.01	24.8	28.5	89	76	SE	1	S	2	10	3	5.1
26	54.83	53.82	24	29.8	98	67	W	1	W	3	10	7	------
27	55.83	53.99	23.8	28	97	77	S	2	S	3	8	4	------
28	55.14	53.99	24.5	28.8	96	79	S	1	S	3	7	8	------
29	54.87	54.28	24	27.9	91	82	W	1	W	2	9	8	5.6
30	56.59	55.77	24.2	29.4	93	76	W	1	E	3	3	3	------
31	------	------	------	------	------	------	------		------		------	------	------
Mean	55.72	54.66	24.5	28.3	94.1	79.1	1.5		2.4		7.5	6.7	------
Total	------	------	------	------	------	------	------		------		------	------	252.8

OCTOBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P. ct.*	*P. ct.*					*0-10.*	*0-10.*	*mm.*
1	57.18	55.67	25.3	29.8	93	78	Calm		E		3	3	------
2	56.80	55.75	24.8	31.2	97	66	W	1	E	2	4	3	------
3	56.77	56.35	24	27.8	96	82	Calm		E	1	8	9	------
4	57.46	56.28	23	29.5	91	75	W	1	W	2	3	4	------
5	57.66	56.66	24.5	29.2	94	78	W	1	W	2	3	5	------
6	56.80	55.41	25.5	29.8	88	71	E	2	E	2	4	3	------
7	56.61	54.89	25.2	29	90	78	E	2	E	3	4	4	71.1
8	55.69	54.92	24.5	25.4	96	93	NW	2	NW	2	10	10	91.2
9	56.57	56.40	23.5	27.5	99	88	SW	2	SW	2	10	9	------
10	58.40	56.96	24.8	29.6	97	79	Calm		ESE	3	4	3	------
11	57.26	56.11	25.8	29	93	81	ESE	2	ESE	3	4	4	3.3
12	56.64	55.55	24.8	29.4	87	79	ESE	1	E	2	4	4	3.8
13	55.96	55.78	24.6	26.3	99	88	W	1	E	2	9	10	30.4
14	57.41	55.46	22.5	29.2	99	79	W	1	E	3	10	6	34
15	56.01	54.66	23.6	26	98	90	E	2	E	2	10	10	36
16	55.61	54.27	23.8	28	98	83	Calm		ESE	2	10	9	43.7
17	56.53	55.24	24.5	28.2	91	73	Calm		ESE	1	10	9	6.4
18	56.98	55.83	24.4	27.5	97	90	ESE	2	ESE	1	9	9	2.5
19	56.41	53.70	25.3	29	96	83	ESE	1	E	3	8	4	6.6
20	56.14	55.46	26.7	29	86	81	ESE	4	E	4	5	8	19.6
21	56.69	55.88	26.3	25.3	89	93	E	2	E	2	7	7	35.8
22	57.23	55.97	24	26.8	98	89	E	1	E	2	10	10	------
23	56.51	54.86	25.6	28.2	95	76	E	2	E	2	7	8	27.4
24	56.90	55.75	25.5	27.8	91	82	E	1	E	3	10	4	------
25	58.55	57.15	25	28.4	92	83	E	1	E	3	3	4	20.8
26	59.75	57.69	23.5	26	96	90	Calm		E	3	10	10	11.5
27	57.66	56.33	26	28.7	92	83	E	3	E	3	9	4	6.4
28	56.44	55.26	26.2	29.3	90	73	E	3	E	3	4	3	1.3
29	56.90	55.57	25.6	29.6	87	71	E	2	E	3	5	4	23.1
30	57.08	55.44	24.3	27	94	88	W	1	E	2	9	9	23.7
31	56	54.37	23.7	28	97	85	E	1	E	2	5	4	14.2
Mean	56.92	55.67	24.7	28.2	93.7	81.5	1.4		2.4		6.8	6.2	------
Total	------	------	------	------	------	------	------		------		------	------	526.8

NOVEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P. ct.*	*P. ct.*					*0-10.*	*0-10.*	*mm.*
1	54.97	53.81	24	26.4	88	88	E	1	E	1	8	10	16.3
2	55.59	54.47	24	27.3	97	75	E	1	E	3	10	5	66.1
3	56.92	55.26	23.2	28.3	97	84	W	1	E	2	10	8	2.8
4	56.67	54.63	25.3	29.5	88	75	NE	2	NE	2	4	3	2.5
5	55.03	53.74	25	28.9	90	74	N	2	NW	3	10	4	------
6	54.01	54.03	25.9	28.8	92	72	NW	2	W	2	9	3	------
7	55.17	54.48	25	29.2	87	71	NW	2	W	3	5	3	------
8	55.77	55.35	23	30.3	95	70	SW	2	SW	2	3	3	------
9	56.10	55.33	23.5	30	92	73	SW	2	SW	2	3	5	------
10	57.37	54.82	24.8	29.5	92	76	W	1	ENE	3	3	5	20.3
11	56.16	55.69	25.8	27.3	88	79	ENE	3	ENE	3	9	9	------
12	57.45	56.62	25.8	27.7	81	75	ENE	3	ENE	3	4	4	2.5
13	57.51	56.74	25.5	28.4	88	73	ENE	3	ENE	3	10	8	11.5
14	57.51	55.19	24.5	28.2	91	83	E	3	ENE	3	9	5	2.5
15	54.92	54.03	23.8	29.5	99	68	W	1	S	2	4	5	1.3
16	54.68	52.98	24.2	30.3	93	70	W	1	SW	2	9	6	------
17	55.23	54.13	23.5	29.2	99	76	W	1	SW	1	5	6	------
18	56.99	56.14	23.9	27.4	97	87	S	1	S	1	4	3	3.8
19	56.99	56.07	23.8	26.2	97	92	W	1	S	1	8	3	------
20	56.84	55.33	24	28.9	98	84	W	1	E	2	6	3	4.1
21	57.09	55.84	24	29.5	98	75	W	1	E	2	5	4	4.1
22	56.90	55.64	24.4	26.8	97	81	NE	2	W	2	7	5	8.9
23	57.61	55.83	23.4	29	97	67	W	1	S	2	5	4	3
24	56.94	55.58	24.3	28.8	97	78	W	1	E	3	5	4	16.5
25	55.63	54.44	23.9	26.3	97	85	E	2	NE	3	4	5	1.3
26	53.38	51.98	25.3	28	93	80	N	2	NE	2	8	8	12.9
27	52.76	51.57	24.4	25.1	91	96	W	2	NW	3	9	10	127
28	53.34	51.67	23.4	25.8	98	93	NW	2	NW	2	10	10	54.9
29	52.90	52.06	24.9	25.9	91	88	N	3	N	4	10	10	8.4
30	55.35	54.98	25.2	26	85	75	N	4	N	3	10	9	2.8
31	------	------	------	------	------	------	------		------		------	------	------
Mean	55.79	54.61	24.4	28.1	93.4	78.8	1.8		2.3		6.9	6	------
Total	------	------	------	------	------	------	------		------		------	------	373.5

DECEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P. ct.*	*P. ct.*					*0-10.*	*0-10.*	*mm.*
1	54.70	52.41	24.4	24.4	88	95	N	4	N	4	10	10	41.7
2	53.74	54.16	23.5	26	97	90	W	1	W	1	5	8	------
3	56.23	55.70	24	28.2	97	85	W	1	E	3	3	4	------
4	56.80	55.63	25	29.7	95	73	E	1	NE	2	3	3	37.1
5	56.09	54.63	24.4	26.6	95	90	E	2	NE	3	10	9	6.4
6	54.99	54.63	24.8	27.8	97	82	ENE	2	ENE	3	9	4	7.7
7	55.32	54.72	25	28.1	95	81	ENE	1	ENE	2	4	3	3
8	55.52	54.77	24.4	27	95	84	ENE	2	E	2	5	6	4.1
9	55.90	54.82	24.8	28.3	92	78	E	2	E	3	5	5	6.4
10	56.19	55.44	24.5	28.4	96	83	ENE	3	ENE	2	6	4	6.4
11	55.90	54.94	25	28.7	93	82	ENE	3	ENE	2	4	5	7.6
12	55.70	54.89	25.2	24.8	93	98	ENE	2	ENE	2	9	9	23.8
13	56.09	54.94	25.6	27.5	87	85	ENE	3	ENE	3	8	4	13.2
14	55.61	54.69	25.9	29	87	71	E	3	E	3	7	3	5.6
15	54.63	53.92	25.4	27.6	87	87	E	3	E	2	8	5	19.8
16	55.54	54.25	25.5	26.4	94	90	E	3	E	3	9	6	8.1
17	55.51	53.91	24.4	25.9	97	91	E	2	E	2	9	8	9.2
18	55.54	54.08	25.4	29	92	71	E	2	E	2	9	4	6.6
19	55.78	54.45	24.5	28.3	97	78	E	1	E	3	8	3	------
20	56.15	55.14	24	28	91	77	E	1	E	2	4	4	3.8
21	56.86	55.35	25.3	29	89	71	ENE	3	ENE	2	8	4	------
22	56.40	54.71	24.9	26	86	87	ENE	2	ENE	2	5	9	------
23	56.10	55.06	23.5	28.5	90	74	ENE	1	ENE	1	7	3	6.6
24	55.66	55.22	24.5	27.6	99	81	E	2	E	3	8	7	2.3
25	56.27	55.24	24.9	26.5	91	90	E	3	NE	3	6	8	5.1
26	55.77	54.88	24.9	25.8	86	87	ENE	3	ENE	3	9	9	3.3
27	55.51	54.89	25.2	27.8	92	79	ENF	3	ENE	3	9	9	------
28	56.80	55.89	25.4	23.8	87	97	E	3	NE	4	9	10	77.2
29	56.41	54.72	23.7	26.2	97	86	ENE	4	E	4	10	7	22
30	56.26	54.57	24.8	26.5	93	86	E	3	E	4	6	6	1.3
31	57.10	55.62	24.3	27.8	91	82	E	1	E	3	8	3	1
Mean	55.85	54.78	24.7	27.3	92.5	83.6	2.3		2.6		7.1	5.9	------
Total	------	------	------	------	------	------	------		------		------	------	329.3

SUMAY, GUAM (LADRONE ISLANDS).

[$\phi = 13°\ 24'$ N; $\lambda = 144°\ 38'$ E; barometer above sea, 20.4 meters; gravity correction not applied, —1.76 mm.]

JANUARY.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.		Wind, direction and force (0–12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*					*0–10.*	*0–10.*	*mm.*
1	58.57	56.20	26	28.6	87	72	ENE	2	ENE	4	5	10	3.8
2	58.12	56.93	25.6	27.2	88	80	ENE	2	ENE	3	10	10	5
3	59.10	57.53	26	28.8	90	72	ENE	4	ENE	4	10	10	------
4	59.77	57.93	26.4	28.4	89	77	ENE	3	ENE	4	10	10	------
5	58.90	57.15	25	28.4	90	73	ENE	2	ENE	4	10	10	2.5
6	57.95	56.35	24.6	27.6	87	74	N	4	ENE	5	10	10	2.5
7	58.60	57.65	24	27	86	72	ENE	5	ENE	6	10	10	------
8	60.27	59.12	26	27.4	72?	70	ENE	6	ENE	6	10	10	------
9	60.60	59.38	25.2	27.6	85	71	ENE	4	ENE	6	10	10	------
10	59.37	57.88	25.6	27.4	84	77	ENE	5	ENE	6	10	10	2.5
11	60.22	59.15	26.4	28	84	77	ENE	5	ENE	5	10	10	6.3
12	59.07	56.98	26	28	82	71	ENE	5	E	5	10	10	------
13	60.37	58.33	25.6	28.2	84	69	ENE	4	ENE	5	10	7	5.1
14	60.55	58.55	25	27.2	82	68	ENE	4	ENE	5	10	10	5.1
15	60.20	58.45	25	27.6	82	70	ENE	3	E	4	8	7	------
16	58.07	55.65	26	28.6	82	69	E	3	E	4	10	10	------
17	57.40	55.08	24.6	29.2	92	68	ESE	1	ESE	2	7	7	------
18	57.37	56.03	23.8	29	93	74	ESE	1	ENE	2	10	10	------
19	57.30	55.73	25	29.2	87	68	ENE	2	ENE	3	4	7	------
20	57.60	56.53	25.4	28.4	84	68	ENE	2	ENE	3	10	7	------
21	57.10	55.30	25.4	28	84	70	ENE	3	ENE	5	10	8	2.5
22	57.20	56.90	25	27	90	70	ENE	4	ENE	5	10	10	------
23	58.20	56.83	25.8	27.8	78	67	ENE	5	ENE	5	10	10	------
24	59.15	57.45	25.8	28	78	70	ENE	4	E	5	10	10	------
25	59.37	57.65	25.2	28	82	70	ENE	3	E	4	10	10	------
26	59.70	58.18	25.2	28	82	68	E	3	E	4	10	10	5.1
27	58.80	57.10	25	25	83	88	ENE	2	E	3	10	10	15.3
28	58.30	56.92	25	27.4	92	74	E	2	ENE	4	10	8	------
29	58.35	57.38	25	27.8	83	66	E	2	E	4	7	8	------
30	58.27	57.65	25	29	85	67	ENE	2	E	3	8	7	------
31	59.07	57.62	24.6	28.4	87	73	ENE	2	E	3	10	8	2.6
Mean	58.80	57.28	25.3	27.9	85	71.7	3.2		4.2		9.3	9.2	------
Total	-----	-----	-----	-----	-----	-----	-------		-------		-----	-----	58.3

FEBRUARY.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.		Wind, direction and force (0–12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*					*0–10.*	*0–10.*	*mm.*
1	58.10	56.88	25.4	28.6	85	69	ENE	2	ESE	2	10	10	6.3
2	57.80	56.85	25.2	25.4	92	92	Calm		Calm		10	10	86.4
3	58.47	57.63	23.6	28.8	95	72	Calm		E	3	10	10	------
4	59.47	58.43	22.6	28.6	91	64	Calm		E	2	6	5	------
5	59.67	57.75	25.2	28.6	80	65	ENE	2	ENE	2	10	7	------
6	58.62	56.50	25	28.2	83	79	ENE	2	ENE	2	10	10	6.4
7	56.55	55.85	23.4	28	91	80	ENE	2	NE	1	10	10	------
8	56.80	56.28	24.6	29.4	92	75	Calm		WSW	2	7	10	------
9	58.30	57.28	24	25.8	91	92	E	1	WSW	1	7	10	35.5
10	58.80	58.05	24.2	27	88	83	Calm		Calm		10	10	2.6
11	59.15	58.02	25	26.6	90	75	ENE	4	ENE	5	10	10	5.1
12	59.32	58.45	25.4	27.8	82	71	ENE	4	ENE	4	10	10	------
13	59.32	58.45	25.6	28.4	84	68	ENE	2	ENE	3	10	8	------
14	59.27	58.30	25.4	28	84	63	E	2	E	4	10	10	------
15	60.15	59.22	25.4	26.6	76	78	ENE	3	E	3	10	10	2.6
16	59.90	59.08	24.8	27.4	85	77	E	4	E	3	10	10	7.6
17	59.80	57.90	25	28.4	88	68	ENE	4	ENE	4	10	10	3.8
18	58.67	57.08	25.4	27.6	84	68	ENE	3	ENE	4	10	10	------
19	58.10	56.78	26.2	28.6	76	66	E	2	ENE	4	10	7	------
20	58.32	57.63	25.4	28.8	84	67	ENE	3	ENE	4	10	7	------
21	58.20	56.97	25.2	26.6	82	75	ENE	3	ENE	4	10	10	1.3
22	58.80	56.62	25	27.4	80	70	ENE	3	E	4	10	10	------
23	57.90	56.13	25.2	28.4	77	68	ENE	3	E	4	10	10	1.3
24	57.17	55.98	25	28.4	92	70	E	3	E	4	10	10	------
25	57.07	56.28	26.2	28.8	85	72	E	3	E	4	10	10	------
26	57.20	55.80	26	29.6	84	66	E	2	ESE	3	10	7	------
27	57.50	56.55	26	29.6	84	66	ESE	1	E	3	5	5	6.4
28	59.37	58	26	30.4	82	59	ESE	1	ESE	2	7	7	2.5
29	60.50	58.88	25.4	28.6	84	66	E	2	E	4	10	10	------
Mean	58.56	57.37	25.1	28.1	85.2	71.9	2.1		2.9		9.4	9.1	------
Total	-----	-----	-----	-----	-----	-----	-------		-------		-----	-----	167.8

MARCH.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.		Wind, direction and force (0–12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*					*0–10.*	*0–10.*	*mm.*
1	58.55	56.73	25	30	79	55	ESE	1	SE	2	8	4	------
2	58.62	57.53	23.4	29	88	69	E	1	W	2	8	8	------
3	59.70	58.43	25.4	29	84	71	ENE	1	ENE	3	10	5	1.3
4	60.20	58.85	25	28.4	82	61	ENE	4	E	5	10	7	------
5	59.40	57.70	25.4	29	76	60	ENE	3	ENE	4	10	7	------
6	58.30	56.25	25.4	29.6	80	61	ENE	2	ESE	4	10	7	------
7	59.07	57.58	25.4	29.2	80	64	ENE	2	E	3	10	9	------
8	59.87	57.98	25.4	29	80	63	ENE	2	ESE	4	10	8	------
9	60.40	58.48	25	28.6	79	62	E	2	ENE	4	10	8	------
10	59.90	57.93	24	29	90	64	E	3	ENE	4	10	10	2.5
11	59.12	57.33	25	29.4	80	64	E	2	E	3	8	10	------
12	60.70	59.65	25.4	29	84	67	ENE	2	ENE	4	10	7	------
13	59.90	58.63	26	29.2	76	63	ENE	3	E	5	10	8	------
14	58.95	57.50	25	30	80	57	E	3	E	3	10	5	------
15	58.17	57.03	24.8	30	77	51	E	2	E	3	10	7	------
16	59.40	57.37	25	27.4	76	77	E	2	ENE	4	10	10	6.4
17	59.20	57.93	25	28.4	83	68	ENE	2	E	4	10	10	------
18	59.22	58	25	28.6	82	66	ENE	2	ENE	4	10	10	6.4
19	58.87	58.45	25	26.4	92	78	ENE	2	E	2	10	10	2.5
20	58.97	57.83	25.2	28.4	83	68	ENE	2	E	4	10	10	------
21	58.45	57.45	26	28.4	78	68	ENE	2	ENE	4	10	5	------
22	59.87	58.07	25.4	28.6	84	71	ENE	2	ENE	3	10	8	------
23	59.67	57.95	25.4	28.2	88	77	ENE	2	ENE	4	10	10	------
24	60	58.80	25	28.6	82	71	ENE	2	ENE	3	10	10	------
25	60.30	58.10	25	28	76	69	ENE	4	ENE	4	10	10	------
26	60.05	58.78	26.2	28.6	81	66	ENE	2	ENE	5	10	10	------
27	59.95	58.65	25	29	82	64	ENE	3	ENE	4	10	10	2.5
28	59.30	58.38	25.4	28.8	84	67	ENE	4	ENE	5	10	10	------
29	58.82	57.58	25.4	28.4	84	72	ENE	4	E	5	10	10	------
30	58.60	56.95	25.4	28.4	84	72	E	3	E	3	7	10	2.5
31	58.27	56.35	25.4	28.8	84	76	E	1	ENE	3	10	8	3.8
Mean	59.35	57.88	25.2	28.8	81.9	66.6	2.3		3.7		9.7	8.4	------
Total	-----	-----	-----	-----	-----	-----	-------		-------		-----	-----	27.9

APRIL.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.		Wind, direction and force (0–12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*					*0–10.*	*0–10.*	*mm.*
1	57.97	56.83	25.4	29.6	88	70	E	1	ESE	4	10	10	------
2	59.48	58.23	25.2	29.6	83	74	E	1	E	3	10	9	6.4
3	61.03	59.70	26	29.4	78	64	ENE	3	E	3	10	6	------
4	61.23	59.03	25.4	30	76	65	E	1	E	3	10	5	------
5	60.27	58.85	25.4	30.4	84	64	E	1	ESE	3	10	7	------
6	60.93	59.78	26.2	30	84	62	ENE	1	E	3	10	10	------
7	61.85	60.31	25.4	29.6	84	62	ENE	2	E	3	10	8	------
8	61.65	59.63	26	29.4	82	62	ENE	1	ENE	3	10	6	------
9	61.15	59.93	25.4	29	80	68	ENE	2	ENE	4	10	8	------
10	60.47	59.05	25	27	83	80	ENE	3	ENE	4	10	10	5.1
11	60.57	58.83	26	29.6	79	67	ENE	3	ENE	4	10	7	------
12	60.60	58.43	26	29	79	67	ENE	2	ENE	5	10	10	------
13	59.55	58.50	26.8	27.4	83	81	ENE	4	ENE	5	10	10	26.7
14	59.47	58.28	25	28.4	92	76	ENE	4	ENE	5	10	10	3.8
15	59.87	58.43	26.4	28.6	84	72	ENE	3	E	3	10	10	12.7
16	60.57	59.15	24	29	95	71	E	4	E	3	10	10	5.1
17	59.85	58.38	25.6	29.6	82	70	ENE	2	E	4	8	7	------
18	59.17	57.55	26.4	29.4	81	66	ENE	2	E	4	6	5	------
19	58.47	56.23	26	29	82	69	E	3	E	4	10	7	------
20	57.62	55.63	25.6	28.2	82	69	E	2	ENE	3	10	10	------
21	57.20	56.88	26	28.8	84	68	ENE	1	ENE	3	10	8	3.8
22	57.50	56.18	26	29.8	84	65	ENE	2	E	3	8	8	------
23	57.77	56.73	26.2	29.8	81	62	E	2	E	3	7	5	------
24	58.07	56.65	26.4	29.6	79	64	E	2	E	4	6	8	------
25	58.17	56.83	26.2	29.4	82	66	ENE	2	ENE	3	10	6	------
26	58.65	57.13	26.4	30	81	64	E	2	ENE	2	6	7	------
27	58.32	57.10	26.8	29.6	81	67	ENE	3	ESE	2	10	10	8.9
28	58.40	56.78	25	27	83	83	ENE	3	ESE	3	10	10	6.4
29	57.67	56.23	26	29	84	68	ENE	1	ENE	4	10	7	------
30	57.95	57.33	26.8	29	80	69	ENE	3	E	4	10	10	------
Mean	59.38	57.95	25.8	29.1	82.7	68.5	2.2		3.5		9.4	8.1	------
Total	-----	-----	-----	-----	-----	-----	-------		-------		-----	-----	78.9

SUMAY, GUAM (LADRONE ISLANDS).

[$\phi = 13°\ 24'$ N; $\lambda = 144°\ 38'$ E; barometer above sea, 20.4 meters; gravity correction not applied, —1.76 mm.]

MAY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	58.47	57.03	26.6	28.2	81	77	ENE 3	E 4	10	10	25.4
2	60.15	56.57	22.8	26	97	85	ESE 3	E 2	10	10	16.5
3	57.95	56.80	25.2	29.6	83	71	ENE 2	E 3	8	10	------
4	57.45	57.05	26.4	28.4	84	75	E 3	ENE 3	10	8	2.5
5	57.80	56.08	26	29.2	84	66	ENE 3	ENE 3	10	6	------
6	57.45	55.92	26.4	26.8	84	84	ENE 4	ENE 4	10	10	10.1
7	56.15	54.42	27	27.2	86	86	ENE 3	ENE 4	10	10	7.6
8	55.90	56.20	24	27	95	80	ESE 3	E 3	10	10	3.8
9	57.25	57	24.4	25.8	88	92	SSE 1	ESE 3	10	10	114.3
10	58.20	57.78	24.8	26	92	95	SE 5	E 1	10	10	114.3
11	58.57	57.85	24	28.4	93	73	SE 3	ESE 3	10	9	1.3
12	58.48	56.50	26.2	29.8	85	70	ESE 1	SE 2	10	9	------
13	56.97	55.90	26.4	29	89	71	SSE 2	SSW 3	6	7	6.4
14	57.47	56.63	26 4	29.2	90	76	Calm	SSW 3	10	7	------
15	58.57	57.83	24.4	28.4	91	77	Calm	SW 2	10	10	------
16	59.78	58.90	27.4	30	81	67	ENE 1	ESE 3	7	6	------
17	58.78	58.33	27.2	29	83	72	ENE 3	ENE 3	6	8	------
18	58.55	57.33	26.4	30	81	64	ENE 3	E 3	9	5	------
19	57.77	57.30	26.4	28.4	81	77	ENE 3	ENE 2	5	9	1.3
20	59.08	57.85	27.2	30.2	84	68	ENE 2	ENE 3	6	8	2.5
21	58.98	57.28	27.2	29.6	84	69	ENE 3	ENE 4	7	8	2.5
22	57.50	57.05	27	26.8	86	89	ENE 3	E 3	10	10	12.8
23	57.85	56.93	26.2	29.2	84	71	ENE 3	E 4	10	10	6.4
24	58.22	57	25.6	29	90	72	ENE 2	ENE 4	10	8	3.8
25	57.78	56.48	27.2	28	83	79	ENE 3	ENE 4	8	10	31.8
26	58.10	57.15	24.2	26	95	85	ESE 1	ESE 3	10	10	16.6
27	57.50	56.28	24.4	27.6	95	80	Calm	NE 1	10	10	3.8
28	56.77	55.98	27.2	28	83	77	E 1	E 3	10	10	12.7
29	57.58	56.68	27.2	29.4	83	68	E 2	ENE 3	10	10	------
30	57.70	57.05	25.6	27.2	92	83	ENE 3	E 4	10	10	26.6
31	58.20	57.10	25.8	24.4	85	93	ESE 1	ESE 1	10	10	55.9
Mean	57.97	56.91	25.9	28.1	86.8	77.2	2.3	2.9	9.1	9	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	478.9

JUNE.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	58.60	57.70	24.8	29.4	93	75	ESE 1	ESE 2	10	10	15.2
2	58.70	57.15	24.8	26.4	93	92	E 2	ESE 2	10	10	5.1
3	57.95	56.93	27	29	84	78	ENE 3	E 3	10	10	10.2
4	58.27	56.83	25.4	29.6	92	74	ENE 1	ENE 3	10	10	11.4
5	58.45	57.30	26.8	29.4	86	72	ENE 3	ENE 4	10	7	------
6	57.75	56.43	26.4	28.8	87	71	ENE 4	ENE 4	10	9	1.3
7	57.25	56.18	26.4	29.6	78	64	ENE 1	E 3	10	5	------
8	57.05	56.40	27.4	29.4	81	71	E 1	ESE 3	10	10	------
9	57.33	57.20	27.6	30.2	80	70	ESE 3	E 3	10	8	------
10	58.45	57.09	28	30	80	69	ESE 1	ESE 3	10	6	------
11	57.47	56.98	26.2	28	85	77	E 2	E 3	10	10	16.5
12	56.08	54.83	27.6	29.4	83	75	E 1	ESE 4	10	10	6.4
13	56.08	55.55	25.4	28.2	92	76	Calm	ESE 3	10	10	5
14	57.25	57.52	26.8	24	87	95	ESE 2	SW 2	10	10	47
15	57.73	56.83	27.2	29.4	86	78	E 2	E 4	10	10	11.5
16	57.08	56.35	27.4	29.6	84	71	E 3	ENE 4	8	9	1.3
17	56.88	56.43	26.8	29.4	89	75	ENE 3	ENE 3	10	8	45.7
18	58.92	58.80	23.6	30	91	66	SSW 1	ESE 3	10	10	------
19	59.32	58.28	26	28.6	84	78	E 1	ENE 2	9	8	------
20	58.35	57.55	28.4	26.6	82	83	ENE 1	SE 1	8	10	5.1
21	58.33	57.93	26	28	92	77	Calm	ESE 1	5	10	------
22	58.78	58.15	27.2	29.4	83	75	Calm	ENE 1	5	8	------
23	59.17	58.83	25	28.4	92	77	Calm	NNW 1	10	10	------
24	60.05	59.15	25	28.6	92	78	Calm	Calm	10	9	------
25	60.15	58.83	27	28	84	83	Calm	S 1	6	10	38.1
26	60.40	58.88	25	29.2	92	71	Calm	ENE 3	8	6	------
27	59.65	58.15	26.8	29.4	86	71	E 1	ENE 2	6	6	5.1
28	60.05	58.33	23.8	29	95	69	S 3	ENE 2	10	8	8.9
29	59.20	58.20	25.6	26.4	87	90	ENE 2	ENE 1	10	10	33
30	59.22	57.28	27.4	29.4	83	71	ENE 1	ENE 3	8	8	------
Mean	58.33	57.36	26.3	28.7	86.8	75.7	1.4	2.5	9.1	8.8	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	266.8

JULY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	58.25	57.53	27.4	29.6	81	74	ENE 2	ENE 4	8	7	5.1
2	59.50	58.63	26.4	29.2	89	71	ENE 2	ENE 4	10	8	6.4
3	60.30	59.30	25	29.6	92	71	ESE 1	ESE 2	10	9	------
4	60.33	58.85	27.4	28.8	84	82	ENE 1	ENE 2	10	10	8.9
5	59.90	58.45	24.4	28.8	91	73	ESE 2	E 3	10	9	8.9
6	59.05	58.35	27.4	29.8	86	73	ENE 1	E 3	10	10	7.6
7	60.18	59.13	25	29	92	81	E 1	ENE 3	10	10	2.5
8	59.65	57.95	27	29	80	71	ENE 1	ENE 3	6	7	------
9	59.48	58.33	25.6	29	92	71	Calm	ENE 2	10	7	5.1
10	59.93	59.33	27	29.4	84	63	E 1	E 3	10	7	------
11	59.43	58.35	27.4	29.8	84	66	ENE 2	ENE 3	6	5	7.6
12	59.52	58.18	26.6	30	90	71	ENE 3	E 1	10	10	------
13	59.53	58.85	27.6	29.6	80	70	E 1	ENE 3	8	8	5.1
14	59.35	57.90	26.6	30	83	67	ENE 2	ENE 3	10	10	------
15	57.75	56.58	28	29.6	77	74	ENE 2	ENE 3	10	10	5.1
16	58.30	56.95	25.4	28	88	77	E 1	ENE 3	10	10	5.1
17	57.47	57.70	26.2	27.8	90	83	E 1	ESE 2	10	10	17.8
18	57.80	57.05	25.6	26.8	92	89	ENE 1	WNW 1	10	10	29.2
19	57.55	56.20	25	30	93	71	Calm	S 3	7	7	------
20	57.48	56.20	26	29.6	87	74	Calm	SW 3	6	8	1.3
21	58.35	57.25	25	28.4	92	85	SE 1	SW 1	10	10	12.7
22	57.18	56.45	25	27.6	92	87	Calm	ENE 3	10	10	16.5
23	57.05	55.75	27	29.6	87	74	E 1	E 3	10	8	3.3
24	57.33	56.70	26.6	30.4	90	69	Calm	E 3	10	7	3.8
25	57.80	56.70	27.6	30	84	66	E 2	ESE 3	10	7	16.5
26	57.70	55.80	26	29.6	95	75	S 1	SSW 3	10	8	2.5
27	57.48	56.33	27.2	29	83	76	S 1	SSW 3	7	9	1.3
28	58.07	57.15	26.4	30.4	89	65	S 1	SW 3	10	5	------
29	57.78	57.20	27.2	29.4	86	75	ENE 1	E 3	8	10	5.1
30	58.43	57.23	26.4	28	89	85	E 1	ENE 1	10	10	17.8
31	58.15	57.18	26.4	28.2	92	80	Calm	W 3	10	10	1.3
Mean	58.58	57.55	26.4	29.2	87.5	74.5	1.1	2.7	9.2	8.6	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	197

AUGUST.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	58.08	57.45	26.6	30	89	73	Calm	WSW 3	10	10	3.8
2	58.43	58.03	27.4	30.2	84	71	WSW 1	SSW 3	10	8	------
3	59.98	58.38	26	31	92	71	SW 1	N 1	8	8	------
4	59.63	59.21	28	30	83	71	Calm	E 3	8	8	3.8
5	59.55	58.30	26.2	30.4	90	72	SSW 1	SSW 3	7	8	------
6	59.28	58.08	27.6	29.4	80	71	SW 2	SW 3	8	9	------
7	58.98	58.72	28	25	80	88	SW 3	W 3	10	10	6.4
8	58.20	55.95	25	28	95	76	WSW 3	SW 3	10	10	30.5
9	57.58	56.33	26.8	29.6	81	77	SW 2	SW 3	10	10	58.4
10	57.50	56.68	26.8	28.4	89	79	SW 1	SSW 3	10	10	16.5
11	57.37	56.40	25	30	93	74	SSE 1	SW 3	10	10	------
12	56.90	56.70	25.8	30.4	92	72	SSW 1	SSW 2	10	10	14
13	58.87	58.68	25.2	29	93	71	S 1	S 3	10	10	------
14	60.85	59.33	26.2	30	90	71	Calm	E 1	10	10	3.8
15	60.05	58.98	26.2	30.6	90	65	Calm	E 1	10	10	6.4
16	58.97	57.77	24.4	25.8	97	85	ENE 4	SSE 2	10	10	38.1
17	59.93	59.23	26.4	30	81	70	Calm	E 3	10	8	------
18	60.05	58.33	27.2	30	81	69	ENE 1	E 3	6	9	25.4
19	60.02	58.13	25.6	30.2	92	70	E 1	ENE 2	8	6	6.4
20	58.97	58.45	25	26.4	92	84	Calm	W 3	10	10	3.8
21	59.75	58.85	25.4	29.4	92	71	S 1	SW 3	10	10	17.8
22	60.25	59.08	24.6	29.2	96	71	Calm	SSW 3	10	10	2.5
23	60.60	58.60	25	30.2	92	70	Calm	E 2	10	10	------
24	59.70	58.63	26.2	30	89	66	ENE 3	ESE 3	10	8	------
25	58.96	58.57	26	25.4	92	80	Calm	E 2	10	10	29.2
26	59.40	57.98	24.8	28.2	88	73	Calm	S 2	10	10	3.8
27	58.52	57.80	25	29.4	95	71	Calm	ESE 3	10	10	3.8
28	58.57	57.23	25	30	92	67	Calm	E 3	10	10	------
29	57.88	57.08	26.8	30.4	86	65	E 1	E 3	8	8	------
30	58.50	58.28	26.4	28.4	84	72	E 2	ESE 3	8	10	38.1
31	59.60	58.96	25.4	27	90	84	ENE 1	ENE 3	10	10	5.1
Mean	59.06	58.07	26	29.1	89.3	73.2	1	2.6	9.4	9.4	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	317.6

SUMAY, GUAM (LADRONE ISLANDS).

[ϕ=13° 24′ N; λ=144° 38′ E; barometer above sea, 20.4 meters; gravity correction not applied, —1.76 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	59.22	58.78	26.4	27.4	90	84	ENE 1	ENE 3	8	10	19
2	59.63	58	26	30.2	89	70	Calm	ESE 3	10	10	------
3	59.08	57.50	25.6	29	90	74	Calm	ENE 3	10	10	------
4	58.68	57.10	27	29.6	84	70	ENE 3	ENE 3	8	8	5.1
5	58.67	58.15	26	26	87	92	ENE 2	NE 1	10	10	22.9
6	58.77	56.93	26 4	30.6	89	68	ENE 3	ESE 3	10	8	22.9
7	58.45	56.90	26.8	30.4	89	72	ENE 2	E 3	10	8	6.4
8	58.23	57.68	26.8	29.2	86	76	E 2	E 3	10	10	13.9
9	59.58	60.25	25.4	24.4	88	91	E 1	E 3	10	10	21.5
10	59.88	57.98	27	28	84	85	ENE 3	ENE 3	10	10	3.8
11	59.02	58.27	26	24.4	84	91	ENE 3	ENE 4	10	10	45.7
12	58.95	57.60	24.4	26.6	91	86	E 1	ENE 3	10	10	3.8
13	58.05	57.45	26.6	23.8	87	95	Calm	Calm	6	10	10.2
14	57.15	57.02	25	26.2	92	85	S 1	Calm	10	10	7.6
15	58.15	56.65	25.2	28.6	90	78	Calm	WSW 2	6	10	22.9
16	57.35	56.60	25.4	30	92	71	Calm	WSW 2	10	10	------
17	57.20	55.85	24.6	25	92	92	Calm	Calm	10	10	41.9
18	57.75	56.60	24.6	24.6	95	95	SE 2	S 2	10	10	74.9
19	57.77	56.95	24.4	28	91	80	SSE 1	S 1	10	10	64.8
20	58.57	57.25	25	28.4	92	76	E 1	E 3	10	10	29.2
21	58.72	57	23.4	28	97	76	E 2	E 2	10	10	16.5
22	58.47	56.45	24.6	27	90	87	E 1	ENE 2	10	10	20.3
23	58.38	56.50	25.4	29.2	88	71	ENE 2	E 4	10	10	3.8
24	57.22	55.73	25	28.8	93	82	E 2	ENE 3	10	10	43.1
25	57.07	55.93	25.8	28.8	93	76	E 1	S 3	10	10	14
26	58.35	57.68	24.8	26	92	92	SSE 1	W 2	10	10	50.8
27	59.20	57.88	25.4	29.8	87	69	Calm	SSE 1	10	10	------
28	58.75	57.58	27.4	29.8	84	70	Calm	E 3	8	7	------
29	58.55	57.83	26.6	26	87	92	Calm	N 1	7	10	16.5
30	59.15	57.93	27	26.8	87	71	Calm	ENE 3	7	10	5.1
31	------	------	------	------	------	------	------	------	------	------	------
Mean	58.47	57.33	25.7	27.7	89.3	80.6	1.2	2.3	9.3	9.7	------
Total	------	------	------	------	------	------	------	------	------	------	586.6

OCTOBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	59.12	57.60	24.6	29.6	92	62	Calm	SE 3	8	8	------
2	59.20	58.57	26	24	84	95	ENE 2	SSE 1	10	10	24.1
3	59.55	58.13	27	29.4	80	68	ENE 1	E 3	8	7	3.8
4	60.15	58.50	24.8	26.4	88	84	E 4	ENE 3	10	10	11.4
5	59.07	57.55	26.4	27.8	87	83	ENE 2	ENE 3	10	10	14
6	58.95	57.25	25.6	25.4	88	90	ENE 1	ESE 2	10	10	3.8
7	59.30	58.33	25	28.8	85	68	Calm	ENE 3	10	10	------
8	59.68	58.60	27.2	29	83	74	ENE 1	ENE 3	8	10	5.1
9	59.78	58.45	27	27	86	84	ENE 2	E 2	10	10	30.5
10	60.55	59.33	26	29.2	92	71	ENE 1	ENE 3	10	8	12.7
11	59.75	57.55	26.4	29.4	84	71	ENE 2	ENE 4	10	8	3.8
12	59.05	57.53	27	28.4	83	73	E 3	E 4	10	10	12.7
13	59.80	58.73	26.4	29	84	69	ESE 1	E 4	10	10	17.7
14	59.60	57.93	26.4	28.4	84	77	ENE 3	E 3	10	10	5.1
15	58.68	57.63	26.4	28.8	84	71	ENE 3	ENE 4	10	10	------
16	58.45	56.93	27.2	29	78	71	E 3	ENE 4	7	6	3.8
17	58.80	57.13	26.2	28.4	85	73	E 3	E 4	10	10	10.2
18	59.67	57.88	26.4	28.8	86	72	ENE 2	ENE 4	10	10	6.3
19	59.38	57.58	26	27	84	84	E 2	ENE 2	10	10	12.7
20	58.90	57.28	26.8	28.8	84	75	ENE 2	ENE 5	10	10	1.3
21	59.15	57.78	26.6	26.4	87	84	ENE 3	ESE 3	10	10	12.8
22	58.95	57.33	26.8	29	89	74	ENE 3	E 4	10	10	6.4
23	59.27	58.15	25.4	24.6	92	92	ENE 2	ENE 2	10	10	8.9
24	60.18	58.50	26.2	28.4	87	77	ENE 2	ENE 4	10	10	------
25	58.85	57.03	26.4	29.6	84	67	ENE 3	ENE 4	6	6	------
26	59.32	57.90	26.4	28.6	86	75	ENE 2	ENE 3	6	8	14
27	57.67	55.98	26.4	28.6	89	76	ENE 1	E 2	10	8	12.7
28	56.97	55.80	25.8	26.6	84	78	ENE 2	ENE 4	10	10	10.1
29	58.17	56.47	23.8	26.4	91	81	ESE 3	ENE 3	10	10	12.7
30	57.50	55.90	24.4	25	91	95	ESE 2	ENE 3	10	10	25.4
31	56.45	54.80	25	27	92	78	ESE 1	ESE 3	10	10	11.5
Mean	59.03	57.55	26.1	27.8	86.2	77.2	2	3.2	9.5	9.3	------
Total	------	------	------	------	------	------	------	------	------	------	293.5

NOVEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	55.32	54.05	25.8	28	92	77	ENE 1	ENE 4	10	10	3.8
2	54.60	53.93	25	23.4	88	97	E 3	ESE 6	10	10	224.8
3	58	56.57	24	26.6	85	81	E 5	E 4	10	10	1.3
4	58.55	55.98	26	28.4	89	77	E 1	E 2	10	10	16.5
5	57.87	56.08	24	28.6	93	75	SSE 1	ESE 1	10	10	------
6	58	57.45	24.8	29	90	68	Calm	S 1	10	10	------
7	58.55	57.13	27.2	29.2	84	76	SSW 1	W 1	10	10	5.1
8	59.10	57.68	25.2	29.4	90	64	E 2	E 2	6	8	------
9	58.98	56.23	27	28	84	80	ENE 1	ENE 3	8	9	1.3
10	57.98	55.93	27	28	84	80	Calm	NNE 1	7	8	------
11	57.57	55.60	26.6	28.6	87	78	ENE 1	ENE 3	10	10	2.5
12	57.90	56.15	25.6	27	92	87	ENE 3	ENE 1	10	10	21.5
13	57.07	56.10	26.4	28.4	84	77	ENE 4	E 4	10	10	1.3
14	58.23	56.85	26.6	28.6	83	76	E 3	E 3	10	10	7.6
15	58.07	56.38	25.6	29	84	69	ENE 2	ENE 3	10	8	20.3
16	58.12	56.55	24.4	28.4	93	77	Calm	SW 1	10	10	12.7
17	59.17	57.70	26.4	29.6	84	71	E 2	ESE 2	7	10	------
18	61.15	59.75	26.4	28.4	84	79	ESE 1	ENE 1	7	10	7.6
19	61.10	59.80	25.4	24.6	88	90	ENE 2	ENE 3	10	10	15.2
20	59.27	57.80	26.4	28.6	84	76	ENE 3	ENE 4	10	10	5
21	58.77	56.90	25.6	29.2	88	70	ENE 3	ENE 3	10	8	------
22	59.30	57.15	26	27.6	87	81	ENE 4	E 4	10	10	13.9
23	58.15	56.30	24.4	24	93	95	E 4	ENE 4	10	10	42
24	56.67	55.39	25.6	25.4	90	92	E 2	E 3	10	10	33
25	56.67	55.02	24.4	27	91	80	SE 1	E 3	10	10	7.7
26	56.12	55.30	25.6	28.4	82	77	E 3	E 3	10	10	------
27	56.75	55.95	26.4	28.4	84	75	E 3	E 4	10	10	1.3
28	57.32	56.10	25.4	27	92	84	E 1	ESE 3	10	10	16.5
29	56.95	54.57	26.4	28	84	73	ESE 1	E 3	10	8	3.8
30	57.05	54.68	24.8	30	95	67	Calm	ESE 2	10	10	5.1
31	------	------	------	------	------	------	------	------	------	------	------
Mean	57.95	56.37	25.7	27.8	87.6	73.3	1.9	2.7	9.5	9.6	------
Total	------	------	------	------	------	------	------	------	------	------	469.8

DECEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	56.85	54.98	25	28.4	90	70	ENE 1	E 2	10	10	------
2	57.27	55.75	24.6	27.6	82	73	ENE 3	ENE 3	10	10	1.3
3	56.72	54.52	23.8	27.4	93	70	ENE 1	ENE 4	10	6	------
4	56	54.35	23	28.2	90	70	ENE 1	ESE 1	6	10	12.7
5	56.74	54.55	23	27.6	91	77	Calm	ESE 3	10	10	12.7
6	57.22	55.75	25.2	28.4	85	76	ENE 4	ENE 4	10	8	------
7	57.60	55.95	26.2	28.6	79	71	ENE 3	E 3	7	7	7.6
8	58.05	55.93	26.2	28.4	87	72	ENE 3	ENE 4	8	6	1.3
9	57.97	56.05	25.4	28.4	88	73	Calm	ENE 5	10	10	1.3
10	57.15	55.80	26.4	29	84	71	ENE 3	E 3	8	7	------
11	57.17	55.45	26.4	29.2	84	70	ENE 2	E 3	10	8	3.8
12	57.67	55.83	26	29	84	72	ENE 3	E 3	10	10	------
13	58.15	57.10	26	27	87	80	ENE 4	ENE 3	10	10	10.2
14	57.45	55.53	26.6	28.4	83	76	ENE 3	ENE 4	10	10	------
15	57.95	56.28	26.4	29.4	84	72	ENE 3	E 3	10	10	3.8
16	57.60	56.33	26	28.6	87	73	ENE 1	ENE 3	10	10	------
17	58.22	56.33	25	28	79	70	ENE 2	ENE 3	7	8	------
18	58	56.38	26	28.4	84	70	ENE 1	ENE 4	10	8	------
19	57.50	56.03	26	27.8	87	82	ENE 1	ENE 4	10	10	1.3
20	57.47	56.38	25.4	29	84	68	ENE 3	ENE 4	10	8	------
21	57.50	55.73	25.4	28.6	87	66	ENE 2	ENE 3	8	8	------
22	57.07	55.15	25	27.8	79	70	ENE 2	ENE 3	10	10	------
23	57.40	55.65	24.8	27.6	77	70	ENE 2	ENE 4	10	10	------
24	57.97	55.90	24.6	28.8	82	64	ENE 3	E 4	10	10	------
25	58.02	56.38	25.4	27.8	80	70	ENE 3	ENE 4	10	10	------
26	57.30	55.68	25	29	79	63	ENE 3	ENE 3	10	10	------
27	57.87	56.25	24.6	28.8	87	65	ENE 2	ENE 3	10	10	------
28	58.22	56.93	23.6	28.8	91	72	Calm	ENE 2	10	7	------
29	58.57	56.93	24.4	28	82	70	E 1	ENE 3	7	7	------
30	58.48	57.15	25.8	26.6	82	72	ENE 4	ENE 5	10	10	------
31	59.18	58.10	26	27.6	73	67	ENE 5	ENE 3	5	10	------
Mean	57.62	55.97	25.3	28.3	84.2	71.1	2.2	3.3	9.2	9	------
Total	------	------	------	------	------	------	------	------	------	------	56

CALAPAN.[a]

[ϕ=13° 25′ N; λ=121° 11′ E; barometer above sea, 7 meters; gravity correction not applied, —1.76 mm.]

JANUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	58.95	57.55	25.1	30	92	71	Calm	Calm	10	10	9.4
2	56.46	53.93	23.5	24	97	100?	NW 1	NW 3	10	10	71.6
3	55.46	54.64	25	27.7	93	82	Calm	NE 1	10	10	9.2
4	60.24	58.32	26.2?	29	88?	76	Calm	NE 2	10	10	------
5	60.63	59.41	23.6	30	95	76	Calm	NE 1	10	10	------
6	60.61	59.64	22.1	29.5	81	75	Calm	Calm	10	10	.3
7	30.45	59.23	22.8	30.7	93	59	Calm	E 2	10	7	2
8	60.87	60.67	25.1	30.5	92	72	Calm	Calm	10	10	1
9	63.10	61.23	26	30	92	70	Calm	Calm	10	10	2.5
10	62.75	61.06	26	29.3	85	70	Calm	NE 1	10	7	11.4
11	63.67	61.67	25.5	29.1	88	72	Calm	NE 1	10	10	8.9
12	62.64	61.12	23.2	23	97	70	Calm	NE 1	10	10	7.6
13	61.73	60.23	25	27.5	89	73	Calm	Calm	10	10	7.1
14	60.89	58.34	24	24.6	91	91	Calm	NW 1	10	10	10.6
15	57.51	56.67	25.5?	26	78?	81	NW 2	NW 2	10	10	2.6
16	58.87	58.23	22.6	24	93	83	Calm	NW 1	10	10	.8
17	60.28	59.25	19.7	25.8	93	91	Calm	NE 2	10	10	------
18	61.04	60.28	23	25.8	77	58	NE 2	NNE 2	10	10	1.8
19	61.80	60.62	23.2	25.5	71	68	NE 1	NE 2	10	10	------
20	61.55	60.37	24	26	71	58	NE 1	NE 1	10	10	3.6
21	60.76	58.63	21	28	95	64	Calm	NE 1	10	10	------
22	59.66	57.64	24.2	27.6	82	71	Calm	NE 1	10	10	1.4
23	59.54	57.10	23.6	27.5	95	77	Calm	NW 2	10	7	21.6
24	60.03	58.48	24	27.2	92	80	Calm	NNE 2	10	10	1.3
25	61.36	60	24.2	26.2	82	79	NE 2	NE 3	10	10	2.3
26	60.61	59.23	24	25.3	90	91	NNE 2	Calm	10	10	21.6
27	60.03	58.55	23.8	27	96	81	Calm	NE 1	10	10	1
28	59.68	57.50	24.7	27.6	92	79	Calm	Calm	10	10	1
29	58.80	57.09	25	25.5	88	81	NE 1	NE 2	10	10	22.4
30	59.23	57.22	23.2	25.7	97	84	Calm	NE 1	10	10	2
31	58.07	56.53	24	27	90	73	Calm	Calm	10	10	2
Mean	60.24	58.72	24	27.3	88.9	76	0.4	1.2	10	9.7	------
Total	-----	----	----	----	----	----	----	----	----	----	227

FEBRUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	58.01	56.74	23.4	29	94	68	Calm	NE 1	10	9	2.8
2	58.41	56.68	23.5	28.5	96	74	Calm	NE 1	8	10	------
3	58.26	56.44	23.7	29.5	95	71	Calm	NE 1	8	10	------
4	57.93	56.53	23.5	30.4	91	66	Calm	Calm	10	10	6.6
5	58.38	57.23	22.5	28	96	74	Calm	NW 2	8	4	------
6	59.88	57.56	19	28	78	70	Calm	NE 1	7	3	------
7	58.64	56.91	19	27	85	68	Calm	NW 1	7	3	------
8	58.47	57.16	17.1	26.7	87	62	Calm	NW 2	3	3	------
9	60.66	58.77	17.8	27.5	83	58	Calm	NW 1	3	2	------
10	61.45	59.74	20.5	28	82	56	Calm	NE 1	4	3	------
11	61.30	59.87	24.4	28.7	82	63	Calm	NE 1	10	10	------
12	61.24	59.81	23	28.6	93	61	Calm	NE 1	10	4	------
13	61.98	59.39	25.6?	29.5	83?	60	Calm	NE 1	4	3	------
14	62.69	60.10	24	26	86	78	Calm	NE 1	10	10	.3
15	61.14	58.72	24.6	28.5	88	67	Calm	NE 1	10	4	1.8
16	61.35	59.24	21.8	28.3	88	68	Calm	NE 1	10	10	------
17	60.46	58.22	22.8	30.3	91	57	Calm	E 1	10	8	------
18	59.74	57.07	24.4	28.1	94	68	Calm	NE 1	10	10	------
19	58.96	57.03	24.8	28	90	76	Calm	Calm	10	10	------
20	58.28	56.82	24.5	29	87	73	Calm	Calm	10	10	6.6
21	58.31	57.32	24	27.2	96	84	Calm	Calm	10	10	18
22	57.59	57.02	26.2	25.2	89	92	E 2	Calm	10	10	51.1
23	57.88	56.76	23.6	29	97	74	Calm	SE 1	10	10	9.4
24	58.51	57.38	23.8	28.7	92	73	Calm	E 2	10	9	------
25	59.80	57.54	22.6	28.4	84	64	Calm	NE 1	10	10	------
26	59.36	57.32	22	30	93	59	Calm	NE 1	10	10	------
27	59.67?	57.32	22.6	29	86	62	Calm	Calm	10	10	------
28	59.85	57.88	24.6	28.6	85	66	Calm	NE 2	10	7	------
29	59.64	58.29	21.8	31	88	55	Calm	NE 1	10	10	------
Mean	59.58	57.82	22.8	28.4	88.9	67.8	0.1	0.9	8.7	7.7	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	96.6

MARCH.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	60.67	59.94	26	27	80	63	Calm	NE 2	10	10	------
2	61.03	59.54	24	27	81	78	Calm	NE 2	10	10	8.8
3	60.64	59.67	24	28.2	77	68	Calm	NE 1	10	10	.3
4	61.49	60.43	23.6	29.9	90	63	Calm	E 1	10	10	2.3
5	61.23	60.04	24.7	26	86	81	Calm	NE 2	10	10	2.5
6	60.83?	58.13	24	28.5	97	70	Calm	Calm	10	10	2.3
7	58.95	57.47	23.7	28.5	96	76	Calm	NE 1	10	8	1.3
8	59.28	57.47	23.7	30.4	90	69	Calm	E 1	10	3	------
9	60.43	58.42	24.2	29.7	94	67	Calm	NE 1	10	4	------
10	60.39	58.32	24.9	29.5	89	63	Calm	NE 1	8	4	------
11	59.72	58.72?	22.4	29.7	91	60	Calm	E 1	6	3	------
12	60.78	59.17	26.5	30.2	81	71	Calm	NE 1	9	8	------
13	60.99	59.99	25.8	28	85	74	Calm	SE 1	10	10	1.5
14	60.52	58.44	25.1	25.2	92	89	Calm	Calm	10	10	6.8
15	59.89	57.94	24	31.1	92	61	Calm	NE 1	10	8	.3
16	60.44	59.08	23.8	25.5	89	78	Calm	SE 1	10	10	6.8
17	61.16	59.26	24.4	30	92	61	Calm	NE 1	10	4	------
18	60.61	58.44	24	30.5	86	54	Calm	ESE 1	9	8	------
19	60.79	58.76	23.7	30	73	59	Calm	E 2	8	3	------
20	60.44	58.42	26.7	30.6	79	60	Calm	NE 1	10	4	------
21	60.33	59.02	25.1	30.5	87	60	Calm	E 2	8	4	------
22	61.46	59.67	23.5	30	89	63	Calm	NE 2	10	4	------
23	62.02	60.47	26.2	30	79	64	Calm	E 2	10	10	8.1
24	62.73	61.73	25	28	88	74	Calm	NE 2	10	10	.5
25	62.92	61.73	25.8	30	74	59	NE 2	E 1	10	10	------
26	62.93	61.47?	24.1	30.5	86	56	Calm	E 1	10	6	------
27	61.93	60.46	23.1	31.2	97	58	Calm	E 1	8	8	------
28	61.57	59.06	25.4	32	84	51	Calm	E 1	10	3	------
29	60.63	58.13	24.5	31	92	58	Calm	NE 2	10	3	------
30	60.19	57.82	26.4	30.5	79	64	NE 1	E 2	5	4	------
31	59.06	57.35	26.5	31.5	82	58	NE 1	NE 1	7	7	------
Mean	60.84	59.18	24.7	29.4	86.4	65.6	0.1	1.3	9.3	7	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	36.5

APRIL.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	58.44	56.87	22.4	31.6	88	55	Calm	NE 1	10	10	------
2	58.98	57.58	25	31.5	82	41	Calm	E 1	10	9	------
3	60.76	58.75	23	32.3	87	42	Calm	E 1	4	9	------
4	61.04	59.36	24	31.4	81	57	Calm	E 2	9	10	3.3
5	61.37	61.45	24.7	25.5	93	84	Calm	NE 1	10	10	16.1
6	62.56	61.09	23.1	30	95	65	Calm	NE 2	10	6	1.3
7	62.84	61.73	24.1	30.2	92	62	Calm	NE 1	10	4	------
8	63.39	60.38	25.7	30	79	65	NE 1	NE 2	10	7	1.8
9	61.73	60.21	25	25.5	92	89	Calm	Calm	10	10	11.7
10	61.73	60.30	25.5	29.9	96	65	Calm	NE 1	10	8	------
11	61.69	60.12	26	26.5	90	85	Calm	Calm	8	10	5.5
12	61.67	59.97	25.3	29.5	96	75	Calm	NE 1	10	8	1
13	60.77	59.82	25.6	30.7	92	64	Calm	E 1	9	4	------
14	60.94	59.42	26	29.7	90	64	Calm	E 2	10	10	------
15	60.05	58.15	26	31	88	50	Calm	NE 2	10	10	------
16	60.01	58.07	24.2	31.6	88	56	Calm	E 1	10	9	.5
17	58.39	56.66	25.5	30	90	68	Calm	E 1	10	10	------
18	56.25	54.87	24	32.5	94	69	Calm	NW 1	10	7	12.4
19	56.72	55.43	25.8	29.2	98	76	Calm	NW 2	4	4	------
20	57.41	55.08	24.5	31	92	69	Calm	NW 1	4	4	------
21	57.08	55.19	23.5	31.3	91	61	Calm	NW 2	7	7	------
22	57.43	55.71	23.7	30.5	89	68	Calm	NE 1	10	8	------
23	57.13	55.07	24.3	31.1	92	60	Calm	NE 1	10	3	------
24	57.20	55.35	24	30.5	96	63	Calm	NE 1	4	5	------
25	58.10	56.17	25	32.4	83	58	Calm	NE 1	3	4	------
26	59.27	57.42	25.5	33	88	44	Calm	NE 1	7	4	------
27	58.81	57.25	25.2	32.5	86	58	Calm	NE 1	4	3	1
28	59.16	56.87	25.5	32	84	60	Calm	E 1	4	4	3.8
29	59.28	57.08	25.5	31.6	92	59	Calm	NE 1	10	6	51.6
30	59.31	57.79	24.8	29.4	94	72	Calm	Calm	10	4	6.1
Mean	59.65	57.97	24.7	30.5	89.9	63.6	0	1.1	8.2	6.9	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	116.1

[a] The barometric readings of this station seem to be too high by about 1 mm.

CALAPAN.

[ϕ=13° 25′ N; λ=121° 11′ E; barometer above sea, 7 meters; gravity correction not applied, —1.76 mm.]

MAY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	59.37	57.24	24.5	----	92	----	Calm	NE 1	10	4	------
2	58.97	57.57	25.5	31.5	84	60	Calm	E 2	6	9	0.8
3	58.09	57.29	25.6	24.5	92	92	Calm	Calm	10	10	78
4	57.98	57.22	24.5	28	96	82	Calm	NE 2	10	10	6.1
5	58.51	57.06	24.5	30	96	68	Calm	NE 2	10	8	33.8
6	58.19	57.19	26	28.2	92	83	Calm	NE 1	10	10	2.3
7	57.89	56.65	26	29.5	92	75	Calm	NE 1	10	10	.5
8	59.19	58.33	26	26.3	96	90	Calm	Calm	10	10	24.1
9	59.47	58.69	26	30.5	90	68	Calm	NE 1	10	8	1.8
10	59.30	57.83	26	29.5	92	73	Calm	NE 2	10	10	9.4
11	58.55	56.99	25.4	29.9	94	71	Calm	E 2	10	10	.8
12	58.87	57.28	25.7	28.5	88	81	Calm	E 1	10	10	.5
13	58.91	57.19	25.5	29.2	93	73	Calm	Calm	10	10	.8
14	57.87	56.35	24	28	93	79	Calm	Calm	10	10	4.3
15	57.46	56.14	24.6	29.2	90	73	Calm	NE 1	10	10	.5
16	58.87	58.62	24.9	31.2	87	68	Calm	NE 1	10	9	1
17	60.04	58.54	24.2	32.2	94	57	Calm	NE 1	8	9	.3
18	59.58	57.62	25	31.5	92	66	Calm	NE 1	8	4	1.8
19	58.75	56.85	25.5	30	92	75	Calm	NE 2	8	6	.8
20	58.68	57.19	25.5	32	88	68	Calm	Calm	8	8	------
21	58.56	56.71	25	32.2	88	66	Calm	E 1	7	6	------
22	58.12	57.07	24.1	30	88	75	Calm	E 1	10	10	1.8
23	58.69	57.33	25.5	31	92	62	Calm	Calm	4	4	1.5
24	59.06	57.33	26	30.5	96	72	Calm	E 2	10	4	7.6
25	58.05	57.01	25.5	30	94	78	Calm	NE 1	8	8	------
26	57.75	56.49	26.5	29.5	92	75	Calm	NE 1	10	10	.3
27	57.52	55.11	26	29	96	78	Calm	NE 2	10	7	5.6
28	56.97	56.09	26.5	29.5	86	75	Calm	Calm	10	10	------
29	57.28	55.50	26	30.2	95	73	Calm	NE 2	10	10	------
30	58.43	56.99	25.2	30.5	88	78	Calm	W 1	10	10	------
31	58.10	57.10	24.5	31.5	92	63	Calm	NE 1	10	10	------
Mean	58.49	57.12	25.3	29.8	91.6	73.2	0	1.1	9.3	8.5	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	----	----	184.4

JUNE.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	57.92	56.81	24	29.5	91	64	Calm	Calm	10	7	------
2	57.47	56.53	24.7	30	89	75	Calm	Calm	10	10	------
3	57.52	55.837	25	31.5	83	60	Calm	NE 1	10	10	------
4	57.36	56.07	26	31.2	88	64	Calm	Calm	10	10	1
5	57.78	56.08	25.5	31	92	69	Calm	NE 1	10	10	27.4
6	57.61	55.88	25.3	31.5	93	69	Calm	NE 1	10	8	3
7	56.96	55.37	25	30.8	92	70	Calm	NE 1	10	8	------
8	56.23	54.67	26	31	89	69	Calm	E 1	10	10	6.1
9	55.80	54.39	24	30.5	97	74	Calm	E 2	10	10	------
10	56.79	54.96	24.9	29.6	92	74	Calm	NE 1	10	10	4.4
11	55.81	54.35	24.5	29	90	79	Calm	Calm	10	10	2
12	54.28	52.63	24.8	28.5	95	85	Calm	Calm	10	10	34.3
13	53.63	53.73	24.3	26.5	93	90	Calm	Calm	10	10	12.7
14	54.78	55.47	24.5	28.7	96	80	Calm	Calm	10	10	6.9
15	55.42	54.77	25	29.5	96	78	Calm	Calm	10	10	------
16	54.93	53.57	25.7	31.2	92	73	Calm	Calm	10	10	------
17	55.50	54.27	25.5	30.7	92	74	Calm	Calm	10	10	------
18	56.78	55.89	25.5	29.5	88	75	Calm	NW 2	10	10	5.6
19	57.61	55.89	24.5	31	96	70	Calm	Calm	10	10	6.1
20	57.37	56.18	24	30	96	73	Calm	Calm	10	10	2.3
21	56.96	55.87	25	28.7	92	73	Calm	Calm	10	10	1.3
22	57.52	56.84	23.8	29.1	93	74	Calm	Calm	10	10	------
23	58.87	57.89	24.1	30	91	75	Calm	E 1	10	10	.5
24	59.84	58.56	23.2	30	88	66	Calm	Calm	10	10	------
25	60.49	58.82	24.5	30	89	75	Calm	Calm	10	10	.5
26	60.35	57.69	24.5	32	96	67	Calm	E 2	10	10	------
27	59.23	57.75	23.3	31	91	72	Calm	NE 1	10	8	.8
28	58.98	57.39	23.6	30.7	90	70	Calm	NW 2	10	10	12.4
29	59.65	59.34	23.5	27.2	96	84	Calm	Calm	10	10	32.8
30	59.61	57.77	23.7	28	95	77	Calm	Calm	10	10	8.1
31	-----	-----	-----	-----	-----	-----	-----	Calm	----	----	------
Mean	57.30	56.04	24.6	29.9	92	73.3	0	0.5	10	9.7	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	----	----	168.2

JULY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	58.24	56.93	22.2	30.9	96	69	Calm	NE 1	10	9	37.8
2	58.92	58	23.4	27.5	96	81	Calm	Calm	10	10	17.3
3	58.41	57.09	25	30.2	96	68	Calm	NE 1	10	10	48.3
4	57.32	57.03	25	28.4	88	77	ESE 2	NW 1	10	10	6.4
5	58.82	57.99	23.5	30.8	96	70	Calm	Calm	10	10	------
6	59.01	58.77	24.5	29.5	92	75	Calm	NW 1	10	10	------
7	59.85	58.55	24	31	91	62	Calm	NE 1	10	4	19.8
8	59.34	57.29	24.4	29	93	76	Calm	E 1	10	10	1
9	59.08	57.27	23	31.3	96	71	Calm	NE 1	10	9	1.5
10	59.30	58.10	24.5	30	92	75	Calm	E 2	3	8	5.1
11	59.48	58.49	24.7	31	94	72	Calm	E 1	10	6	6.6
12	59.23	58.32	24.8	27	93	88	Calm	Calm	10	10	9.2
13	59.64	58.68	25	30.7	92	71	Calm	NE 1	10	10	34
14	59	58.15	25	26.1	98	90	Calm	Calm	10	10	8.7
15	58.71	57.94	23.1	29.7	97	77	Calm	NE 1	10	10	------
16	58.36	57.18	25	30	92	72	Calm	Calm	10	10	32.3
17	57.87	56.74	24.1	30.6	95	74	Calm	NE 2	10	10	5.4
18	57.91	57.26	24	29.6	91	74	Calm	NE 1	10	10	20.6
19	58.02	56.79	24	29.2	91	75	Calm	NE 1	10	10	3
20	58.06	56.19	24.6	31.1	94	66	Calm	NE 1	10	8	2
21	58.12	56.19	23.5	29.8	92	74	Calm	NW 1	8	9	------
22	56.91	55.67	23.5	29.5	91	78	Calm	W 1	6	8	------
23	56.02	54.44	23.5	28	92	80	Calm	E 1	8	10	------
24	55.98	55.19	25	30.7	93	74	Calm	WNW 2	10	10	.5
25	57.55	55.79	24	31.1	91	73	Calm	NW 3	10	8	------
26	56.90	55.81	26	27.5	94	89	Calm	NW 3	10	10	.8
27	56.57	55.23	25.2	31.3	94	67	Calm	NE 1	10	7	------
28	56.46	56.36	25.5	28.1	88	79	Calm	SE 1	7	10	------
29	56.36	55.83	26	30.8	80	70	Calm	WNW 1	3	10	------
30	57.02	55.67	25.5	32.5	83	62	Calm	NE 1	3	10	------
31	57.40	55.27	23.6	32	93	60	Calm	NE 1	6	7	10.7
Mean	58.06	56.91	24.4	29.8	92.4	73.8	0.1	1.1	8.8	9.1	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	----	----	271

AUGUST.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	58.11	57.09	24.3	31.5	93	72	Calm	SE 1	10	8	1
2	58.36	56.90	24.7	31	90	69	Calm	NW 2	10	10	.5
3	58.67	57.76	24.2	29	94	81	Calm	NW 4	10	10	------
4	59.11	57.83	24.5	31	94	65	Calm	NW 3	10	9	------
5	58.70	57.32	24.8	29.5	93	81	Calm	Calm	10	10	------
6	58.32	56.73	25	32	92	63	Calm	Calm	10	10	------
7	58.61	57.42	24	31.1	91	65	Calm	Calm	10	10	------
8	59.02	57.19	22.8	31.5	93	59	Calm	NW 1	7	10	------
9	57.31	55.71	23.1	33	90	59	Calm	NW 1	10	10	------
10	55.01	54.68	26.2	28.5	88	85	NE 1	W 1	8	10	.8
11	54.70	53.28	27	31.5	86	64	Calm	NE 1	10	10	5.8
12	54.58	54.02	24.5	30.2	96	73	Calm	Calm	10	10	1.8
13	54.56	54.17	25	31.5	96	68	Calm	Calm	10	10	------
14	56.69	57.07	25	28	92	81	Calm	W 1	10	10	2.3
15	59.02	58.58	23.3	31	96	71	Calm	NE 1	10	7	------
16	59.16	58.22	24.5	29.5	92	75	Calm	E 1	8	10	------
17	57.95	56.62	24	32.2	91	66	Calm	NE 1	10	8	------
18	57.80	56.07	25	33	90	54	Calm	NE 1	10	6	------
19	57.59	56.80	24.6	32	91	62	Calm	Calm	8	10	----
20	57.96	56.60	24.8	31.8	88	63	Calm	Calm	7	10	------
21	58.61	58.19	24.5	31	96	65	Calm	NW 1	8	8	------
22	59.95	58.11	23.7	30.2	90	67	Calm	Calm	7	10	------
23	59.06	56.88	26.5?	32	88?	58	NW 1	NW 1	7	10	------
24	57.73	56.62	23.5	31.7	91	69	Calm	NE 1	10	10	------
25	58.04	57.27	23.2	30.8	94	67	Calm	NE 2	10	8	------
26	59.16	58.35	24	32.7	90	56	Calm	NE 2	10	10	2.3
27	58.48	57.39	23.4	32	92	58	Calm	NE 2	10	10	41.9
28	58.37	56.93	24	31.3	97	64	Calm	NE 1	10	10	7.4
29	58	57.76	23.4	25.5	97	91	Calm	Calm	10	10	7.6
30	58.54	58.01	23	30.8	92	70	Calm	NW 1	7	7	------
31	59.58	58.35	23.5	32	87	61	Calm	NE 1	4	4	2.5
Mean	57.96	56.90	24.3	30.9	91.9	67.8	0.1	1	9.1	9.2	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	----	----	73.9

CALAPAN.

[ϕ=13° 25′ N; λ=121° 11′ E; barometer above sea, 7 meters; gravity correction not applied, —1.76 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	59.79	58.41	24.5	31.8	94	66	Calm	NE 1	10	10	17.8
2	58.51	56.62	23.4	30.8	94	69	Calm	NE 1	10	10	------
3	55.93	54.47	23.3	31	93	65	Calm	Calm	10	10	------
4	54.69	54.29	25.5	30.1	84	69	Calm	Calm	10	10	10.4
5	56.62	55.83	23.6	30.6	95	68	Calm	NW 1	10	10	.5
6	57.71	56.99	23	24.8	90	93	Calm	Calm	10	10	33.8
7	58.24	56.34	23.2	31.6	92	67	Calm	NE 1	10	9	22.6
8	58.93	57.64	24	31.3	92	67	Calm	E 2	10	10	.8
9	58.28	56.26	23.5	31.1	92	69	Calm	E 2	10	6	1.8
10	58.11	56.44	24.2	28.5	91	74	Calm	Calm	9	10	36.8
11	58.37	56.99	24	30	96	74	Calm	NE 1	8	10	1.3
12	59.40	59.16	24	27.5	94	90	Calm	Calm	10	10	6.6
13	58.43	57.04	23.5	30.6	96	68	Calm	NE 1	10	10	7.1
14	57.07	55.46	23	27	96	80	Calm	NW 1	10	10	11.7
15	56.22	56.06	23.2	27.2	96	87	Calm	Calm	10	10	1.8
16	57.62	56.58	23.5	25	96	90	Calm	Calm	10	10	62
17	58	56.24	23.5	28.5	97	78	Calm	NE 1	10	10	.5
18	56.16	55.72	22.3	29	94	79	Calm	NW 2	8	10	------
19	56.48	55.71	22.5	30.5	91	71	Calm	NW 1	10	10	------
20	57.33	56.19	23.5	30.2	96	77	Calm	NW 3	8	8	------
21	55.88	54.64	23	31	91	75	Calm	NW 3	10	10	------
22	55.19	53.22	25.5	29.6	88	79	NW 1	NW 2	10	10	30.5
23	54.10	52.06	23	29	98	76	Calm	Calm	10	10	35.6
24	53.05	51.70	24	28	99	85	Calm	NW 1	10	10	4.3
25	53.02	52.09	25	28.6	92	76	Calm	Calm	10	10	2.8
26	54.97	54.40	23.5	27.5	96	79	Calm	Calm	10	10	7.1
27	57.31	56.12	25	30	92	70	W 1	SE 1	10	10	------
28	56.83	55.76	23	30	96	73	Calm	NW 4	10	10	.8
29	56.41	55.54	24	29.2	96	73	Calm	Calm	10	10	.6
30	57.02	56.72	23	27.5	96	84	Calm	Calm	10	10	10.7
31	------	------	------	------	------	------	------	------	------	------	------
Mean	56.86	55.69	23.7	29.2	93.8	75.7	0.1	1	9.8	9.8	------
Total	------	------	------	------	------	------	------	------	------	------	307.8

OCTOBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	58.79	57.04	23.3	30	95	75	Calm	NE 1	3	7	6.6
2	59.16	57.29	24.2	30.6	94	71	Calm	Calm	10	10	------
3	58.38	57.52	23	29.1	96	77	Calm	Calm	10	10	1.5
4	58.61	57.44	24.5	29	96	75	Calm	NE 1	10	10	.8
5	59.27	57.49	23.6	29.5	95	71	Calm	Calm	10	10	1.6
6	58.73	56.38	24.6	29.8	91	77	Calm	NE 1	7	10	6.1
7	58.21	56.56	22.6	30.5	91	70	Calm	NE 1	10	9	------
8	58.99	57.34	23.6	29.5	90	68	Calm	Calm	10	10	2
9	58.68	57.73	23.3	25	93	83	Calm	NW 1	10	10	2.1
10	59.70	58.32	23.5	30.5	94	65	Calm	Calm	10	10	------
11	59.34	57.64	22.6	31.5	89	66	Calm	NE 1	10	8	2
12	58.81	57.01	24.3	30.5	97	70	Calm	NE 1	10	8	------
13	58.79	57.79	24.5	30.4	94	72	Calm	Calm	10	10	------
14	58.43	57.63	26.5	29.5	86	71	Calm	NE 1	10	10	3.8
15	57.12	55.88	26.2	31	82	65	NE 1	NE 1	10	9	1.5
16	57.20	55.18	23.5	29.3	96	77	Calm	NW 1	10	10	3.8
17	57.61	56.04	23.8	25.9	95	94	Calm	Calm	10	10	36
18	58.62	56.76	23.8	29.5	93	80	Calm	NE 1	10	10	2.5
19	57.95	55.89	25.4	31	93	71	Calm	NE 2	10	8	7.9
20	57.39	56.13	24.8	30.6	93	70	Calm	E 3	6	6	7.1
21	58.49	57.77	25	30.1	97	75	Calm	NE 1	10	10	24.6
22	58.69	57.02	26	29.5	92	75	NE 1	NE 2	10	10	5.1
23	58.56	56.44	25.7	29	93	78	Calm	NE 1	10	10	15.2
24	59.14	57.75	25	31	96	73	Calm	Calm	10	10	31.7
25	59.44	58.29	25.5	30.5	94	72	E 1	E 3	10	4	59.4
26	61.40	59.38	24.5	30.5	88	71	Calm	NE 1	9	10	15
27	60.13	58.36	25	28.8	96	76	Calm	NE 2	10	10	6.1
28	58.99	57.29	26.2	29	88	78	Calm	NE 1	8	10	7.9
29	59.34	58.65	25	30.4	96	72	Calm	NE 1	10	10	------
30	60.18	57.90	24.5	30.6	92	72	Calm	NE 1	10	10	3.6
31	58.49	56.69	24.5	30.2	93	71	Calm	NE 2	10	10	2
Mean	58.79	57.25	24.5	29.8	92.8	73.6	0.1	1	9.5	9.3	------
Total	------	------	------	------	------	------	------	------	------	------	255.9

NOVEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	56.65	55.56	26	30.5	85	70	NE 1	NE 2	10	8	29.2
2	57.16	55.34	23.5	30.8	97	72	Calm	NE 2	10	10	18.3
3	58.31	56.43	23.5	31.2	96	64	Calm	NE 1	10	4	.3
4	58.55	56.17	24.5	32.5	92	60	Calm	E 1	10	4	------
5	57.96	56.27	22.5	31.5	89	57	Calm	NE 1	7	4	------
6	57.13	55.52	22.8	31.7	89	62	Calm	NW 1	8	4	8.9
7	57.03	55.42	23	29.5	93	75	Calm	NW 2	9	9	------
8	56.98	56.38	23.1	30	88	66	Calm	NW 1	8	6	------
9	57.93	57.31	22.2	30.9	94	66	Calm	NE 1	10	8	.3
10	58.97	57.82	23.6	27	90	77	Calm	NE 2	10	10	1.6
11	58.91	57.78	25.5	30.5	85	62	Calm	NE 2	10	8	5.1
12	59.27	58.62	25.5	25	84	88	Calm	NE 1	10	10	10.1
13	60.73	59.06	26	27.5	80	74	NE 1	NE 2	10	10	19.6
14	59.80	57.90	25.8	29.4	75	72	NE 2	NE 2	10	6	5.6
15	57.51	55.83	24.5	29	96	71	Calm	NW 1	8	10	11.9
16	56.88	54.38	24.1	28	93	73	Calm	NW 2	10	10	------
17	56.56	54.82	22.6	30.4	95	69	Calm	NE 1	10	8	------
18	58.01	56.46	23.1	30.2	95	74	Calm	Calm	10	10	------
19	58.67	57.03	24	28	91	81	Calm	Calm	10	10	45.7
20	58.37	56.81	24	28	96	85	Calm	NE 2	10	10	47.8
21	58.87	57.54	24	28.1	94	80	Calm	NE 1	10	10	12.7
22	58.87	57.34	24	29	96	79	Calm	Calm	10	10	8.6
23	58.34	57.02	23	28.2	87	82	Calm	NE 2	10	10	------
24	58.54	56.72	23.5	30	91	66	Calm	NE 1	10	8	5.1
25	58.15	56.18	24	29	96	70	Calm	Calm	8	10	------
26	56.41	55.06	23.5	27.5	96	77	Calm	Calm	9	10	14.5
27	56.17	54.34	23	31	96	59	Calm	NW 1	10	8	------
28	56.52	55.07	23.5	29	96	76	Calm	Calm	8	10	7.4
29	56.86	55.62	25.7?	29.7	79?	63	NE 1	Calm	10	9	------
30	58.91	57.38	25	30.8	68?	76	NE 1	NE 2	10	10	------
31	------	------	------	------	------	------	------	------	------	------	------
Mean	57.97	56.44	24	29.5	90.1	71.5	0.2	1.1	9.5	8.5	------
Total	------	------	------	------	------	------	------	------	------	------	252.7

DECEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	59.22	56.99	21.5	27.5	88	64	Calm	Calm	8	10	0.5
2	57.43	56.42	23.5	28	83	73	Calm	Calm	10	10	.8
3	57.87	57.34	24	27	97	80	Calm	NE 1	10	10	11.9
4	59.07	56.72	23.7	30	96	67	Calm	E 1	10	9	4.1
5	57.76	56.54	24.5	28	96	77	Calm	NE 1	10	9	18.6
6	57.62	56.64	24	28	92	79	Calm	NE 1	10	10	.6
7	57.58	56.35	22.8	29.2	83	73	Calm	NE 1	10	8	1.8
8	57.21	55.84	25.2	28.8	90	77	Calm	E 1	10	10	.3
9	57.74	56.32	25.5	29	91	72	Calm	NE 1	10	9	26.2
10	58.03	56.67	23.5	30.1	96	74	Calm	NE 2	9	8	5.8
11	58.75	57.09	25	30.6	96	67	Calm	NE 1	9	8	1
12	58.41	56.63	24	29.5	96	68	Calm	Calm	10	10	33.6
13	58.27	56.62	24	30	97	71	Calm	Calm	10	6	------
14	57.89	56.12	25.5	30	89	73	NE 1	E 1	10	10	------
15	57.12	55.74	26	26.1	90	87	Calm	E 2	10	10	5.6
16	57.09	55.32	26	28.7	84	76	NE 1	NE 1	10	10	36.8
17	56.99	55.32	25.5	29	97	71	Calm	Calm	10	10	11.4
18	57.67	54.97	26	30.1	88	61	NE 1	NE 1	10	8	79.5
19	57	54.89	24.7	30.3	94	71	Calm	NE 1	10	8	8.6
20	57.49	56.02	25	30.5	92	72	Calm	NE 1	8	8	.8
21	58.81	56.32	24.5	30	92	72	Calm	E 1	10	6	4
22	57.93	56.32	24	30	96	71	Calm	NE 1	8	8	------
23	57.91	56.03	24.4	27.8	92	75	Calm	NE 1	10	10	1.8
24	58.08	56.44	24	30.6	93	62	Calm	Calm	10	8	2
25	58.93	57.54	25	29	95	74	Calm	NE 1	8	9	------
26	58.12	56.43	23.6	27	95	78	Calm	NE 2	10	10	.5
27	57.25	56.69	25.5	25.8	92	84	NE 1	NE 3	10	10	19.6
28	59.12	57.86	24	24.5	87	82	NE 3	NE 4	10	10	1.5
29	58.08	56.79	25.5?	25.3	77?	85	NE 2	NE 1	10	10	9.9
30	57.11	56.16	25.4	26.5	84	82	NE 1	Calm	10	10	2
31	58.73	56.47	24.1	28.5	91	74	Calm	NE 1	10	6	9.9
Mean	57.94	56.37	24.5	28.6	91.3	73.9	0.3	1	9.7	9	------
Total	------	------	------	------	------	------	------	------	------	------	304.1

VIRAC.

[ϕ=13° 35′ N; λ=124° 14′ E; barometer above sea, 5.63 meters; gravity correction not applied, —1.76 mm.]

JANUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	-----	-----	25.8	26.7	92	91	NE 2	NE 4	10	10	17.5
2	-----	-----	26	29.1	92	83	ESE 3	SE 2	10	10	1.3
3	-----	-----	26.4	30.4	90	73	SSE 3	S 3	10	6	-----
4	-----	-----	25	31.3	93	71	E 1	SE 3	5	6	22.6
5	-----	-----	25.2	31.5	95	72	E 2	SE 3	10	4	2.8
6	-----	-----	24.4	28.8	95	79	E 2	SE 3	10	9	8.9
7	-----	-----	25.2	31	95	72	E 2	E 3	7	6	5.6
8	-----	-----	25.6	32	95	69	ESE 2	SE 2	7	6	3.3
9	-----	-----	25.6	30.2	92	73	E 2	ESE 3	4	7	2.5
10	-----	-----	24.4	31.5	91	68	NW 1	E 2	6	9	6.6
11	-----	-----	24.5	29	96	78	NW 1	E 3	5	10	16.8
12	-----	-----	23.9	28.4	97	83	NNW 1	ESE 3	5	10	7.9
13	-----	-----	25.4	29.5	95	77	ESE 3	E 3	10	10	11.9
14	-----	-----	24.5	27	97	87	E 2	ENE 4	10	10	51.1
15	-----	-----	26.3	26.4	96	90	E 3	ESE 3	10	10	65.5
16	-----	-----	24.1	24.5	97	92	ENE 4	NE 5	10	10	3.6
17	-----	-----	23	25	95	87	NNE 5	NE 5	9	10	-----
18	-----	-----	22.8	26.4	88	84	N 2	N 3	6	10	-----
19	-----	-----	22.5	26.4	94	81	NNW 3	N 6	10	10	-----
20	-----	-----	23.2	27	91	78	N 4	NE 4	9	10	-----
21	-----	-----	24.3	29	91	82	NW 1	NE 2	10	10	4.6
22	-----	-----	24.1	28.3	97	84	NNW 1	ENE 1	10	10	7.2
23	-----	-----	24	31.4	98	73	ESE 2	E 2	10	9	5.6
24	-----	-----	25	28	92	77	NW 1	SE 3	10	7	-----
25	-----	-----	25	29	93	83	E 2	E 3	8	9	17.2
26	-----	-----	24.9	26.2	92	90	E 2	E 3	7	10	23.6
27	-----	-----	25.4	28	95	85	E 3	ESE 3	10	10	3.8
28	-----	-----	26	28.6	92	82	E 2	E 3	8	10	62.2
29	-----	-----	23.6	25.3	97	91	NE 3	ENE 3	10	10	6.9
30	-----	-----	25	28.3	90	82	NE 1	SE 2	10	9	13.2
31	-----	-----	23.3	30.1	99	75	NNW 1	SE 2	5	6	1
Mean	-----	-----	24.7	28.5	93.9	80.4	2.2	3	8.4	8.8	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	373.2

FEBRUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	-----	-----	24	28.8	98	82	NE 1	ENE 2	10	10	4.6
2	-----	-----	24.5	30.2	96	75	ENE 1	SE 3	10	7	-----
3	-----	-----	23.6	31.3	98	73	NW 1	SSE 2	3	2	.3
4	-----	-----	23.5	31.2	97	75	NNW 1	S 2	2	3	-----
5	-----	-----	23.8	30.4	97	70	NW 1	SW 3	4	4	-----
6	-----	-----	22.5	31	99	69	N 1	SE 2	3	3	-----
7	-----	-----	20.5	31	99	71	N 1	SE 2	1	3	-----
8	-----	-----	20.2	31.3	98	70	NW 1	SW 1	2	1	-----
9	-----	-----	17	30.9	100?	69	Calm	S 2	0	3	-----
10	-----	-----	20.2	30.1	98	71	NW 1	SE 2	4	4	-----
11	-----	-----	21.5	30.6	97	67	N 1	ESE 2	5	8	-----
12	-----	-----	25.8	30.5	90	72	E 3	SE 3	7	5	-----
13	-----	-----	25.4	31.1	93	70	E 2	ESE 3	9	5	-----
14	-----	-----	21.8	26	96	90	WNW 1	WSW 2	4	9	16.5
15	-----	-----	24	29.7	91	75	E 2	E 3	8	7	16.5
16	60.09	58.86	23.7	31	97	72	NW 1	E 3	7	9	59.4
17	59.75	58.33	25	31.4	93	68	ESE 2	E 3	10	10	.5
18	58.60	57.15	26.2	27	90	90	E 2	E 3	9	10	3.8
19	57.44	55.88	24.6	28.4	95	83	NW 1	E 3	10	10	23.1
20	57.53	56.75	25.4	25.5	95	96	ESE 2	ESE 3	10	10	65.6
21	57.76	56.87	25.5	28.7	93	78	E 2	ESE 3	10	10	.3
22	58.16	57.12	26.2	31.3	89	65	ESE 2	E 2	10	6	.5
23	58.34	57.41	24	31.2	97	67	NW 1	SE 3	9	5	-----
24	58.40	57.30	22	31	96	73	NNW 1	SE 4	4	5	-----
25	59.04	57.46	21.5	30.4	97	74	N 1	ESE 3	6	9	-----
26	58.30	57.25	22.5	30.3	94	74	NW 2	N 2	10	8	-----
27	57.84	56.56	23.2	32.6	93	63	NNW 1	E 3	5	9	-----
28	57.97	56.63	24.8	29.4	92	75	WNW 2	NE 2	7	8	4.5
29	57.47	57.25	25.5	26.2	93	90	NNE 1	NW 1	10	10	9.9
Mean	58.34	57.20	23.4	29.9	95.2	74.7	1.3	2.5	6.5	6.7	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	205.5

MARCH.[a]

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	58.51	59.29	26	27.9	89	85	NE 2	NE 2	10	10	-----
2	60.01	59.76	23.7	25.2	94	85	NE 3	NE 3	10	10	-----
3	60.27	59.37	24.7	29.3	91	76	NE 4	E 3	10	10	4.8
4	60.77	60.31	24.6	23.6	93	95	E 3	E 1	10	10	43.2
5	60.45	58.73	22	28	95	77	NW 1	SW 1	10	10	4.1
6	58.60	57.30	24	29.6	93	72	NW 1	ESE 3	10	10	13.5
7	57.92	57.20	24	29	93	71	NNW 1	SE 3	10	4	5.6
8	58.59	57.75	25.1	30.3	88	67	WNW 1	SSE 3	10	4	3
9	59.64	58.55	21.4	30.3	91	75	NW 1	NE 2	8	7	1.6
10	59	57.67	21.8	30	93	67	N 1	SE 2	3	9	-----
11	58.70	57.37	21.7	29.7	90	67	NW 1	SE 3	5	7	.8
12	59.66	58.35	25	29	88	72	NE 1	E 3	9	8	21.4
13	60.16	59.33	25	31	92	61	E 2	ESE 3	10	3	1
14	59.80	58.27	22.5	30.8	92	64	NW 1	ESE 3	5	7	-----
15	59.90	57.79	22.5	30.4	89	60	NW 1	ESE 3	6	10	2
16	59.54	57 59?	24	31	88	56	ESE 3	ESE 3	10	8	1
17	60	59.58	26.3	23.8	82	68	ENE 2	ESE 4	7	10	-----
18	60	58.81	25.5	31	80	61	E 2	SE 3	7	5	-----
19	60.05	58.67	25.2	31.5	79	60	ESE 2	ESE 4	4	5	1
20	59.33	58.77	26.4	31.5	86	59	ESE 3	SE 2	10	8	.3
21	59.56	59.16	26	31.1	84	61	E 2	E 3	7	4	-----
22	60.61	59.54	24.2	30.9	85	69	NW 1	ESE 3	4	9	-----
23	61.05	60.08	21.3	32.3	87	54	NW 1	SE 3	10	3	3
24	61.80	61.31	25.3	30.5	81	58	ESE 3	NE 2	6	10	-----
25	62.40	60.84	25	30.5	80	56	NE 2	SE 4	10	4	-----
26	62.09	60.47	24.8	31.1	79	59	NW 1	SE 4	6	4	.3
27	61.53	60.13	26.2	30.3	84	63	E 2	SE 3	6	6	3.3
28	60.80	59.39	25.3	31	86	63	E 2	SE 3	7	3	-----
29	59.89	58.25	25.7	31	80	59	NNW 1	SE 3	4	5	-----
30	59.41	57.75	25	32.8	87	57	NE 1	SE 3	7	4	3.6
31	58.62	57.31	23.3	30.3	89	61	NW 1	SE 3	6	9	-----
Mean	59.92	58.86	24.5	30	87.4	66.4	1.7	2.8	7.6	7	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	113.5

APRIL.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	57.59	56.70	21.5	29.6	92	67	WNW 1	SSE 3	10	9	-----
2	58.09	57.65	21.5	30.5	95	62	NW 1	SW 3	9	7	-----
3	60.06	58.96	24.4	30	90	71	NE 1	S 3	7	8	-----
4	60.67	59.18	23	30.4	91	68	SW 2	S 3	10	6	-----
5	60.95	60.29	24.1	26	91	84	NNE 2	SE 3	10	10	5.6
6	61.76	61.06	25.8?	29.3	79?	69	E 2	E 3	9	9	4.1
7	62.67	61.95	25.5	29	84	69	ESE 3	E 3	9	9	.8
8	63.22	60.54	25.5	28.8	88	73	SE 3	E 3	10	9	8.1
9	60.75	60.14	26	30	85	69	ESE 4	ESE 4	6	7	5.8
10	60.85	60.08	23.2	31	93	65	NNW 1	SE 3	4	4	1.5
11	60.49	59.69	25.8	30.2	87	64	ESE 3	SE 4	10	4	3
12	60.36	59.54	26.5?	30.6	82?	70	ENE 2	SE 4	9	8	4.6
13	60.68	59.72	26	30.9	87	66	NE 2	SE 3	8	4	2.3
14	60.11	59.27	26	30.4	85	69	E 2	ESE 3	7	5	1.5
15	59.34	57.96	22.5	30.7	96	61	NW 1	ESE 3	6	7	-----
16	58.36	57.44	23.5	28.5	90	84	NW 1	SE 3	10	10	1.1
17	55.49	52.81	27.6?	27.1	80?	79	NE 3	NNE 4	10	10	26.3
18	52.22	52.66	25.5	28.4	83	79	NNW 5	WNW 5	10	10	4.1
19	55.14	55.43	24.5	29	94	76	NW 2	W 4	10	9	1.3
20	56.42	55.18	23	31.7	97	64	NW 1	W 3	2	6	-----
21	56.35	55.32	22.7	31.5	97	63	N 1	W 2	3	5	-----
22	56.99	55.47	22.4	31.7	95	68	NW 1	SE 3	4	2	-----
23	56.71	55.67	22.1	29.5	99	75	NW 1	SE 2	1	5	-----
24	57.20	55.78	23.4	30	97	74	WNW 1	SE 3	4	3	-----
25	57.72	56.79	23.5	30.5	96	70	NNW 1	SE 3	3	4	-----
26	58.55	58.27	23.6	26.3	95	91	W 1	N 1	2	9	17.5
27	58.22	57.67	23.3	29.3	96	77	WNW 1	E 3	1	6	16.3
28	58.49	57.61	24	27.5	97	90	WNW 1	NNE 1	7	8	7.4
29	58.78	57.53	25.1	30.1	94	80	NE 1	SE 2	10	7	6.7
30	58.74	58.09	24.6	30.9	95	70	W 1	SE 3	5	6	1
Mean	58.77	57.81	24.2	29.0	91	72.2	1.7	3	6.9	6.9	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	119

NOTE.—No barometric observation was made on January 1 to February 15 as the barometer of this section was destroyed by a typhoon on October 22–23, 1915.

[a] The temperatures at 6 a. m. from 16 to 31 do not seem to be reliable.

VIRAC.

[ϕ=18° 35′ N; λ=124° 14′ E; barometer above sea, 5.63 meters; gravity correction not applied, —1.76 mm.]

MAY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.		Wind, direction and force (0–12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*					*0–10.*	*0–10.*	*mm.*
1	58.87	57.20	24.4	29.6	97	85	W	1	W	2	6	7	1.8
2	57.53	56.12	25	32	92	63	NE	2	NE	3	6	10	18
3	55.82	55.57	a26.6	27.5	a90	91	NE	2	SW	2	10	10	24.4
4	56.92	57.22	a26.6	26.5	a87	93	ENE	3	ESE	2	10	10	18.5
5	57.10	56.72	a26.5	30	a90	77	E	2	ESE	3	10	9	27.2
6	57.16	56.42	27	30.3	89	78	E	3	SE	3	10	6	20.9
7	57.47	56.85	26.5	30.3	91	76	NE	3	ESE	3	8	4	27.9
8	59.12	58.22	26	30	92	74	E	2	E	3	10	4	14.4
9	59.70	58.94	25.7	30.1	96	77	NE	2	SE	3	9	8	8.6
10	59.10	57.87	26.2	29.3	92	81	NE	2	E	3	4	5	.3
11	58.93	57.17	24.3	30.5	97	74	NNE	1	S	2	4	3	------
12	58.92	57.47	23.5	29.6	99	72	N	1	SE	3	3	7	------
13	58.24	56.83	24.5	28.5	96	75	NNW	1	ESE	2	7	10	24.6
14	57.69	56.18	23.7	28.2	97	85	NW	1	SE	1	7	10	1.8
15	56.97	56.65	25	28.5	97	74	NW	1	SE	2	10	10	------
16	58.82	58.52	25	29.8	97	78	NW	1	SE	3	9	8	1.5
17	59.75	58.99	a26.8	30.8	a87	69	NE	2	SE	3	9	4	3
18	59.38	57.87	24.5	29.7	97	80	W	2	S	2	4	5	9.4
19	58.29	56.89	25	30.5	97	78	S	2	S	2	7	4	15.7
20	58.47	57.55	26.5	30.5	90	76	NE	2	SSE	2	7	3	------
21	58.13	57.37	24.5	30.6	97	77	W	1	SE	3	8	8	------
22	57.85	57.40	a27	27.8	a89	91	NE	2	ENE	3	4	10	18.8
23	58.22	57.18	23.7	30.8	99	73	WNW	2	SE	3	4	7	.5
24	58.08	57.13	24.2	32.2	98	71	WNW	1	SE	3	9	9	13.2
25	57.74	56.68	27.1	30.5	90	79	NE	2	E	3	5	7	5.8
26	56.62	56.54	27.2	29	90	83	E	3	ESE	3	10	10	16.2
27	57.82	56.13	25.5	29.8	96	79	ENE	3	SE	2	10	6	4.6
28	56.46	56.05	24.5	30.3	97	79	NW	1	ESE	3	3	6	------
29	56.99	55.73	24	30.5	98	78	WNW	1	SE	3	4	2	------
30	58.03	56.77	23	30.3	97	76	NW	1	S	2	2	10	------
31	57.97	57.29	23.6	29.7	98	76	W	1	S	2	10	9	------
Mean	58.01	57.08	25.3	29.8	94.2	78	1.7		2.5		7.1	7.1	------
Total	-----	-----	-----	-----	-----	-----	-------		-------		-----	-----	277.1

JUNE.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.		Wind, direction and force (0–12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*					*0–10.*	*0–10.*	*mm.*
1	57.79	57.07	22.5	30.8	99	72	NW	1	S	3	5	7	------
2	57.07	55.97	22.8	30	98	80	NW	1	S	2	3	8	------
3	57.08	56.18	24.7	30.9	97	72	W	1	S	1	10	9	6.1
4	57.41	56.39	25.2	31	97	76	NE	2	SSE	2	10	9	.8
5	57.37	56.11	25	31.5	97	74	E	3	ESE	3	10	7	------
6	56.42	55.33	23	30	95	74	W	1	SSE	2	9	10	------
7	56.49	55.28	23.6	30.2	93	77	SW	2	SW	3	10	9	10.9
8	56.12	55.18	26.5	30.4	96	77	WNW	2	SE	3	10	9	14.3
9	56.27	55.23	24.7	30.5	94	75	NW	1	ESE	2	10	10	8.1
10	56.58	55.50	25.8	30.6	93	76	WNW	1	SSE	2	10	10	.5
11	56.10	54.17	26.3	29.4	94	82	SW	2	S	2	10	9	1.5
12	54.76	52.90	25	30	92	77	W	1	WSW	2	10	9	16
13	54.53	53.91	25.9	28	91	85	W	1	WSW	3	10	10	3
14	55.01	54.97	25.8	29.5	90	77	WNW	2	W	3	10	10	.5
15	55.11	54.29	25.5	30.9	88	74	WSW	1	SW	3	10	9	------
16	55.01	54.18	26	31	90	73	W	1	S	2	8	10	------
17	55.56	54.85	25.7	30.7	94	72	WNW	2	SSE	2	10	10	7.4
18	56.90	55.85	25.4	30.3	95	72	NW	1	SE	2	10	8	9.1
19	57.53	56.33	25.9?	29.4	91?	76	NE	1	SE	2	10	6	------
20	57.46	56.14	25.4	30.3	97	76	W	1	S	2	10	10	------
21	56.77	55.98	25.6	30.7	93	75	WNW	1	SSE	2	10	8	5.8
22	57.97	57.18	24.1	30	97	74	W	1	W	3	10	10	.5
23	58.60	58.62	23.6	27.2	95	89	WNW	1	NE	1	10	10	13
24	59.18	58.23	24	29.5	97	76	N	1	E	2	8	8	4.6
25	60.20	58.99	24.5	30.7	96	70	N	1	SSE	3	9	6	------
26	59.62	58.13	25.4	30.6	95	74	NW	1	S	3	8	4	1
27	59.01	57.48	25	30.5	93	74	WNW	1	S	3	5	7	------
28	59.09	58.	24.7	31	96	75	WNW	1	SE	3	10	7	11.9
29	59.28	58.13	25	29.8	97	73	NE	1	ESE	2	10	8	22.6
30	59.54	57.83	26.2	29.5	90	70	S	2	SE	2	9	7	------
31	-----	-----	-----	-----	-----	-----	-------		-------		-----	-----	------
Mean	57.19	56.15	25	30.2	94.3	75.6	1.3		2.3		9.1	8.5	------
Total	-----	-----	-----	-----	-----	-----	-------		-------		-----	-----	137.6

JULY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.		Wind, direction and force (0–12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*					*0–10.*	*0–10.*	*mm.*
1	58.17	57.85	25	27.2	90	83	W	1	E	3	5	10	3
2	58.32	57.25	23.6	28.7	95	74	NW	1	SSE	2	10	9	10.2
3	58.17	57.52	26.6?	27.6	83?	81	ENE	2	SE	3	6	9	10.9
4	58.06	57.83	27.6?	30	83?	75	SE	3	SSE	2	7	8	1.8
5	59.41	58.02	24.3	29.6	96	74	WNW	1	SE	2	10	10	24.1
6	59.50	58.33	24.5	30.1	96	68	W	1	SE	2	10	7	.8
7	59.59	58.47	24.4	29.9	93	73	WSW	1	ESE	3	6	6	3.3
8	59.02	58.15	24.5	30.8	96	72	W	1	SSE	2	5	4	------
9	58.94	58.14	24.4	30.6	93	70	NW	1	S	2	4	3	.8
10	59.21	58.13	25	31.5	93	65	WNW	1	E	3	6	5	14.5
11	59.37	58.54	24.4	31	97	67	WNW	1	SE	3	8	7	.8
12	58.94	58.01	25	31.5	93	66	ENE	1	ESE	3	10	6	3.6
13	59.12	58.23	24.7	31.6	97	66	WNW	1	E	3	8	5	2.8
14	58.64	58.57	26.7	30.8	90	65	ESE	3	ESE	3	10	9	3.5
15	59.15	58.13	25.8	30.1	92	71	NW	1	SE	2	7	8	16.5
16	58.47	57.16	24.4	29.9	97	72	NE	1	SE	3	10	8	52
17	58.03	56.49	23.9	29.6	97	74	WNW	1	SE	3	10	10	24.9
18	57.97	56.92	23.6	27.9	95	81	ENE	2	ENE	2	10	10	4.1
19	58.09	56.50	24	30.2	97	73	WNW	2	ESE	3	10	7	.3
20	57.53	56.32	24.5	29.5	96	81	WNW	1	NNW	2	6	10	1.8
21	57.42	56.13	24.1	31.3	96	66	WNW	2	ESE	2	7	6	------
22	56.51	55.52	24.4	32.5	97	58	WNW	2	S	3	4	5	------
23	55.83	54.34	25.1	31.6	96	68	WNW	1	W	3	3	7	------
24	55.53	55.15	26.1	33	91	62	W	3	SW	3	9	9	26.9
25	56.58	55.80	25.9	32.4	94	66	WNW	2	SSW	3	10	8	------
26	56.77	55.07	25.5	32.2	96	69	WNW	1	WSW	3	8	7	1.3
27	56.37	55.16	25.5	33	94	63	WNW	1	WSW	3	4	5	------
28	56.28	55.74	26?	31.3	92?	70	WSW	2	SSE	2	4	4	7.4
29	56.46	55.43	25.7	31.5	96	69	NW	1	SE	3	5	5	------
30	56.95	55.83	26	31.4	95	67	W	1	SE	2	6	7	------
31	57.47	55.71	25.5	32.5	94	67	W	2	E	3	8	8	2.5
Mean	57.93	56.92	25.1	30.7	94.1	70.2	1.5		2.6		7.3	7	------
Total	-----	-----	-----	-----	-----	-----	-------		-------		-----	-----	217.8

AUGUST.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.		Wind, direction and force (0–12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*					*0–10.*	*0–10.*	*mm.*
1	58.11	57.15	25.3	33.6	96	61	SSW	2	S	2	8	4	------
2	57.78	56.73	25.4	33.5	97	62	W	1	SSW	3	8	5	------
3	58.53	56.96	26	32.7	92	66	N	1	SSW	4	7	9	------
4	58.83	57.46	26	33	95	63	WNW	2	W	3	8	6	------
5	58.75	57.22	25.4	32.5	95	62	W	1	WSW	4	10	10	------
6	57.93	56.81	26.4	32.9	87	63	W	2	W	3	8	9	------
7	58.49	57.25	25.6	33.5	95	61	W	1	WSW	3	8	9	------
8	58.46	56.66	24.2	32.7	97	61	W	1	WSW	4	7	10	------
9	57	55.16	26.8?	31.6	81?	66	W	2	WSW	4	10	10	------
10	55.30	54.06	27.4	32.5	83	61	W	2	WSW	4	10	10	1.8
11	54.76	53.59	27.5	31.2	81	68	WSW	3	SW	4	10	9	------
12	54.87	53.75	26.6	32.4	84	62	WNW	2	SSW	4	10	10	------
13	54.80	54.82	28.4?	33.5	76?	58	SW	3	SSW	4	7	5	------
14	57.27	56.86	25.6	33	92	64	NW	1	SSE	3	7	3	.8
15	59.36	58.69	26.6	31.4	92	66	S	1	SE	3	10	4	.5
16	58.95	57.43	24.5	31.5	97	65	W	1	SE	3	5	6	------
17	57.69	55.97	26.5	32	88	63	WNW	2	WSW	3	8	8	------
18	57.65	56.10	26.3	33.2	83	60	WSW	2	SW	4	5	4	------
19	57.82	56.88	25.7	31	91	72	WSW	2	S	3	7	10	------
20	57.91	56.24	26.2	33.5	94	61	W	1	SSE	3	9	3	------
21	58.60	58.17	23	31.8	97	67	W	1	SE	3	6	5	8.6
22	59.67	58.28	24	31.6	96	66	W	1	SE	3	6	5	.5
23	59.02	57.54	24.5	31.5	96	65	N	1	ESE	3	7	9	22.6
24	58.04	57.02	24.5	31.1	97	69	NW	1	E	3	10	9	------
25	58.30	57.84	28	31.5	79	70	SSE	3	ESE	3	7	6	------
26	59.23	58.84	24.6	31	95	71	W	1	SE	3	10	10	2.8
27	58.28	57.38	24.2	32	97	69	WNW	1	ESE	3	8	7	16
28	57.76	56.69	23.6	28.7	98	83	WSW	1	SE	2	10	10	26.4
29	57.28	57.07	23.5	30.6	99	73	WNW	1	S	3	10	10	------
30	57.97	58.12	24	31.9	98	68	W	1	SE	3	4	5	------
31	59.44	58.78	23.5	30.9	96	72	W	1	SE	3	3	7	17.5
Mean	57.87	56.83	25.5	32.1	91.7	65.7	1.5		3.2		7.8	7.3	------
Total	-----	-----	-----	-----	-----	-----	-------		-------		-----	-----	97.5

These temperatures do not seem to be reliable.

VIRAC.

[$\phi = 13° 35'$ N; $\lambda = 124° 14'$ E; barometer above sea, 5.63 meters; gravity correction not applied, —1.76 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	59.65	58.15	23.9	29	97	79	W 2	S 2	10	10	7.9
2	57.53	55.55	24.6	29	95	78	W 2	WNW 2	10	10	1.1
3	55.25	54.36	25.7	29	91	78	WNW 2	WSW 3	10	10	4.4
4	55.71	54.71	24.7	30.6	94	72	W 3	SW 3	10	10	.8
5	56.64	56.95	27.7	30.6	87	74	S 4	SE 3	10	7	------
6	58.62	57.63	27.5?	29.5	82?	77	SE 4	E 3	10	10	------
7	58.03	56.73	24.9	30.7	92	71	ENE 1	ESE 2	5	6	2.5
8	58.01	57.09	24	30	97	71	W 1	SE 1	10	8	------
9	57.94	56.78	22.6	32	97	69	W 1	ESE 3	5	7	27.2
10	57.72	56.35	24.1	31	99	72	ENE 1	ESE 3	10	7	4.6
11	58.73	57.56	25	29	97	76	N 1	SSE 2	10	10	16
12	59.85	58.16	23.5	26.4	99	84	NW 2	WNW 3	10	10	18.8
13	57.80	56.35	23.3	28.3	97	85	W 1	W 2	10	10	59.7
14	56.09	55.43	24	30	97	75	W 1	SSE 2	10	9	36.1
15	57.42	56.69	24.4	28.2	98	83	N 1	SE 1	10	10	6.6
16	57.77	56.84	24	29	97	78	WNW 1	E 3	10	10	24.1
17	57.43	55.75	23.1	30.5	96	70	W 1	SE 2	8	9	------
18	56.04	54.87	23	32.6	97	65	W 2	WSW 3	7	5	------
19	55.89	54.66	24	32.2	97	61	WNW 1	W 4	3	4	------
20	56.29	55.11	24.7	32.8	97	64	WNW 1	W 4	7	9	------
21	55.17	54.01	26	33.5	90	68	WSW 2	NW 3	10	10	------
22	54.23	53.76	25.5	26	96	95	WSW 2	WSW 2	10	10	8.9
23	53.84	52.63	24.9	29.5	98	79	W 2	WSW 3	10	10	3.6
24	53.97	53.01	25.5	28.5	89	84	SW 3	S 3	10	10	14
25	54.67	53.62	25.5	26	88	97	WSW 3	S 4	10	10	44.8
26	55.76	55.43	25.6	28.6	92	82	W 1	W 3	10	10	1.8
27	57.06	55.59	26	30.5	90	67	W 2	W 3	10	10	------
28	56.03	54.95	24.3	29	97	76	W 1	WNW 3	10	10	------
29	56.06	55.16	24.1	31	96	69	WNW 2	SSW 3	10	9	------
30	57.37	57.35	24	30.8	98	69	WNW 1	SE 3	10	6	.5
31	------	------	------	------	------	------	------	------	------	------	------
Mean	56.75	55.71	24.7	29.8	94.6	75.6	1.7	2.7	9.2	8.9	------
Total	------	------	------	------	------	------	------	------	------	------	283.4

OCTOBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	58.52	57.28	26.1	31.8	96	71	NW 1	SE 3	9	4	------
2	58.23	57.31	23.8	25	97	93	W 1	ENE 1	4	10	29.5
3	57.96	56.77	24	25.5	97	93	NNW 1	W 2	10	10	10.4
4	58.39	57.34	23.6	29.5	98	75	W 1	WSW 2	10	10	------
5	58.91	57.79	25	31	97	67	NNW 1	SE 2	10	9	------
6	57.99	56.83	24.5	29	96	79	WNW 1	E 2	10	6	1
7	57.34	56.10	22.6	28.8	98	83	NW 1	WNW 1	6	9	16.5
8	57.22	55.80	24.5	28	94	82	NE 1	WNW 3	10	10	11.4
9	57.19	57.15	24	29.3	98	79	W 1	SSW 1	10	10	2.3
10	59.71	58.45	24.5	30.6	97	73	W 1	ESE 3	7	4	1.3
11	59.07	57.24	24	31.5	98	72	W 1	ESE 3	8	6	7.6
12	58.33	56.71	24.1	31.4	97	66	W 1	ESE 3	6	4	.5
13	57.97	57.15	24.5	25.8	96	97	NW 1	E 4	9	10	29.4
14	58.36	56.89	26[a]	29	89[a]	82	ENE 2	E 3	10	9	28.7
15	57.06	55.57	23.8	26.5	98	91	NW 1	ENE 2	7	10	184.6
16	56.50	55.39	26	27.5	95	90	SSE 3	SE 3	10	10	114
17	57.47	56.35	25.4	28.5	95	81	E 1	SE 3	10	10	8.1
18	58.24	56.98	26[a]	27.5	89[a]	90	E 3	ENE 3	10	9	5.9
19	57.75	56.08	26.2[a]	29.4	92[a]	75	ENE 2	E 3	5	7	18
20	57.62	56.92	26.6	29.7	92	80	E 2	ESE 3	9	9	26.6
21	58.25	57.22	26.6[a]	30.6	86[a]	74	ENE 3	ESE 3	7	7	28.7
22	58.25	57.05	26	27	89	84	ENE 3	E 2	10	10	3.3
23	57.96	56.59	25	27	97	90	ENE 2	ENE 3	10	10	35.3
24	58.79	57.47	24.1	29.6	99	78	WSW 1	E 3	10	9	1
25	59.76	58.59	26.8	29.7	87	71	E 3	E 3	7	9	37.8
26	60.92	59.10	23.5	28.1	97	84	WSW 2	E 2	10	9	41.1
27	59.32	57.80	26.6[a]	30.7	84[a]	69	ENE 4	ENE 3	7	7	8.1
28	58.04	56.50	24	30.6	98	74	WSW 1	E 3	6	7	6.1
29	58.34	57.49	23.5	31.4	96	59	WNW 1	ENE 2	4	3	9.1
30	58.59	57.26	24.6	29.5	97	70	NW 1	E 2	10	10	5.9
31	57.27	55.71	24	28.9	97	80	WSW 2	E 2	9	10	22.3
Mean	58.24	57	24.8	29	94.7	79.1	1.6	2.5	8.4	8.3	------
Total	------	------	------	------	------	------	------	------	------	------	694.5

NOVEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	56.53	55.14	23.5	29.2	99	79	W 2	ESE 3	10	7	22.3
2	57.49	55.43	24.5	29.6	92	71	E 2	ESE 3	10	7	5.6
3	58.43	56.55	23.5	31.4	99	67	WNW 1	ESE 3	6	7	17.7
4	58.17	55.53	24.4	31	97	72	W 1	W 3	6	7	------
5	56.32	54.70	22.7	30.8	94	67	W 2	WNW 4	5	5	------
6	56.24	55.15	22.7	28.3	97	87	NW 1	NW 1	5	7	6.9
7	56.73	55.28	21.7	31	99	69	NW 1	NW 3	6	6	------
8	56.65	56.45	22	30.4	98	70	WNW 1	SSE 3	7	4	------
9	58.18	57.58	23.6	26.4	98	95	WNW 1	SE 3	4	10	42.4
10	58.57	57.31	22.5	26.5	99	88	W 1	ENE 2	10	10	9.4
11	57.91	57.38	25.6	28.4	84	88	NE 3	ENE 3	6	8	.8
12	59.13	58.35	25.5	30.5	84	65	NE 3	ENE 3	8	8	.5
13	59.46	58.28	24.1	30.3	91	70	W 2	E 3	7	7	15
14	58.92	56.79	25.5?	31	84?	72	ENE 3	N 2	5	9	4.8
15	55.47	54.37	24.1	30	99	81	NW 1	E 2	6	10	13.8
16	55.41	54	26?	28.5	92?	83	ESE 2	S 3	10	10	5.6[b]
17	56.26	55.17	24.5	29.8	99	78	WNW 1	WSW 2	10	10	------
18	58.07	56.89	23.5	30.7	99	74	W 1	SE 2	7	7	.5
19	58.47	56.73	24	29.6	98	74	W 1	E 3	10	7	7.4
20	58.09	56.67	24.5	30.5	97	74	NE 2	SE 2	10	5	28.7
21	58.37	57.33	24.1	27.5	99	85	NW 1	E 2	10	9	11.5
22	58.37	57.40	23.5	28.2	97	83	NNE 1	ENE 3	10	10	9.6
23	58.70	57.66	25.7	29.6	91	77	E 2	SSE 2	9	9	2.8
24	58.38	56.73	23.4	29	97	75	W 1	ENE 3	5	6	9.2
25	57.32	55.48	21.8	30	98	71	WNW 1	SSE 3	3	7	.5
26	54.83	53.15	21.7	28.5	99	81	NE 1	NW 2	3	9	4.1
27	54.04	53.09	24	26	97	90	NNW 1	W 3	9	10	12.9
28	54.24	53.19	24	25.8	98	90	NW 1	SW 2	10	10	29.5
29	54.27	53.80	25	28.9	90	71	NE 2	WSW 2	10	10	1.1
30	56.89	56.60	24	27.6	75	68	SW 2	NNW 4	10	10	2
31	------	------	------	------	------	------	------	------	------	------	------
Mean	57.20	55.94	23.9	29.2	94.7	77.2	1.5	2.6	7.6	8	------
Total	------	------	------	------	------	------	------	------	------	------	264.6

DECEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	56.90	54.43	23.7	27.1	82	78	WSW 2	NW 3	10	10	60.2
2	55.04	55.06	23	25.1	97	91	NE 3	W 3	10	10	3.8
3	57.60	57.28	22.5	29.6	97	77	W 1	ESE 3	6	8	------
4	58.44	56.88	23	28.8	97	85	WSW 1	WSW 3	2	7	26.7
5	57.57	55.76	25.1	27	86	78	ENE 2	NW 2	8	8	1.8
6	56.47	56.03	22.5	30.4	97	68	W 1	E 3	10	5	.5
7	56.72	55.98	22.5	30.1	99	71	WSW 1	ENE 2	4	8	.5
8	56.99	55.78	22.5	30.3	97	68	WNW 1	E 3	5	4	1.5
9	57.39	56.59	22.5	31	96	68	WNW 1	E 3	7	7	4.8
10	57.96	56.68	23	29.6	98	81	WNW 1	ENE 3	7	9	6.9
11	57.50	56.30	22.3	29.7	97	64	WNW 1	NE 3	7	6	5.3
12	57.52	56.24	23.5	27.7	96	79	SW 1	E 4	8	10	35.5
13	57.79	56.77	25.8?	30	8°?	65	E 4	E 5	5	10	6.9
14	57.33	56.50	26.4	30.5	87	68	E 4	E 4	7	9	.5
15	56.10	55.60	26.9?	29	80?	75	NE 4	ENE 4	10	10	22.9
16	56.92	55.59	26	28	87	82	ENE 3	E 3	10	10	11.7
17	56.76	55.44	26.2	30	89	74	E 3	E 3	10	7	16.5
18	56.65	55.50	26.1	27.7	91	84	E 3	E 3	10	10	62.5
19	57.01	55.73	25.4	29.7	92	73	ENE 2	E 3	10	5	5.3
20	57.50	56.43	22.1	30.3	99	71	WSW 1	ESE 3	10	5	2.8
21	58.44	56.55	23	31	98	65	WSW 2	E 3	3	8	7
22	57.39	56	22.5	30	99	70	W 1	E 3	5	9	------
23	57.48	56.26	21	27.1	99	83	NNW 1	SSE 2	1	10	2.6
24	57.13	56.68	20.8	30.3	98	64	W 1	E 3	2	5	1
25	57.89	57.03	23	29.6	97	69	NW 1	NE 3	6	8	2
26	57.23	56.51	24	28	95	73	WSW 1	NE 3	10	10	13.5
27	57.21	56.30	25.4?	28.8	88?	71	ENE 3	NE 3	10	9	7.4
28	58.22	57.49	25	25.9	88	77	E 4	ENE 5	10	10	21.1
29	57.78	56.47	25	26	83	87	ENE 6	ESE 4	10	10	68.6
30	57.29	56.32	23.1	25.6	99	95	WSW 2	E 4	10	10	80.8
31	57.98	57.25	25.9	25.5	89	94	ENE 3	E 3	10	10	8.1
Mean	57.30	56.24	23.9	28.7	92.9	75.7	2.1	3.2	7.7	8.3	------
Total	------	------	------	------	------	------	------	------	------	------	481.7

[a] These temperatures do not seem to be reliable.

[b] The rainfall of the 16, 5.6 mm., was involuntarily omitted in the "Monthly Bulletin."

NAGA.

[ϕ=13° 37′ N; λ=123° 11′ E; barometer above sea, 5.67 meters; gravity correction not applied, —1.75 mm.]

JANUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*					*0-10.*	*0-10.*	*mm.*
1	57.15	55.46	25	25	92	95	N	1	N	2	10	10	8.9
2	53.78	53.89	25	27.5	98	79	NNW	2	SE	2	8	9	1.5
3	56.32	55.71	23.8	28.9	95	78	SE	1	SE	2	10	8	------
4	59.82	58.44	23	30.8	97	67	Calm		WNW	1	8	9	3.6
5	60.32	58.95	23.4	31.4	97	61	Calm		N	2	8	8	------
6	60.10	59.07	21.6	28.8	96	75	Calm		NNW	2	8	9	T
7	60	58.96	23.8	31.8	97	60	Calm		E	2	7	8	------
8	61.08	60.12	23	29.4	96	72	E	1	N	1	9	9	------
9	62.24	59.92	23.8	30	93	74	N	1	N	3	7	8	------
10	62.53	60.61	22.8	29.2	96	70	Calm		NNE	2	8	9	7.4
11	62.10	60.79	24.6	26	88	92	NNE	2	NNE	2	9	10	6.7
12	60.77	59.75	24.2	25.2	88	93	NNE	2	NNE	2	9	10	4.2
13	60.10	59.18	23.9	27.5	97	75	NNE	2	NNE	3	10	10	17.5
14	58.09	56.34	24.9	25.8	91	87	NNE	2	NNE	3	10	10	28.3
15	54.77	54.33	24.9	25	96	97	N	4	N	5	10	10	56.4
16	56.16	56.95	23.8	24.9	91	80	N	4	N	3	10	10	5.4
17	59.07	58.92	22.3	24.2	86	74	N	4	NNW	3	10	10	------
18	60.22	59.64	21.4	24.2	83	78	N	2	N	2	7	9	1.3
19	60.50	60.14	22	26.9	81	58	NNE	2	NNE	3	8	8	------
20	60.40	59.25	22.2	27.4	79	56	N	1	NNE	2	9	9	------
21	59.23	58.21	21.7	25.8	90	78	N	1	N	2	8	9	2.5
22	58.45	57.02	23.3	23.9	86	96	NNE	2	NNW	2	9	10	15.2
23	57.60	56.48	24.6	28	98	80	NNW	1	NNW	2	10	9	2.1
24	58.46	57.70	24.7	26.4	94	86	N	2	N	2	10	10	19.2
25	59.66	59.30	23.4	25.6	97	90	N	2	N	2	8	10	13.1
26	58.92	58.34	23.6	25.8	97	90	NNW	2	N	2	10	9	10.7
27	58.81	57.19	23.9	28.4	92	72	NNE	1	N	2	9	8	1.5
28	58.66	56.56	22.5	30.5	96	68	Calm		N	2	8	9	------
29	57.42	56.59	23.5	26.8	96	81	NNE	1	NNW	2	9	9	1.3
30	57.73	56.70	23.5	27	96	84	NNW	1	NNW	2	10	9	1
31	56.56	55.79	24.3	27.5	96	82	NNW	2	N	2	9	8	------
Mean	58.94	57.95	23.5	27.3	92.7	78.3	1.5		2.2		8.9	9.1	------
Total	------	------	------	------	------	------	------		------		------	------	208.8

FEBRUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	57.20	56.53	23.5	28.1	94	68	N 1	N 2	8	9	------
2	57.40	56.43	24.2	27.5	90	81	NNE 1	NNW 1	10	9	------
3	57.58	56.32	23.7	31.5	98	62	Calm	NNW 1	10	8	------
4	57.71	56.26	22.2	30.4	98	66	Calm	NNE 1	9	8	------
5	57.78	56.97	23.5	31	96	64	Calm	SW 2	8	7	------
6	59.06	57.13	21.2	30.8	98	58	Calm	NNW 2	8	7	------
7	57.77	56.10	19	31.8	95	44	Calm	W 1	7	6	------
8	57.82	56.33	19	30.5	95	49	Calm	SW 1	6	5	------
9	59.67	58.34	16.2	29	98	54	Calm	NW 1	7	5	------
10	60.55	59.58	19	28.8	96	59	N 1	NNW 2	8	7	------
11	60.60	59.38	20	28	97	70	Calm	NNW 2	8	8	1.1
12	60.65	59.56	21.8	30	95	54	Calm	E 3	9	8	------
13	60.90	59.36	22	31.5	91	48	Calm	E 3	9	8	------
14	61.40	59.70	19.9	28.2	96	73	Calm	NW 2	5	8	------
15	60.39	58.71	20	30.5	98	62	Calm	NW 1	8	8	------
16	60.25	59.11	20.8	30	96	67	Calm	N 2	8	9	------
17	59.48	58	23	30.9	93	62	Calm	NNW 1	9	8	------
18	58.74	56.95	21	29.2	93	67	Calm	N 1	8	9	------
19	57.51	56.13	22.6	27.7	95	79	Calm	N 2	8	9	17
20	57.96	56.52	23.6	28.2	97	73	SE 1	N 1	10	9	1.4
21	57.74	56.63	24	28	91	80	Calm	N 1	9	9	9.8
22	57.92	56.84	23.5	27.5	96	84	Calm	N 2	9	9	5
23	58.17	56.87	21.8	30.8	96	65	Calm	NNW 1	8	8	------
24	58.52	57.52	19.8	30.4	96	65	Calm	NNW 2	8	8	------
25	58.91	57.70	20.5	30	95	60	Calm	N 2	7	8	------
26	58.35	57.60	19.3	29.7	92	63	Calm	N 2	9	8	------
27	58.21	56.93	19.8	29.8	92	60	Calm	N 3	8	8	------
28	58.44	57.21	19.9	28.6	96	71	Calm	N 2	8	9	------
29	58.09	58.01	25.5	27.6	91	80	N 1	N 3	9	9	.3
30	------	------	------	------	------	------	------	------	------	------	------
31	------	------	------	------	------	------	------	------	------	------	------
Mean	57.77	57.54	21.4	29.5	94.9	65.1	0.2	1.7	8.2	8	------
Total	------	------	------	------	------	------	------	------	------	------	34.6

MARCH.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	59.05	59.45	24.3	28.1	86	60	NNE 1	N 3	9	9	------
2	59.67	59.25	24	27	80	60	NNE 1	NNE 2	9	9	------
3	59.81	59.36	23	28.3	79	58	NNW 1	ESE 1	9	9	------
4	60.58	60.59	22.1	23.3	95	92	Calm	SSE 1	8	10	12.7
5	60.34	58.82	22.3	27.6	96	80	Calm	N 3	8	8	34.5
6	59.03	57.51	23.3	28.4	97	77	N 1	N 1	10	9	1.8
7	57.87	57.02	23.3	25	97	95	Calm	ENE 1	10	10	23.4
8	58.84	57.40	22	32	97	60	Calm	NNE 1	10	7	------
9	59.73	58.47	22.3	29.7	97	68	Calm	NNW 3	8	8	------
10	59.36	57.61	20.8	29.9	97	71	Calm	NNW 1	8	8	------
11	58.77	57.75	21.8	30.1	98	58	Calm	N 2	8	8	------
12	59.85	59.08	21.8	25.6	93	90	Calm	NNE 2	9	10	7.9
13	60.58	59.51	22.5	29.8	97	73	Calm	NNW 2	10	8	------
14	59.81	58.11	20.7	30	98	66	Calm	NNE 3	8	8	------
15	58.85	57.60	23.4	29.5	91	60	NNW 1	NNE 3	8	9	------
16	59.31	58.30	23	30	97	54	Calm	NNE 1	10	9	------
17	60.05	58.61	21.9	29.8	96	67	Calm	NNE 2	9	9	------
18	59.95	58.47	20.8	31.5	97	50	Calm	SE 2	7	6	------
19	60.26	58.50	20	28.3	94	77	Calm	N 1	5	8	5.8
20	59.97	58.40	23.3	30.8	97	64	S 1	NNE 1	10	10	21.8
21	59.71	58.90	20.6	29.8	94	66	Calm	NNE 1	8	8	------
22	60.73	59.64	20.5	29.4	99	67	Calm	NNE 2	7	8	.8
23	60.99	60.31	24.5	30	91	62	N 1	NNE 2	8	8	.3
24	61.95	61.11	23.2	28.4	93	66	NW 1	NE 3	9	8	------
25	62.40	61.07	24.2	27.4	81	70	NE 1	NE 2	9	9	------
26	62.17	60.36	20.6	29.7	94	65	Calm	NNE 2	6	9	------
27	61.58	60.11	21.5	30	94	66	Calm	NNE 2	7	8	------
28	60.85	59.25	21	31.6	96	66	Calm	N 2	6	8	------
29	60	58.18	21.4	28.8	96	72	Calm	N 1	7	9	------
30	59.69	57.55	20.5	29.9	95	67	Calm	N 2	7	8	------
31	58.93	57.40	21.5	31.8	97	61	Calm	NNE 2	8	8	------
Mean	60.02	58.83	22.1	29.1	93.8	68	0.3	1.8	8.2	8.5	------
Total	------	------	------	------	------	------	------	------	------	------	109

APRIL.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	57.82	56.84	20	31.4	95	60	Calm	N 1	8	8	------
2	58.12	57.67	19.5	29.6	96	67	Calm	N 2	9	9	------
3	60.42	58.89	19.8	30.4	96	66	Calm	N 2	9	9	------
4	60.86	59.25	20.9	30.5	96	62	Calm	N 2	8	9	------
5	60.80	60.28	22	27	94	80	Calm	NE 1	8	9	4.1
6	61.67	60.58	24.2	28.3	82	67	NNE 1	NE 2	9	8	------
7	62.55	61.06	21.5	30.7	95	62	N 1	NNE 3	9	8	------
8	62.48	60.37	22.2	28.1	89	77	ENE 1	NNE 3	9	9	1
9	60.85	59.97	23.3	26.7	96	84	NNW 1	W 1	8	10	2.8
10	60.33	59.63	21.7	29.8	96	69	Calm	NNE 2	9	9	------
11	60.70	59.26	21	29.4	96	67	Calm	NNE 3	7	8	------
12	60.45	59.34	21.4	29.5	96	73	Calm	NNE 3	6	9	1.5
13	60.66	59.30	22.8	30.3	98	70	Calm	N 2	6	8	------
14	60.40	58.90	22	31.7	96	63	Calm	N 1	8	9	------
15	59.56	57.49	20.8	31.9	95	57	NE 1	N 1	8	8	------
16	58.99	57.57	20	27.5	93	81	Calm	N 1	9	9	5.7
17	56.45	54.90	26	27.9	92	81	NNE 2	NNE 3	9	9	22.7
18	54.16	54.25	25.8	28.7	88	75	N 2	N 2	9	8	13.2
19	55.76	55.78	22	28.9	96	74	Calm	N 2	8	8	------
20	56.67	55.42	23.1	30.6	97	63	Calm	NNE 2	9	8	------
21	56.72	55.41	21.3	31.2	97	62	Calm	NE 1	7	8	------
22	57.11	55.89	21.4	30.3	96	64	Calm	NNE 2	10	8	------
23	56.90	55.23	20.7	32.7	95	53	Calm	NNW 1	8	8	------
24	57.03	55.18	23	33.2	97	54	Calm	WSW 1	7	8	------
25	57.68	56.27	22	32.5	95	56	Calm	N 2	7	8	------
26	58.81	57.44	21.4	31.5	95	64	NW 1	N 2	6	7	------
27	58.32	57.49	21.8	32	97	63	Calm	N 2	5	8	7.4
28	58.31	57.11	22.9	32.6	96	62	Calm	NE 2	8	8	------
29	58.50	57.76	22.8	25.5	97	80	E 1	NW 1	7	9	33.5
30	58.92	57.66	21.8	29.5	96	68	Calm	NNE 1	8	8	------
31	------	------	------	------	------	------	------	------	------	------	------
Mean	58.97	57.72	22	30	94.6	67.5	0.4	1.8	7.8	8.4	------
Total	------	------	------	------	------	------	------	------	------	------	91.9

NAGA.

[$\phi = 13°\ 37'$ N; $\lambda = 123°\ 11'$ E; barometer above sea, 5.67 meters; gravity correction not applied, —1.75 mm.]

MAY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.		Wind, direction and force (0–12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P. ct.*	*P. ct.*					*0–10.*	*0–10.*	*mm.*
1	58.97	57.26	21.9	30.3	98	64	Calm		N	2	7	8	0.8
2	58.13	56.51	23.7	28	96	71	N	1	NNE	2	9	8	31
3	56.20	56.05	25.8	25.2	92	----	NNE	1	N	1	10	10	58
4	56.76	57.12	24.5	27.2	96	86	Calm		N	1	10	10	19.5
5	56.82	57.25	25	25.3	93	96	NNE	2	S	1	9	10	39.9
6	57.69	56.95	24.2	24.4	97	93	N	1	NNW	1	10	10	1
7	56.95	56.39	23.6	32.2	98	68	SSW	1	NW	1	7	8	------
8	58.92	57.87	23.6	30.2	98	73	Calm		NW	1	8	9	11.4
9	59.51	58.55	24	31	93	71	NE	1	W	1	9	8	1.3
10	59.06	57.57	23.7	30.5	96	71	Calm		NNW	1	7	8	------
11	58.62	56.62	22.7	30.2	96	75	Calm		W	1	6	8	.5
12	58.72	57.40	25	31.5	95	65	Calm		W	1	9	8	------
13	58.45	56.80	24	29	97	76	Calm		N	1	9	10	49.3
14	57.62	55.93	23.1	28.2	99	79	Calm		N	1	10	9	.8
15	56.90	56.65	24	25.8	97	90	SSE	1	Calm		8	10	22.4
16	58.60	58.32	23.9	29.6	97	71	Calm		SSW	1	8	9	------
17	59.72	58.91	22.4	29.4	96	79	Calm		NW	1	6	9	9.4
18	59.25	57.55	23	31.4	95	67	Calm		SSW	1	5	9	------
19	58.28	56.93	23.4	30.6	95	76	Calm		W	1	8	9	14.7
20	58.32	58.11	23.2	27	98	90	Calm		SW	2	4	10	28
21	57.97	56.93	23	32.8	97	60	Calm		S	1	9	9	------
22	57.80	56.70	24	30	95	69	Calm		SE	1	8	9	5.5
23	58.08	56.99	22.4	31.4	96	65	Calm		NNE	2	5	8	------
24	58.15	57.38	23	27.4	97	89	Calm		NNE	1	8	10	12.6
25	57.77	56.82	23.8	27.5	97	84	Calm		NNE	1	4	8	------
26	56.63	55.42	26.5	32.1	88	64	NNE	1	N	1	9	9	13
27	57.10	55.28	24.5	30.6	97	72	Calm		SW	1	10	8	------
28	56.37	55.98	23.2	29	98	79	Calm		SE	2	6	9	2.4
29	56.72	55.19	23	32	98	65	Calm		SW	1	8	9	------
30	57.95	------	23.2	------	93	-----	Calm		--------		8	8	------
31	57.85	56.58	24	32.4	97	63	Calm		N	1	8	8	------
Mean	57.93	56.93	23.7	29.4	93	74.9	0.3		1.1		7.8	8.9	------
Total	-----	-----	-----	-----	-----	-----	--------		--------		-----	-----	324.8

JUNE.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.		Wind, direction and force (0–12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P. ct.*	*P. ct.*					*0–10.*	*0–10.*	*mm.*
1	57.68	56.69	23	32.2	98	55	SSE	1	N	1	8	9	------
2	57	55.60	22.3	33.5	92	53	Calm		SW	1	8	8	------
3	57.01	55.94	23.2	32.4	93	60	SE	1	NNE	1	8	9	------
4	57.01	56.25	24.2	32.3	95	67	Calm		NW	1	8	9	19.5
5	57.17	56.25	24	29.2	95	76	SSE	1	NNE	1	9	10	.3
6	56.37	55.24	23.2	30.5	97	74	Calm		NNE	1	9	10	.5
7	56.22	54.64	23.5	33.1	96	61	Calm		SW	1	8	9	------
8	55.72	54.48	24	31.2	95	67	Calm		NNE	1	8	9	------
9	56.11	54.71	23.5	30.5	96	70	Calm		NNW	1	8	9	------
10	56.41	54.87	23.7	27.9	96	88	Calm		NNE	1	9	10	17
11	56	53.87	23.3	32.4	98	63	Calm		S	1	10	9	5.1
12	54.50	52.71	24	29.4	95	78	S	1	S	1	10	9	85.9
13	54.43	53.74	23.9	25.9	97	94	Calm		S	1	10	10	13.9
14	54.64	55.02	25.4	29	93	78	SSW	1	SSW	1	10	10	3.3
15	55.15	54.77	25	30.8	97	72	S	1	SW	2	10	9	------
16	54.85	54.04	25.7	31.8	93	67	SSE	1	SW	2	9	9	------
17	55.19	54.81	25.5	31.8	94	67	SE	1	SSW	1	9	10	------
18	56.79	55.29	24.3	32	96	69	SE	1	NW	1	7	9	3.8
19	57.31	56.23	24.3	27.7	97	87	SE	1	Calm		10	10	2.5
20	57.30	56.18	24.5	30.2	95	73	SSE	1	SW	1	9	9	1
21	57.09	55.96	25	29.9	95	73	Calm		SW	1	8	9	15.7
22	57.93	58.07	23	27.2	95	75	SSE	1	SE	1	9	10	3.5
23	58.57	57.74	23.4	32.4	97	60	Calm		WNW	1	9	9	9.7
24	59.25	58.39	22.9	27.4	97	87	Calm		Calm		8	9	4.1
25	60.18	58.92	24.2	29.7	96	79	Calm		SE	1	9	9	------
26	59.65	58.22	23.7	31.8	97	64	Calm		E	1	8	8	1
27	59.12	57.41	23.4	31.5	97	65	SE	1	SW	1	7	8	------
28	58.71	57.74	24.3	27.7	94	85	SSE	1	NNE	1	9	9	.6
29	59.37	58.54	24	27.2	97	89	Calm		NNE	1	9	9	5.5
30	59.78	57.29	23.5	32	97	65	SSE	1	SSE	1	9	8	.3
31	-----	-----	-----	-----	-----	-----	--------		--------		-----	-----	------
Mean	57.08	55.99	23.9	30.4	95.7	72	0.5		1		8.7	9.1	------
Total	-----	-----	-----	-----	-----	-----	--------		--------		-----	-----	193.2

JULY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.		Wind, direction and force (0–12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P. ct.*	*P. ct.*					*0–10.*	*0–10.*	*mm.*
1	58.19	57.58	23.5	27.7	95	84	Calm		NE	1	8	9	3.5
2	58.25	57.09	22.7	29	97	76	Calm		N	1	9	9	11
3	57.80	57.15	22.8	29.7	97	79	Calm		W	1	8	9	3.3
4	57.24	58.11	23.8	25	93	93	S	1	S	1	9	10	35.5
5	59.04	57.74	23.6	31.7	96	68	ESE	1	SE	1	9	9	1
6	59.20	58.45	24	31.5	95	72	Calm		Calm		9	9	20.1
7	59.73	58.31	22.2	31.5	98	69	Calm		NNE	1	7	9	------
8	58.81	57.16	23.2	33	96	64	Calm		WSW	1	8	9	26.9
9	58.62	58.23	23	25.7	98	86	Calm		S	2	8	10	15.3
10	59.03	58.07	22.7	31	97	72	Calm		N	1	6	8	------
11	59.11	58.32	23.5	29.4	96	75	Calm		NNE	1	8	9	------
12	58.90	57.89	23.3	30.5	97	70	Calm		NNE	2	8	9	23.9
13	58.96	57.94	23.2	31.8	97	70	Calm		NNE	2	8	8	------
14	58.39	57.81	24.7	32.2	96	65	SW	1	SSE	1	9	9	.2
15	58.76	57.90	23.8	26.5	94	90	SSE	1	NW	1	8	9	17.7
16	57.27	56.51	24.2	29.6	96	78	NNE	1	NNE	1	9	9	.5
17	57.62	56.69	23.9	28	97	79	Calm		N	1	10	10	2.8
18	57.30	56.84	24.2	28.3	97	82	Calm		Calm		9	10	------
19	57.69	56	23.5	31	97	72	Calm		NNE	1	8	9	------
20	57.32	56.08	23.5	29.4	96	75	Calm		NE	1	8	8	------
21	57.62	56.38	23.7	25.5	96	91	S	1	NE	1	9	10	40.6
22	56.42	55.24	23.1	32.3	97	64	Calm		SW	1	7	8	4.1
23	55.45	54.25	25	30.9	95	75	SE	1	SSW	1	8	8	21.3
24	55.72	55.36	24	32	95	65	SE	1	SW	1	9	8	5.8
25	57	55.93	23.8	30.8	94	78	SSE	1	SSW	1	9	9	1.3
26	56.67	55.37	24	31.5	95	68	SE	1	SW	1	8	8	.5
27	56.45	55.40	24	32.6	97	62	SE	1	SW	2	8	8	------
28	56.04	55.69	25	33.6	92	59	SSE	1	SW	2	8	8	.8
29	56.29	55.51	25.8	32.5	93	66	S	1	SW	1	9	8	------
30	56.83	55.89	25.7	32.4	94	66	SSE	1	SW	1	8	9	------
31	57.20	55.13	24.6	33.8	97	59	ESE	1	SW	1	7	8	3.3
Mean	57.71	56.77	23.8	30.3	95.8	73.3	0.5		1.1		8.3	8.8	------
Total	-----	-----	-----	-----	-----	-----	--------		--------		-----	-----	239.4

AUGUST.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.		Wind, direction and force (0–12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P. ct.*	*P. ct.*					*0–10.*	*0–10.*	*mm.*
1	57.95	57.15	24.8	30	93	75	Calm		S	1	8	8	5.3
2	58.02	56.84	24.5	32.4	97	66	SSE	1	SSW	1	8	8	6.8
3	58.38	57.07	25.5	32.4	94	69	WSW	1	SW	1	8	9	.8
4	58.88	57.81	25.8	33.2	93	63	SSE	1	SW	2	9	8	17.1
5	58.74	57.43	24.2	30.8	97	72	SSE	1	SSW	1	8	8	.5
6	58.03	57.11	25.4	31.4	88	62	Calm		SW	2	9	9	------
7	58.45	57.50	25.4	33	92	62	S	1	SSW	2	9	8	------
8	58.40	57.01	25.4	33.2	93	60	Calm		SSW	1	8	9	------
9	57.08	55.67	26.2	32.1	89	61	SSW	1	SW	2	9	9	------
10	55.24	54.29	27.8	31.1	79	70	SW	2	SW	2	9	9	1
11	54.48	53.83	27.5	30.2	82	68	SSW	2	SW	3	9	9	------
12	54.59	54.45	27.5	29.8	87	78	SW	2	SSW	2	9	9	.5
13	54.83	55	27.5	31.9	85	67	SSW	2	SW	2	9	9	------
14	56.99	57	25.8	33.4	88	60	SSE	1	S	2	9	8	1.5
15	58.74	58.66	25	33.4	92	60	SSE	1	S	1	8	8	1
16	59.14	57.74	24.2	32.6	95	61	SE	1	SW	2	8	8	1.3
17	58.23	56.75	25	31.4	95	65	NW	1	SSW	2	9	8	------
18	57.71	56.51	26.6	32	83	63	SW	1	SW	3	8	8	15.9
19	57.57	57.01	24.8	32.4	93	60	S	1	SW	2	9	8	------
20	57.83	56.31	25.3	33	93	57	SE	1	SW	1	8	7	.5
21	58.31	58.02	23	33.4	91	61	S	1	SW	2	8	8	------
22	59.77	58.29	24	26.7	95	86	SW	1	NNE	1	9	9	8.4
23	59.04	56.98	23.1	33.5	97	61	Calm		SW	1	8	8	------
24	57.91	56.51	23.5	32.8	96	61	SSE	1	SSW	1	9	9	------
25	58.10	56.94	23.9	34.2	96	55	SSW	1	SE	1	9	9	------
26	59.21	58.36	23.5	30.4	96	65	Calm		N	2	9	9	------
27	58.51	57.11	22.5	31	97	73	Calm		NW	2	8	9	10.2
28	57.78	56.88	22.8	27.8	97	83	Calm		NNE	1	9	9	30.9
29	57.27	57	23.4	30.7	97	70	SW	1	SSW	1	10	10	------
30	57.80	57.68	23.9	33.4	97	59	Calm		SW	1	8	8	------
31	59.41	58.63	23	28.8	95	78	Calm		W	1	8	9	13.3
Mean	57.82	56.89	24.9	31.7	92.3	66.2	0.8		1.6		8.6	8.5	------
Total	-----	-----	-----	-----	-----	-----	--------		--------		-----	-----	115

NAGA.

[ϕ=13° 37′ N; λ=123° 11′ E; barometer above sea, 5.67 meters; gravity correction not applied, —1.75 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	59.16	58.11	24	29.5	97	75	Calm	NNE 1	9	9	2
2	57.92	55.97	23.9	28.8	97	79	N 1	W 1	10	10	.3
3	55.66	54.29	24.5	29.2	98	74	SSE 1	SW 2	10	9	8.3
4	54.86	54.55	25.8	30.4	85	70	S 2	S 2	10	10	------
5	56.35	56.25	25	34	92	52	SSE 1	S 2	9	8	------
6	58.21	56.99	23.8	31.7	97	64	Calm	SE 1	9	8	------
7	58.05	56.93	23.2	25.4	97	85	Calm	SE 1	7	10	38.3
8	58.22	57.43	23.1	28.3	97	77	E 1	SSW 1	9	10	21.6
9	57.92	56.28	22.4	32	97	66	Calm	NE 1	8	9	------
10	57.67	56.03	23.6	28.8	96	83	SE 1	N 1	9	9	14.5
11	58.61	56.93	23.4	31.9	97	68	SSE 1	SSW 1	9	8	22.9
12	60.50	58.04	23	28.9	98	77	E 1	SSW 1	10	9	22.9
13	53.07	56.88	23.5	24.6	97	95	Calm	NE 1	9	10	86.1
14	55.85	54.81	23.9	28	97	85	Calm	SSE 1	10	10	15.2
15	56.63	56.19	24	28.7	97	80	SE 1	S 1	10	10	25.9
16	57.72	56.45	23.6	30	98	73	SE 1	NNW 1	10	9	43.2
17	57.55	55.75	23	29	97	78	SSE 1	N 1	8	9	------
18	58.07	54.99	23.2	33	97	63	SSE 1	SW 1	8	8	------
19	56.11	55.02	24.7	33	94	64	Calm	SW 1	7	7	------
20	56.69	55.25	25.1	33.7	94	57	SSE 1	W 1	9	8	2
21	55.51	54.11	25	32.2	95	65	Calm	SW 1	9	9	------
22	54.41	53.37	25.4	29.2	97	85	Calm	SSW 1	9	10	.8
23	53.93	52.66	24.7	27.7	96	90	SSE 1	SW 1	10	10	14
24	52.79	52.27	24.8	29.7	93	73	SSE 2	SSW 2	9	9	30.5
25	53.24	53.05	24.7	26.8	94	92	SSE 2	SSW 1	10	10	29
26	55.19	55.18	24.4	29	95	82	SSE 1	SSW 1	10	10	.3
27	57.81	56.16	25	29.9	95	73	SSE 1	SW 1	9	9	------
28	56.52	55.46	24.5	27.4	96	81	S 1	NNW 1	9	9	.5
29	56.23	55.23	23.4	30.5	97	71	SSE 1	SSW 1	9	8	45.1
30	56.94	56.64	24.2	32.8	97	64	SSE 1	S 1	8	8	------
31	------	------	------	------	------	------	------	------	------	------	------
Mean	56.66	55.58	24.1	29.8	95.6	74.7	0.8	1.1	9.1	9.1	------
Total	------	------	------	------	------	------	------	------	------	------	418.4

OCTOBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	58.45	56.76	23.3	29.8	97	75	Calm	WNW 1	7	9	------
2	58.47	57.63	23.4	28.5	97	80	Calm	S 1	8	9	12.9
3	58.12	57.84	23	25	97	92	Calm	Calm	8	9	12.7
4	58.86	57.58	23	28.9	97	77	S 1	SW 1	9	9	10.6
5	59.22	57.57	23.5	31.4	97	66	SSW 1	SW 1	10	8	1.8
6	58.01	56.89	23.1	25.8	97	88	Calm	NE 1	8	9	9.7
7	57.53	56.07	22.2	29	98	74	Calm	NNE 2	8	8	8.6
8	57.52	56.51	23.6	26.3	97	90	NNE 1	N 1	9	10	60.5
9	57.57	56.98	23.7	29.3	97	76	Calm	SW 1	9	8	1
10	59.35	57.86	23.9	32.7	97	61	SSE 1	SW 1	9	8	------
11	59.03	56.98	22.8	29.1	97	80	Calm	N 2	8	9	------
12	58.21	56.73	23.8	28.9	97	86	NNW 1	Calm	8	9	2.5
13	58	56.67	23.4	29	97	85	Calm	N 1	8	9	10
14	58.26	56.61	24	28	97	82	W 1	W 1	9	9	8.4
15	56.97	55.48	24.2	27.5	97	93	N 1	NNE 1	8	9	11.7
16	56.60	55.35	24.2	26.6	98	90	Calm	Calm	10	10	26.2
17	57.40	55.85	24	27.6	98	84	S 1	N 1	10	10	28.9
18	58.11	56.98	23.7	27.5	98	88	Calm	W 1	9	10	26.1
19	57.63	55.25	23.2	32.8	98	60	WNW 1	SE 2	7	8	------
20	57.37	55.92	23.4	30.7	98	74	Calm	SE 2	7	8	2.8
21	58.20	57.31	24	29	95	83	Calm	E 1	8	8	13.8
22	58.42	56.69	24.2	27.3	98	88	Calm	Calm 10		9	.8
23	58.13	56.39	23	28.1	98	90	Calm	NNE 1	7	9	2.1
24	58.56	56.69	24.2	31.6	97	76	Calm	NNE 2	9	8	------
25	59.23	57.97	22.9	31.5	97	73	Calm	SE 2	7	8	.8
26	60.83	58.88	24	28.2	97	79	SE 1	NNW 1	10	10	------
27	59.45	58.13	24	27.5	95	81	Calm	NNE 1	8	8	------
28	58.07	56.75	24.2	26	88	92	NNE 1	NW 1	7	9	2.5
29	58.47	57.45	21.8	30.2	98	69	Calm	NNE 2	0	7	5.6
30	58.96	56.94	24.2	28.5	94	84	NNE 2	NNE 2	9	9	3.8
31	57.59	56.61	23.9	27.3	97	88	W 1	N 1	8	9	------
Mean	58.28	56.85	23.5	28.7	96.8	80.8	0.5	1.1	8.2	8.8	------
Total	------	------	------	------	------	------	------	------	------	------	263.8

NOVEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	56.57	54.88	23.4	28	98	85	Calm	N 1	8	9	3.6
2	56.99	55.39	23.8	28.4	97	83	Calm	WNW 1	9	9	2.3
3	58.45	56.65	22.1	29.7	98	79	Calm	NNE 1	8	9	.8
4	58.36	55.95	23.8	30.4	97	76	Calm	N 2	8	7	.8
5	57.02	55.35	22.2	30	98	77	Calm	N 2	8	7	------
6	56.51	55.48	24	28.5	95	81	NNE 1	N 2	7	8	------
7	57.02	55.51	20.6	30.8	96	74	SE 1	NNE 1	9	8	------
8	56.66	56.40	23	32	97	63	Calm	SW 1	8	8	------
9	58.43	57.18	22	30.4	96	66	Calm	NNE 2	9	8	------
10	58.97	57.95	21.5	28.5	95	94	Calm	NNE 2	9	10	7.4
11	58.10	57.61	23.6	28.6	90	69	NNE 1	NE 2	8	8	------
12	58.72	58.04	22.6	28.4	93	75	Calm	NNE 2	6	8	1.3
13	59.47	58.44	24	27.5	88	82	NNE 1	NNE 2	7	8	18.5
14	58.98	57.12	23.4	29.5	93	68	NNE 1	NNE 2	9	7	5.8
15	56.22	54.93	23.6	26	97	89	NE 1	NNW 1	8	9	2.6
16	55.65	53.85	23	28.6	98	82	Calm	NNE 1	10	9	3
17	56.50	55.08	23.6	29.3	98	77	SSE 1	SSW 1	10	10	------
18	58.12	56.98	23.6	26.8	98	84	SE 1	Calm	9	10	.3
19	58.55	56.87	22.5	28.8	97	79	Calm	N 1	9	8	------
20	58.01	56.18	23.2	31.2	98	67	Calm	NE 1	8	8	19
21	58.06	57.58	22.6	27	98	89	Calm	SSE 1	9	10	1.8
22	58.22	57.46	24.4	28.8	95	94	NNE 1	SSW 1	10	10	25.4
23	58.40	57.45	22.5	29.6	99	72	SE 1	NNW 1	9	9	------
24	58.88	56.67	23.3	27.5	89	85	Calm	N 1	8	9	35.6
25	57.25	55.41	21.6	30	99	71	Calm	NNE 2	7	8	.5
26	55.33	53.91	21.6	29.8	98	70	Calm	NNE 2	8	8	14.2
27	54.82	53.77	23.4	24.6	97	93	NW 1	NNE 1	9	10	63.2
28	55.02	54.31	24	25.4	95	95	NE 1	NNE 2	10	10	51.6
29	55.36	54.61	24.4	25.2	91	88	NE 2	NNE 2	10	10	8.1
30	57.70	56.71	23.1	26.6	85	67	NNE 2	NNE 3	10	9	5.5
31	------	------	------	------	------	------	------	------	------	------	------
Mean	57.39	56.11	23	28.2	95.4	79.1	0.5	1.5	8.6	8.7	------
Total	------	------	------	------	------	------	------	------	------	------	274.3

DECEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	57.24	55.50	22.8	25.2	88	85	NNE 2	NNE 3	8	9	14.3
2	56.16	55.22	22.6	22	97	97	E 1	SSE 1	10	10	75.6
3	57.54	57.01	21.5	28	98	83	Calm	NNE 1	9	9	12.5
4	58.71	56.86	24	29.8	98	73	Calm	NE 2	8	8	2.3
5	57.70	55.97	24.5	29.1	94	76	N 1	NE 2	9	9	.5
6	56.57	55.63	24	29.4	93	76	NNE 1	N 2	8	7	6.4
7	56.95	55.79	23 8	29	97	74	Calm	NNE 2	8	8	2
8	56.97	55.71	22.5	28.2	98	79	Calm	NNE 1	7	9	6.1
9	57.18	56.26	22.1	30.5	99	74	Calm	N 1	8	8	------
10	58	56.55	21.9	26.7	98	90	Calm	NNE 1	9	10	20.8
11	57.66	56.22	20.5	29.8	97	69	Calm	NNE 2	7	8	------
12	57.66	56.40	23.6	25.6	95	90	Calm	NNE 1	8	9	3.8
13	57.98	56.82	22	29.7	98	67	Calm	NNE 2	8	7	.5
14	57.38	56.11	22.5	29.2	96	76	Calm	NW 1	8	9	------
15	56.55	55.48	24.3	28.3	92	81	N 1	NNE 1	8	9	13.7
16	56.77	54.88	23	27.8	98	79	Calm	SE 1	9	9	.5
17	56.66	54.96	22.5	28.4	99	75	Calm	SE 2	8	9	------
18	56.86	55.27	23.8	28.5	93	78	Calm	NW 1	9	9	.5
19	56.99	55.05	23.5	31.4	96	70	Calm	W 1	9	8	------
20	57.44	56.07	20.2	29.8	96	66	SSE 1	NE 2	9	8	------
21	58.71	56.21	20.2	29.8	98	74	Calm	N 2	8	7	------
22	57.78	55.97	20.5	29.3	99	72	Calm	NNE 2	9	9	------
23	57.56	55.93	21	28	96	77	Calm	N 2	8	9	3.8
24	57.52	56.43	21.1	28	99	76	Calm	N 1	10	9	------
25	58.17	57.07	23	28.5	95	73	Calm	NNE 3	8	9	------
26	57.35	56.22	24	28.6	91	66	NNE 1	NNE 2	9	9	1.8
27	57.16	56.15	24.3	26.9	92	82	ENE 1	NE 2	9	9	7.4
28	58.56	57.88	22.8	23.4	95	93	NNE 2	NNE 2	10	10	2.9
29	58.18	56.50	23.2	24.9	90	91	NNE 1	NNE 1	8	9	25.1
30	57.93	55.98	22.3	28	97	77	Calm	N 1	9	9	8.1
31	58.10	56.36	21.3	29	98	74	Calm	NNE 1	9	9	1.5
Mean	57.49	56.06	22.6	28.1	95.8	77.8	0.4	1.6	8.5	8.7	------
Total	------	------	------	------	------	------	------	------	------	------	209.6

BATANGAS.

[$\phi = 13° 45'$ N; $\lambda = 121° 03'$ E; barometer above sea, 8 meters; gravity correction not applied, —1.75 mm.]

JANUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	57.96	56.50	23.1	28	94	77	ENE 1	Calm	6	9	12.7
2	55.81	54.33	23.6	24.4	91	93	N 1	WNW 1	9	10	43.2
3	55.25	54.37	24.8	29.8	88	75	NE 1	ENE 2	6	6	4.4
4	58.67	57.68	24.8	30	88	67	ESE 1	ENE 2	5	7	------
5	59.92	58.60	24.4	30.3	93	70	NE 1	SE 2	6	5	------
6	59.82	58.89	22.9	31.7	92	60	ENE 1	SSE 1	4	4	------
7	59.80	58.85	23	31	95	61	NE 1	SE 2	4	4	------
8	60.99	59.66	23.5	31.7	96	60	NE 1	NE 1	5	5	------
9	62.62	60.40	23.4	31.8	95	56	ENE 1	ENE 2	4	5	------
10	62.59	61.39	23.8	31.9	91	57	NE 2	ENE 2	5	4	------
11	62.71	60.75	24.4	28.5	88	74	NE 1	NE 2	7	7	.5
12	61.91	59.85	23.3	30.8	85	58	NE 1	NE 2	6	7	------
13	61.72	59.15	24.4	28.7	88	74	NE 1	NE 1	7	6	1.3
14	59.64	58.09	22.4	27.3	93	72	NE 1	NNE 3	7	7	.3
15	57.38	56.02	23.4	27.8	91	74	Calm	N 1	9	9	------
16	58.37	57.55	24	27.2	80	-----	NNE 2	NNE 3	7	7	------
17	59.66	58.82	18.2	27.8	94	53	NE 1	ENE 2	6	5	------
18	60.79	59.41	18.5	28.8	89	83?	NE 1	ENE 3	7	5	------
19	61.37	59.97	18	28.4	94	61	NE 1	SSW 2	4	5	------
20	60.69	59.02	18.8	28.7	92	83?	NNE 1	ENE 3	6	6	------
21	60.15	58.16	17.8	27.8	92	66	E 1	SSW 2	5	6	------
22	59.39	56.97	21.2	25.7	91	83	NE 1	SSW 1	5	9	3.6
23	58.84	56.02	21.6	26.7	93	79	NE 1	SSW 1	9	9	9.4
24	59.59	58.22	23	27.6	95	74	NE 1	SE 1	10	9	.5
25	60.82	59.17	22.9	27.3	87	72	ENE 1	NE 1	7	6	2.1
26	60.03	58.76	22.7	26.9	96	85	NE 1	E 1	10	9	2.8
27	59.38	57.45	23.3	28.4	92	75	NE 1	NE 2	9	9	------
28	59.27	57.52	24	28.8	93	73	NE 1	NE 2	6	7	------
29	57.98	56.88	23.6	27.1	90	65	NE 1	NE 3	5	9	2.5
30	58.45	56.96	22.6	27.4	89	76	NE 1	E 1	6	9	------
31	57.22	56.39?	22.4	28.2	93	76	ENE 1	SW 1	4	9	5.6
Mean	59.64	58.12	22.5	28.6	91.2	71.1	1	1.7	6.3	6.9	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	88.9

FEBRUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	57.49	55.76	23.2	29.4	97	70	NE 1	ENE 1	4	7	------
2	57.91	56.38	23.3	30.3	92	64	ENE 1	S 1	7	6	------
3	57.57	55.93	22.2	30.7	95	66	ENE 1	SW 2	4	6	------
4	57.97	56.10	23.6	27.4	95	84	ENE 1	SW 1	9	7	8.6
5	58.09	56.78	21.8	30	95	71	ENE 1	SW 1	2	3	------
6	59.26	57.06	19.4	29.1	94	68	NE 1	SW 2	2	1	------
7	57.86	56.52	19.4	28.8	96	56	ENE 1	SW 2	4	2	------
8	57.98	56.72	16.3	28.6	91	55	NE 1	WSW 2	0	1	------
9	59.96	58.20	15.8	28	91	62	NE 1	WSW 2	1	1	------
10	60.61	59.21	18.7	26.8	93	78	ENE 1	SW 1	2	9	------
11	61.14	59.13	19.8	29.8	92	67	NE 1	SW 2	9	7	.5
12	60.84	59.36	22.3	31.3	94	52	NE 1	ESE 1	7	8	------
13	60.94	58.66	21.7	31.8	94	46	NE 1	ENE 2	2	6	------
14	61.86	59.35	21.8	28.8	91	63	NE 1	ESE 2	6	7	------
15	60.38	58.73	22.8	30	91	60	NE 1	SE 2	6	6	------
16	60.49	57.99	22.3	31	94	56	NE 1	S 2	7	7	------
17	59.92	57.55	22.9	30.8	92	63	NE 1	W 2	7	7	------
18	58.84	56.25	22.3	30	99	64	NNE 1	SW 2	7	7	------
19	58.16	55.88	22.8	30.8	89	62	NE 1	E 2	7	9	------
20	58.15	56.74	25.2	30.3	87	62	E 1	E 3	9	5	25.9
21	57.61	56.32	23.8	28.1	97	75	NE 1	E 1	8	8	1.3
22	57.71	56.47	24.2	25.8	93	90	NE 1	NE 2	9	10	4.3
23	57.82	56.24	23.3	30.5	96	63	NE 1	S 2	5	6	------
24	57.94	56.65	22.8	31	93	57	NE 1	SE 2	5	6	------
25	58.78	56.80	21.3	30.2	95	68	NNE 1	SW 1	4	6	------
26	58.37	56.69	22.1	30.2	94	64	NNE 1	SSW 1	4	6	------
27	58.69	56.70	22	31.2	95	56	NNE 1	E 2	3	7	------
28	58.84	56.73	23.6	32.1	90	54	NNE 1	ESE 2	6	3	------
29	59.60	57.63	20	29.8	91	67	NE 1	S 3	4	6	.5
Mean	58.99	57.19	21.7	29.7	93.3	64.2	1	1.8	5	5.9	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	41.1

MARCH.

	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	60.19	59.10	23.2	27.4	97	64	ESE 1	E 1	9	10	------
2	60.12	58.65	22.5	26.8	87	69	Calm	ENE 3	5	8	------
3	59.74	58.75	22.4	30.3	84	56	ENE 2	ESE 2	8	3	------
4	60.69	59.89	22	32.8	93	52	N 1	E 1	9	4	------
5	59.87	59.22	22.8	26	93	87	NNE 1	NNE 2	4	8	4.3
6	59.26	57.43	23.2	30.2	97	65	NE 1	SSW 1	9	6	------
7	58.13	56	22	32	82	54	NNE 1	SW 2	5	4	------
8	58.79	56.62	21.8	31.8	95	54	NE 1	SSW 2	7	4	------
9	59.53	57.70	23.3	32.5	92	59	N 1	ENE 1	3	7	1.3
10	59.24	57.29	21.7	33	91	56	Calm	SSW 1	2	6	------
11	58.64	57.28	21.3	32.7	91	46	NE 1	EbyS 2	3	7	------
12	59.09	58.07	23.3	32.6	84	53	NE 2	ESE 2	3	9	------
13	60.19	58.99	24.7	32	84	55	NEbyE 1	ESE 2	5	7	------
14	59.29	57.72	24	30.7	91	63	ENE 2	NE 4	2	9	------
15	58.87	56.53	22.7	33.7	89	47	NE 1	E 2	4	7	------
16	58.94	58.12	21.7	29.9	93	60	E 1	ESE 2	5	10	------
17	59.87	57.98	24.4	35	83	43	SE 1	E 3	5	7	------
18	59.65	58.03	24.6	30.8	82	55	E 1	SSE 3	5	7	------
19	59.64	57.58	22.6	33.6	91	49	ENE 1	ESE 3	2	6	------
20	59.17	57.92	25	33.2	86	49	NE 1	ESE 2	3	6	------
21	59.22	58.40	24.1	32.6	90	50	NE 1	S 3	1	4	------
22	60.36	58.73	22.8	35.3	85	42	NE 1	ESE 2	4	4	------
23	60.82	59.71	24.8	34.8	79	44	NE 1	E 3	8	4	------
24	61.87	60.78	24.1	31.6	87	55	ENE 1	E 4	4	8	------
25	61.52	60.52	25.6	28.7	75	60	ENE 3	ENE 2	9	9	------
26	61.80	59.56	24.1	33.6	86	49	ENE 1	ENE 2	2	5	------
27	61.07	59.52	24.6	35.1	87	43	NE 1	NE 2	4	6	------
28	61.04	58.39	23.6	32.8	87	56	NE 1	ENE 2	1	7	------
29	59.64	57.36	23.5	33.9	89	50	Calm	ESE 2	1	3	------
30	59.29	56.96	23.1	34.7	90	46	NE 2	NE 3	0	5	------
31	58.52	56.40	24.6	35	83	51	NE 1	SSW 2	5	4	------
Mean	59.81	58.23	23.4	32.1	87.8	54.3	1.1	2.2	4.4	6.3	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	5.6

APRIL.

	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	57.59	55.71	21.6	33.3	88	53	NE 1	SW 2	4	5	------
2	57.59	56.97	24.1	33.1	86	50	NE 1	SW 2	3	3	------
3	60.08	58.18	22.6	34.3	89	49	NE 0	SW 2	2	2	------
4	60.43	58.42	23.1	32.1	80	56	ENE 1	SE 1	4	8	------
5	60.72	60.56?	24.5	26.6	86	83	NE 1	ESE 2	7	10	1
6	61.27	60.01	24.6	32.8	83	50	ENE 1	ENE 3	7	6	------
7	62.25	60.72	23.8	35.1	88	44	EbyN 1	ESE 3	2	6	------
8	62.30	59.78	25.1	32.8	80	49	ESE 1	E 3	8	7	------
9	60.96	59.39	25.3	29.6	83	75	ENE 2	NE 2	9	9	.2
10	60.52	59.23	24.7	34.3	86	47	ENE 0	SE 2	10	7	------
11	60.76	59.20	24.5	30.2	86	60	NE 1	E 4	5	10	------
12	60.57	59	25	33.3	84	53	ENE 2	ENE 3	10	7	------
13	60.27	58.86	24.8	35.3	87	46	ENE 1	ENE 3	4	6	------
14	60.02	58.40	24.6	33.1	83	52	NE 1	SSE 2	1	10	------
15	59.04	57.11	23.1	35.4	86	41	NNE 1	ESE 2	3	4	------
16	59.16	56.73	20.7	33.7	86	45	NE 1	E 2	4	9	------
17	57.32	55.21	25.1	30.3	80	68	ENE 1	SW 2	8	10	------
18	56.07	54.63	24.6	33.2	84	56	Calm	SW 2	7	6	3.6
19	56.17	55.18	23.3	32.6	95	55	NNE 1	W 2	2	4	------
20	56.47	54.88	23.6	32.6	91	58	NE 1	W 2	6	4	------
21	56.47	55.17	24.2	32.2	87	60	NNE 1	W 2	4	4	------
22	56.93	55.87	25.1	32.1	84	57	NE 1	SW 2	10	6	------
23	56.33	54.56	25.1	33.6	84	53	NE 1	SW 2	4	6	------
24	56.62	54.63	24.1	35.3	87	38	NE 1	S 2	4	4	------
25	57.28	55.36	24.6	35	83	44	ENE 1	WSW 1	1	4	------
26	58.34	56.71	24.4	34.6	88	51	NE 1	SW 2	2	5	------
27	58.36	56.54	24	34.1	85	52	NE 1	S 2	1	6	------
28	58.52	56.36	25.1	34.4	88	50	ENE 1	SW 2	2	7	------
29	58.38	56.16	24.6	34.6	88	52	NE 1	SW 2	3	6	------
30	58.80	56.96	25.6	27.5	84	81	NE 1	W 1	8	9	4.3
Mean	58.85	57.20	24.2	32.9	85.6	54.3	1	2.1	4.8	6.3	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	9.1

BATANGAS.

$\phi = 13° 45'$ N; $\lambda = 121° 03'$ E; barometer above sea, 8 meters; gravity correction not applied, —1.75 mm.]

MAY.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	58.94	57.03	23.1	32.1	89	63	NE 1	SW 1	5	7	------
2	58.25	56.27	22.5	34.1	92	46	NE 1	NE 1	0	10	------
3	57.10	56.85	24.8	28.2	85	72	NNE 1	ENE 2	6	10	6.4
4	57.43	56.69	24.2	29	95	78	NE 1	NE 1	10	10	34.8
5	57.34	56.16	23.1	31.6	91	66	NE 1	WSW 1	4	7	------
6	57.48	56.28	25.1	31.6	89	62	NE 1	E 2	4	9	------
7	57.07	55.96	24.8	33.6	93	56	NE 1	SW 2	9	5	4.3
8	58.36	56.93	25.1	32.6	91	58	ENE 1	NE 3	5	5	5.8
9	58.81	57.71	25.6	33.9	88	52	NE 1	NE 1	10	7	2
10	58.54	56.92	24.2	31.1	93	61	NE 1	SE 3	3	9	8.9
11	57.91	56.21	25.1	32.1	91	60	ENE 1	SE 2	6	7	------
12	58.40	56.46	25.6	31.8	92	62	E 1	WSW 1	10	8	------
13	58.03	56.92	24.6	30.6	95	62	NE 1	W 2	8	9	------
14	57.12	55.56	24.4	31	93	63	E 1	SSW 1	10	10	.5
15	56.59	55.31	24.2	32.6	91	49	NE 1	SE 2	10	10	2.5
16	58.07	57.88	25.2	31.1	88	56	NE 1	SE 2	10	9	------
17	59.37	58.02	24.6	34.3	88	51	NE 1	E 1	5	6	------
18	58.91	57.06	25.3	34.2	87	49	NE 1	S 2	6	4	------
19	58.20	55.87	25.4	35.6	86	46	S 1	SSE 2	8	4	1.8
20	58.02	56.74	25	31.1	92	66	NE 1	S 2	5	8	------
21	57.61	56.08	24.6	35.1	92	49	ENE 1	SE 1	4	4	------
22	57.21	56.22	25.6	32.1	88	54	ENE 1	NE 1	10	10	------
23	57.51	56.16	26.1	35.6	82	47	E 1	ESE 3	1	7	------
24	57.73	56.41	25.6	36.1	84	45	E 1	ENE 2	7	8	------
25	57.87	56.39	25.6	33.6	88	57	NE 1	NW 2	4	9	------
26	57.27	56.18	24.1	29.9	91	75	NE 1	NE 1	3	10	------
27	56.30	54.57	26.7	31.1	87	66	ENE 1	SE 2	9	9	.3
28	55.75	55.26	26.1	31.1	92	69	S 1	S 3	10	10	16.3
29	56.21	54.92	25.2	32.5	96	61	ENE 1	ESE 2	10	10	8.3
30	57.62	56.37	24.6	30.3	92	70	NE 1	WSW 2	10	10	------
31	57.36	56.82	24.1	30	96	75	NE 1	WSW 1	10	10	.5
Mean	57.69	56.39	24.9	32.2	90.3	59.5	1	1.7	6.8	8.1	------
Total	------	------	------	------	------	------	------	------	------	------	92.4

JUNE.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	57.32	56.48	24.3	31.2	94	65	NE 1	SW 2	10	8	1.3
2	56.53	55.44	23.7	31.9	94	55	NE 1	SW 2	9	7	------
3	56.73	55.75	23.7	33.1	91	55	ENE 1	SSW 2	9	6	------
4	56.47	55.84	24.2	32.8	94	61	ENE 1	SW 1	6	8	6.6
5	56.98	55.14	25.2	32.1	94	69	NE 1	SW 1	10	9	5.1
6	56.57	54.35	25	33.1	89	59	NE 1	SW 2	6	8	------
7	56.75	54.29	26	30.6	85	60	SE 1	SSW 2	10	9	2.3
8	55.48	54.03	24.2	31	95	69	NE 1	SW 2	10	10	15
9	55.84	53.69	24.6	32.4	95	62	NE 1	SSE 1	10	10	18.8
10	56.38	54.45	24.8	30	92	75	NE 1	SSW 1	10	10	3.3
11	55.30	53.40	25.1	30.6	96	70	E 1	SW 2	10	10	3.6
12	53.89	52.33	24.7	30	95	73	ENE 1	SW 3	10	10	30
13	53.06	53.27	24.2	27.5	95	78	E 1	swby W 3	10	10	15
14	53.99	54.90	26.1	28.1	85	75	WSW 2	WSW 4	10	10	19.8
15	54.69	54.24	24.1	30.1	96	75	NE 1	NW 2	10	10	.3
16	54.43	54.01	24.6	29.9	96	76	SE 1	WNW 2	9	10	------
17	54.88	54.38	25.1	31	92	71	WSW 1	WNW 2	10	10	------
18	56.48	55.63	25.2	30.6	95	74	ESE 1	WSW 2	10	8	1.3
19	57.17	55.70	24.6	30.4	95	76	NNE 1	SSW 2	9	9	3
20	56.99	55.65	24.7	30.5	87	67	W 1	S 1	10	8	------
21	56.76	55.54	25	29.3	93	73	ESE 1	WSW 4	9	10	2.5
22	56.99	56.70	24.2	29	95	68	NE 1	NW 2	10	10	------
23	57.98	57	24.2	31.6	95	68	ENE 1	WNW 1	10	10	.5
24	58.80	57.88	22.6	31.6	91	61	E 1	WSW 2	9	9	3.8
25	59.72	58.32	24.6	31.4	95	68	ENE 1	SSW 2	10	9	.8
26	59.75	56.95	25.1	31.4	96	68	ESE 1	SSW 1	10	8	.5
27	58.54	57.28	23.6	29.6	95	77	NE 1	ENE 1	8	8	.3
28	58.37	57.15	24.6	31.4	95	67	N 1	W 2	10	9	2
29	59.07	59.04	24.6	27.5	97	84	E 1	ENE 1	8	10	4.3
30	58.72	57	24.1	30.1	96	68	E 1	SSE 2	10	8	5.6
31	------	------	------	------	------	------	------	------	------	------	------
Mean	56.66	55.53	24.6	30.7	93.4	68.9	1	1.9	9.4	9	------
Total	------	------	------	------	------	------	------	------	------	------	145.7

JULY.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	57.65	56.35	23.1	32.6	96	62	ENE 1	S 2	6	5	------
2	58.11	57.42	24.1	27.5	94	87	NE 1	N 1	9	9	31
3	57.46	56.36	23.6	33	95	56	NE 1	SE 2	10	8	6.1
4	56.38	56.84	25.1	27.1	92	81	ENE 2	WSW 2	10	10	29.7
5	58.25	57.34	23.6	30.6	96	74	N 1	SW 2	9	10	.6
6	58.61	58.52	25	26.8	92	89	N 1	NNE 2	10	10	1
7	59.02	57.67	24.1	30.6	96	70	ENE 1	N 1	4	6	8
8	58.39	56.60	24.6	30.9	94	66	N 1	N 1	8	10	3
9	58.13	56.82	24.4	32.6	94	53	NE 1	S 2	7	9	------
10	58.52	57.20	24	34.5	93	56	NE 1	ENE 2	2	7	------
11	58.59	57.35	24.1	34.1	91	53	NE 1	E 2	9	8	------
12	58.33	57.44	24.1	29.6	91	72	NNE 1	SE 1	10	10	------
13	58.42	58.08	24.6	30.6	93	74	NE 1	S 1	10	7	3.8
14	58.35	57.13	24.5	30.6	92	72	NNE 1	SW 2	9	10	3
15	57.93	57.58	24.1	28.7	97	80	E 1	NW 1	10	10	2.5
16	57.77	56.45	23.6	28.1	96	85	E 1	SSW 1	10	10	22.9
17	57.17	56.28	23.2	28.9	97	79	NNE 1	ESE 1	10	10	5.3
18	56.97	56.72	24.6	30.5	95	72	E 1	NE 1	10	10	.8
19	57.39	56.29	24.7	30.3	96	74	NW 1	SW 1	10	9	1.1
20	57.33	55.52	24.1	29.6	96	72	Calm	W 2	10	9	.8
21	57.34	55.90	24.1	29.6	93	77	ENE 1	SW 1	5	10	------
22	56.18	55.30	23.9	30.1	96	75	SW 1	S 1	8	10	7.9
23	55.50	54.40	24.9	31.5	95	70	Calm	W 3	10	7	------
24	55.85	55.15	24.6	30.6	92	68	NNE 1	W 3	10	8	------
25	56.98	55.88	24.6	30.6	96	72	SW 1	W 2	10	8	.3
26	56.28	55.73	24.6	30.2	95	75	NNW 1	W 3	10	10	------
27	55.83	55.18	25.1	31.7	92	62	Calm	W 2	10	4	------
28	55.73	55.46	23.9	33	96	61	N 1	SSW 2	1	9	------
29	55.79	55.49	23.7	31.7	97	65	NNW 1	W 2	1	4	------
30	56.24	55.28	24.1	33.1	96	58	NE 1	SW 2	1	7	.3
31	56.94	55.07	24.6	32.6	94	64	ENE 1	WSW 2	1	6	------
Mean	57.34	56.41	24.2	30.7	94.4	70.1	0.9	1.7	7.7	8.4	------
Total	------	------	------	------	------	------	------	------	------	------	123.1

AUGUST.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	57.64	56.63	25.3	31.7	94	68	E 1	SSW 2	10	10	------
2	57.84	56.79	24.4	32.1	95	61	NNW 1	W 2	10	10	0.5
3	58.16	57.30	25.7	30.8	84	65	E 1	WSW 3	10	10	------
4	58.73	58.22	24.6	30	95	66	N 1	WNW 3	10	10	.3
5	58	57.28	25.1	30.9	94	67	Calm	WNW 2	10	10	------
6	58.23	56.67	24.6	25.8	93	89	NW 2	WSW 2	10	10	1
7	57.93	57.07	24	32.6	91	61	N 1	WNW 2	10	10	------
8	58.40	56.76	22.6	32.8	93	53	ENE 1	WNW 2	8	8	------
9	56.83	55.48	28	33	70	57	SW 2	W 4	10	10	------
10	54.60	54.56	28.1	31.1	77	69	WSW 3	W 3	8	10	4.6
11	54.09	53.24	28.4	30.6	74	70	SW 5	SW 3	10	10	------
12	53.94	53.85	27.6	30.6	82	70	SSW 2	WSW 2	10	10	2.3
13	54	54.42	28.3	31.6	80	68	SW 3	SW 3	8	10	1
14	56.38	56.75	24.7	30.1	91	75	NE 1	W 3	9	10	------
15	58.66	57.76	23.6	32.8	95	61	N 1	SW 2	10	5	------
16	58.73	57.39	24.9	31.6	93	61	NNE 1	W 3	7	7	1.8
17	57.65	56.23	25.9	31.4	83	60	W 1	W 3	8	7	------
18	58.13?	55.61	26.9?	33.3	77?	57	SW 3	WSW 4	10	3	------
19	57.15	56.42	24.8	31.8	92	61	N 1	WNW 3	5	9	------
20	57.33	56.56	24.4	33.1	87	53	NE 1	W 3	10	3	------
21	57.99	57.58	24.6	32.7	92	58	Calm	SSW 2	8	8	------
22	59.41	57.41	23.7	30.3	91	70	NE 1	SSW 2	1	9	1.8
23	58.77	56.48	23.6	32.7	96	66	Calm	SSW 2	1	10	------
24	57.21	55.87	23.6	33	95	59	NE 1	SSW 2	10	10	.5
25	57.54	56.36	23.8	35.4	98	45	N 1	SSW 2	10	8	------
26	58.47	57.25	24.1	34.2	91	56	N 1	SSW 2	10	10	.8
27	58.07	56.82	23.6	33.7	95	58	NE 1	NE 2	9	10	------
28	57.68	56.41	24.1	32.8	92	58	Calm	SW 2	8	9	7.1
29	57.32	56.94	24.1	27.8	96	79	Calm	S 2	10	10	8.9
30	57.56	57.33	23 6	32.1	96	63	N 1	SSW 2	8	7	------
31	58.97	57.80	23.6	28.6	96	79	E 1	SW 1	1	6	2.5
Mean	57.46	56.49	25	31.6	89.5	64	1.3	2.4	8.2	8.7	------
Total	------	------	------	------	------	------	------	------	------	------	33.1

BATANGAS.

[ϕ=13° 45′ N; λ=121° 03′ E; barometer above sea, 8 meters; gravity correction not applied, —1.75 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	59.31	57.45	23.4	28.9	93	73	Calm	N 1	10	10	20.3
2	57.87	56.04	24	30.5	96	74	N 1	W 1	10	10	1.5
3	55.98	54.38	25	30.6	95	70	Calm	W 3	10	10	------
4	54.41	54.28	27.1?	25.7	77?	87	WSW 2	WSW 2	10	10	2.5
5	56.02	55.69	24.3	29.3	97	74	WNW 1	SSW 2	10	10	1.6
6	57.16	55.98	23.5	31.7	96	63	NE 1	SSE 4	10	10	------
7	57.39	55.92	24.2	31.8	97	66	NE 1	W 2	10	10	25.9
8	57.90	57.29	23.1	27.1	95	83	NNE 1	N 1	5	10	2.8
9	57.38	55.71	22.6	29.6	96	75	NNE 1	Calm 7		9	4
10	57.16	56.49	23.7	28.8	96	80	Calm	NE 1	10	10	1.5
11	57.69	56.53	24.3	31.5	96	65	ENE 1	S 3	10	10	1.3
12	59.14	58.49	24.1	28.8	96	79	Calm	S 1	10	10	4.1
13	57.94	56.71	24.1	26	97	90	Calm	Calm	10	10	20.4
14	56.69	54.76	23.9	29.5	95	73	Calm	N 1	10	10	14.9
15	55.74	55.76	23.5	26.4	96	89	ENE 1	NE 1	10	10	16.5
16	57.24	56.21	23.6	29.6	98	78	E 1	SSE 1	10	10	12.5
17	57.67	55.86	23.2	29	98	76	Calm	W 1	10	10	------
18	55.81	55.35	22.9	31.1	97	71	Calm	W 2	1	10	------
19	55.90	55.40	23.5	30.1	97	71	Calm	WSW 2	2	9	------
20	56.88	55.66	24.1	32.1	94	68	E 1	W 2	4	8	------
21	55.81	54.52	25	31	96	72	N 1	WNW 2	8	8	.5
22	54.88	52.99	25.5	30	97	78	NNW 1	WSW 1	9	10	22.1
23	53.60	52.06	24.6	27.7	97	82	NNW 1	WSW 2	10	10	41.2
24	52.72	51.22	25.1	27.6	92	84	WSW 2	SSW 2	10	10	38.2
25	52.44	52	25	28.3	92	77	WSW 3	SSW 2	10	10	12.7
26	54.35	53.98	24.1	26.6	94	90	ESE 2	Calm	10	10	5.6
27	56.71	55.73	26	30.5	81	67	SW 2	SW 3	10	10	.8
28	56.25	56.19	24.7	29	96	78	NNE 1	W 5	10	10	39.1
29	56.19	55.48	23.9	28.9	97	79	WNW 2	W 3	10	10	25.9
30	56.35	55.92	22.6	31.4	95	72	NNE 1	SW 2	5	9	1.3
31	------	------	------	------	------	------	------	------	------	------	------
Mean	56.35	55.34	24.2	29.3	94.6	76.1	0.9	1.8	8.7	9.8	------
Total	------	------	------	------	------	------	------	------	------	------	317.2

OCTOBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	58.12	56.08	23.7	30	97	78	Calm	SW 1	1	8	30
2	58.74	56.57	24.5	31.5	96	78	N 1	SSW 3	10	10	2.3
3	57.94	57.09	23.6	29.3	95	81	ENE 1	WSW 2	10	10	26.7
4	58.07	56.99	23	28.3	97	81	NE 1	SW 2	10	10	1
5	58.33	56.99	23.2	29	97	76	N 1	WNW 1	10	10	------
6	57.62	56.17	23.9	27.1	95	82	E 1	NNE 1	10	10	15.5
7	57.32	56.13	22.9	31.4	97	70	E 1	WSW 2	10	10	6.9
8	57.67	56.16	23.1	28.2	96	79	NE 1	NNE 2	10	10	1.3
9	58.57	57.10	23.6	28.4	95	82	NNE 1	W 2	10	10	1.3
10	59.06	57.58	24.2	30	96	77	SW 1	SSW 2	10	10	------
11	58.43	56.84	22.6	32	96	66	ENE 1	SSW 2	10	9	------
12	57.94	56.02	23.1	32	95	67	E 1	SSE 2	10	9	------
13	57.93	57.07	23.6	30	94	81	NNE 1	NW 1	1	10	5.4
14	57.82	56.36	24	30.3	97	78	ENE 1	ENE 3	10	10	.8
15	56.67	55.79	23	27.1	97	87	Calm	NNE 1	8	10	5.1
16	56.45	54.88	23.1	27	97	86	NNE 1	NNW 2	10	10	8.1
17	56.63	55.47	24.5	27.9	97	88	E 1	SSW 2	10	10	1
18	57.59	56.10	24.3	31.1	96	75	E 1	SSW 2	10	10	------
19	57.16	55.25	25.3	32.9	93	66	ENE 2	S 3	10	10	------
20	56.58	55.32	25.1	31.3	94	69	N 2	ENE 3	5	8	8.4
21	57.87	57.13	24.4	30.9	94	68	Calm	E 2	5	10	4.8
22	57.91	56.28	23.9	29.6	93	81	N 1	NE 2	10	10	6.1
23	57.88	55.78	24.6	32.4	95	65	Calm	SSE 2	2	10	------
24	58.12	57.43	24.1	28.1	96	87	S 1	NNE 2	9	10	6.3
25	58.33	57.43	25	32.3	94	64	E 2	E 3	5	5	.8
26	60.22	58.69	24.4	26.9	94	86	W 1	SE 2	8	10	4.8
27	59.47	57.68	23	29.1	97	71	ENE 1	ENE 3	7	10	.5
28	57.93	56.71	23.6	29.4	93	76	W 1	NE 2	2	8	7.9
29	58.52	57.54	23.1	26.5	95	85	N 1	N 1	2	10	3.3
30	59.07	57.45	23	28	93	82	Calm	SSW 1	8	10	5.8
31	57.84	56.01	23.4	28.6	95	74	ENE 1	NNE 1	10	10	1.5
Mean	57.99	56.58	23.8	29.6	95.4	77	0.9	1.9	7.8	9.6	------
Total	------	------	------	------	------	------	------	------	------	------	155.6

NOVEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	56.34	54.81	23.6	31.2	93	64	NNE 1	ENE 3	10	8	------
2	56.53	55.23	23.3	29.6	96	67	NNW 1	ENE 3	8	9	------
3	58.01	56.29	23.4	30.8	95	69	NNE 1	ENE 1	6	7	------
4	58.19	56.08	24	30.9	92	71	NNE 1	NNE 1	8	8	------
5	57.59	55.37	21?	30.7	100?	67	N 1	SSW 1	6	3	------
6	56.68	55.44	21.5	31.1	95	65	ENE 1	SSW 2	1	6	------
7	56.75	55.42	22.8	31	95	65	E 1	WSW 2	6	5	------
8	56.44	56.22	22.1	31.1	95	62	ENE 1	SSW 2	1	2	------
9	57.99	56.53	21.8	32	94	67	NE 1	WSW 2	2	6	1.3
10	58.74	57.67	24.2	27.5	95	75	ENE 1	ENE 2	10	10	2.3
11	58.32	57.22	22.1	31.6	96	56	NE 1	ENE 3	9	9	------
12	58.79	58.32	24.5	25.5	86	86	NE 3	NE 2	9	10	1.6
13	60.14	58.60	24.2	27.6	86	79	ENE 1	NE 2	9	10	8.1
14	59.34	57.39	21.6	28.1	93	73	NE 1	NE 2	2	10	.5
15	57.33	55.81	23	29.1	93	72	E 1	NNE 3	10	10	------
16	56.32	54.21	22.6	28.6	95	72	NW 1	SW 2	10	10	------
17	56.11	55.50	23.8	31.1	97	65	NE 1	SSW 3	8	7	------
18	57.87	56.14	23.1	30	96	78	NE 1	SSW 2	8	8	------
19	57.96	56.08	24.1	33	95	56	NE 1	ENE 2	10	8	5.6
20	57.46	56.31	24.6	28.9	97	81	E 1	NNE 2	10	10	6.6
21	58	57.01	23.4	29	94	74	N 1	NNE 2	10	10	16.7
22	58.54	56.89	23.1	28.9	96	83	ENE 1	SSW 3	10	10	21.4
23	57.92	56.78	23	28.4	97	80	NE 1	Calm	10	10	1.6
24	58.22	56.38	23.6	31	93	67	NE 2	SSW 2	6	7	------
25	57.29	55.32	23.1	26.6	96	89	Calm	NNW 1	10	10	28.4
26	56.01	54.05	22	28.6	96	76	Calm	S 1	6	10	17.3
27	55.81	54.03	22.2	30.3	95	70	NNE 1	WNW 2	5	9	.3
28	57	54.71	22.6	28.7	96	78	ENE 1	SW 2	3	10	4.6
29	56.54	55.25	22.1	30.1	96	55	ENE 1	NNE 3	7	10	------
30	57.97	56.96	23.2	27.6	81	68	ENE 1	S 1	10	10	------
31	------	------	------	------	------	------	------	------	------	------	------
Mean	57.54	56.07	23	29.6	94.1	70.8	1	2	7.3	8.4	------
Total	------	------	------	------	------	------	------	------	------	------	116.3

DECEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	58.59	56.47	18.7	27.1	93	66	NE 1	Calm	4	9	------
2	57.40	55.90	22.4	28.4	88	66	Calm	NNW 1	10	10	------
3	57.04	56.74	23.3	30.6	90	63	ENE 1	ENE 3	10	10	4.3
4	58.18	56.62	23.6	31.5	94	63	Calm	E 3	10	10	------
5	57.70	55.52	21.9	31.7	96	59	NE 1	E 3	1	9	------
6	57.39	56.05	21.6	29	96	71	N 1	N 1	2	10	------
7	57.19	56.10	20.6	27.1	94	85	ENE 1	NNW 1	1	10	6.8
8	57.07	55.38	22.5	30	96	69	NE 1	ENE 3	2	10	2.8
9	57.04	55.99	22.6	31.2	95	56	E 1	E 3	2	3	------
10	57.87	56.34	22.6	32	96	60	Calm	ENE 2	6	3	------
11	57.68	56.23	22.8	31.6	93	60	NE 1	E 2	2	2	------
12	57.44	56.13	21.6	30.6	95	64	ENE 1	NNE 3	0	10	4.8
13	57.57	56.29	22.1	31.1	96	58	NW 1	E 3	6	8	------
14	57.54	55.90	23.1	30	96	73	NE 1	ENE 3	8	10	1.5
15	56.79	55.61	23.4	27.6	93	81	NNE 1	NNE 2	3	10	9.2
16	56.43	54.60	24	31.1	90	68	NNE 2	ENE 3	6	8	1.5
17	56.42	54.80	23.6	32.1	95	58	NNE 1	ENE 2	5	4	3
18	56.37	54.33	24.2	32	91	63	ENE 2	ENE 3	3	6	------
19	56.44	54.83	24.1	32.1	94	55	N 1	NNE 3	5	9	------
20	57.22	55.78	22.6	30.2	95	64	ENE 1	E 3	1	10	------
21	58.67	56	23	32.5	93	52	NNE 1	E 3	2	2	------
22	57.96	55.83	21.4	32.1	93	54	NE 1	E 2	3	6	------
23	57.53	55.93	22.3	29.1	97	73	NE 1	SW 1	7	8	2.3
24	57.33	56.13	22.8	31	95	50	NNE 1	NE 2	6	8	------
25	58.46	56.76	21.2	29.7	95	66	N 1	E 1	1	10	------
26	58.93	56.35	23.1	25.3	95	92	NNE 1	SSE 1	10	9	8.2
27	57.19	56.72	23	25.3	93	88	N 1	ENE 2	10	10	16.5
28	58.58	57.18	22.6	25.4	89	76	NE 1	NE 4	10	10	------
29	57.13	55.90	23.4	27.2	85	73	ENE 4	E 4	9	10	2.5
30	57.02	55.65	23	27.7	93	75	NE 1	ENE 1	5	10	1.8
31	57.81	55.80	23.6	30.4	95	66	NE 1	SE 2	10	8	------
Mean	57.45	55.93	22.6	29.8	93.5	66.7	1.1	2.3	5.2	8	------
Total	------	------	------	------	------	------	------	------	------	------	65.2

LUCENA.

[ϕ=13° 56′ N; λ=121° 37′ E; barometer above sea, 8 meters; gravity correction not applied, —1.74 mm.]

JANUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature 6 a. m.	Temperature 2 p. m.	Relative humidity 6 a. m.	Relative humidity 2 p. m.	Wind, direction and force (0–12) 6 a. m.	Wind, direction and force (0–12) 2 p. m.	Cloudiness 6 a. m.	Cloudiness 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1											
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											
13		59.79		27		88	NE 5	NE 4	10	9	41.6
14	59.02	57.56	24.5	24.8	90	93	NE 5	NE 5	10	10	3.6
15	56.35	55.70	24.1	25.5	97	93	ENE 5	ENE 5	10	10	.8
16	57.12	57.52	24.2	25.9	84	81	ENE 5	NE 6	10	9	
17	59.13	58.95	22.2	25.4	88	73	NE 4	NE 4	4	7	
18	60.77	60.29	20.8	25	97	81	ENE 3	ENE 2	9	9	2.3
19	61	60.45	22.2	27.1	95	87	E 2	ENE 2	8	8	
20	60.97	59.83	22	26.4	74	65	ENE 1	NE 2	8	7	
21	60	58.49	20.5	27.2	93	81	Calm	NE 2	9	8	
22	58.88	57.21	23.8	27.7	92	91	NE 1	NE 2	9	10	8
23	58.07	56.64	23.7	30.8	98	82	NE 1	NE 2	10	8	5.3
24	59.03	58.20	23.8	25.9	98	97	NE 2	E 3	10	10	3.5
25	60.42	59.91	23	25	96	93	NE 3	ENE 3	10	10	12.2
26	59.36	58.73	23.2	26.2	98	94	ENE 2	NE 2	10	9	27.9
27	59.28	57.71	24.5	27	92	92	ENE 2	NE 2	10	10	2.6
28	58.83	57.26	24.1	28.1	96	87	ENE 1	E 3	8	10	.5
29	58.11	57.01	23.8	26	97	88	ENE 3	NE 2	10	10	4
30	58.35	57.45	24.5	26.3	90	82	NE 2	NE 3	10	9	.3
31	57.38	56.40	23	27.3	95	84	E 1	NE 2	5	9	
Mean	59.03	58.16	23.2	26.6	92.8	86.2	2.5	3	8.9	9.1	
Total											

FEBRUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature 6 a. m.	Temperature 2 p. m.	Relative humidity 6 a. m.	Relative humidity 2 p. m.	Wind, direction and force (0–12) 6 a. m.	Wind, direction and force (0–12) 2 p. m.	Cloudiness 6 a. m.	Cloudiness 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	57.52	56.52	23.5	29.6	95	79	ENE 1	NE 3	6	6	
2	57.77	56.65	23.4	28.1	97	88	NE 1	E 2	9	9	
3	57.65	56.67	22.3	29.4	99	82	Calm	SE 1	4	4	
4	57.90	56.97	23	28.1	92	81	Calm	SW 2	9	9	1.5
5	57.87	56.91	22.1	29.5	99	81	W 1	S 2	5	4	
6	58.83	57.57	18.4	30	96	75	NW 1	S 2	4	3	
7	57.42	56.40	18.7	29	99	77	N 1	S 2	3	2	
8	57.69	56.83	14.2	27.4	94	81	N 1	S 2	1	1	
9	59.46	58.75	14.7	29	98	70	N 1	S 1	1	1	
10	60.49	60.09	20.5	29.4	100	73	NW 1	NE 2	9	5	4.6
11	60.80	59.77	22.9	29.4	100	84	Calm	NE 2	8	7	
12	60.86	59.97	23	27.9	97	84	NE 1	NE 2	9	8	
13	61.35	59.82	21.4	27	96	87	Calm	S 1	8	7	1.5
14	61.85	60.60	22.6	25.5	99	92	ENE 1	NE 4	9	9	6.6
15	60.14	59.27	22.9	28.7	97	80	NE 2	E 2	5	7	2.8
16	60.33	59.26	22.6	29.5	99	72	NE 1	S 1	6	7	
17	59.91	58.26	23	30.4	99	68	NE 1	SE 1	8	6	
18	59.15	57.49	23	30.5	97	68	Calm	ENE 2	7	9	
19	58.07	57.03	24.2	29	95	71	NE 1	ENE 2	8	9	
20	57.87	56.87	24.5	29.7	96	75	ENE 1	NE 1	10	9	11.4
21	57.84	56.78	24.9	29.4	92	76	ENE 1	ENE 2	10	9	8.9
22	57.70	57.14	25	26	95	92	NE 2	NE 2	10	10	13.3
23	58.02	57.53	24.4	29.6	97	67	NE 1	SE 2	8	4	
24	58.20	57.77	23	29.6	98	64	NE 1	S 2	7	6	
25	58.98	57.67	22.5	30.5	96	67	NE 1	E 2	5	8	
26	58.47	57.84	22	30.8	97	63	Calm	E 2	10	7	.8
27	58.62	57.44	23	29.5	96	71	NE 1	NE 2	9	9	9.1
28	58.36	57.77	23.4	29	95	68	Calm	E 2	8	7	
29	58.97	58.36	22.9	30.5	91	61	NE 1	ENE 3	5	7	
Mean	58.92	57.93	22.1	29	96.6	75.8	0.8	1.9	6.9	6.5	
Total											60.5

MARCH.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature 6 a. m.	Temperature 2 p. m.	Relative humidity 6 a. m.	Relative humidity 2 p. m.	Wind, direction and force (0–12) 6 a. m.	Wind, direction and force (0–12) 2 p. m.	Cloudiness 6 a. m.	Cloudiness 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	59.50	59.63	24.5	25.6	87	81	NE 2	NE 4	9	10	
2	60.08	59.35	24	27.5	83	76	ENE 1	E 2	10	9	1.3
3	60.36	59.93	22.1	28	91	76	ENE 1	E 2	9	9	.5
4	60.80	59.86	21.7	30.1	94	67	NNE 1	SSE 1	4	9	
5	60.03	59.43	24.4	26.8	82	79	NNE 2	E 3	9	9	2
6	59.49	58.02	24.3	29.4	83	64	ENE 2	NE 3	10	6	
7	58.06	57.27	23.6	29.4	91	71	NE 1	S 1	9	7	
8	58.78	57.76	22.5	30.2	91	70	N 1	S 2	10	3	
9	59.78	58.95	23.8	30.5	91	63	NE 1	ENE 4	4	5	
10	59.52	58.39	23.6	31.5	86	55	NE 1	E 2	5	4	
11	58.98	58.21	20.5	29.6	96	53	Calm	NE 3	4	3	
12	59.97	59.06	23.8	29.2	88	66	NE 1	NE 3	4	8	
13	60.57	59.87	24	28.1	91	76	NE 1	NNE 3	4	8	
14	59.88	58.71	24	29.2	95	70	NE 1	NE 3	5	7	1
15	59.09	57.77	23.5	29.8	86	64	NE 2	NE 3	8	7	
16	59.12	58.84	23.8	28.5	89	68	NE 1	NE 3	7	10	
17	60.31	59.09	23.5	29.5	91	72	NE 1	NE 2	5	6	1.8
18	60.16	59.23	24	26	91	82	NE 1	NNE 2	8	10	
19	60.45	58.57	22.3	31.2	93	56	NE 1	ENE 2	4	4	
20	59.64	58.99	23.4	30.6	93	60	NE 1	E 2	3	7	
21	59.78	59.08	23.2	31.4	96	58	NE 1	S 2	4	3	
22	60.63	59.77	24	31.5	88	56	NE 1	NE 4	4	4	
23	61.32	60.87	24	30.9	89	58	Calm	NE 3	7	4	16.3
24	62.33	61.88	23.5	26.7	96	88	NE 1	E 2	9	10	1.3
25	62.46	60.98	24.2	28.8	82	62	NE 2	E 2	10	9	.8
26	62.36	60.69	23	30.5	92	60	NE 1	NE 3	5	6	
27	61.54	60.48	23.2	30.5	93	62	NE 1	NE 2	5	7	
28	61.21	59.36	23.8	32	89	58	NE 1	E 1	3	3	
29	60.02	58.33	24	31.5	88	51	NE 1	NE 3	1	3	
30	59.90	58.07	22.5	30.1	95	62	NE 1	NE 3	2	5	
31	58.85	57.41	24	32.6	91	53	NE 1	ENE 2	6	4	
Mean	60.16	59.15	23.4	29.6	90	65.5	1.1	2.5	6	6.4	
Total											25

APRIL.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature 6 a. m.	Temperature 2 p. m.	Relative humidity 6 a. m.	Relative humidity 2 p. m.	Wind, direction and force (0–12) 6 a. m.	Wind, direction and force (0–12) 2 p. m.	Cloudiness 6 a. m.	Cloudiness 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	57.33	56.64	21.3	31.3	95	63	N 1	S 2	7	7	
2	58.08	57.92	22.5	32	95	43	NE 1	NE 2	5	3	
3	60.36	58.97	22	33.2	96	41	Calm	ENE 2	4	5	
4	60.76	59.17	21.9	32.4	93	53	Calm	ENE 2	7	6	24.4
5	61.04	60.98	23.8	25.6	95	88	NE 1	NE 2	10	10	63
6	61.90	61.08	23.8	29.4	91	62	NE 1	NE 3	10	6	
7	62.75	61.78	23.2	30.6	91	63	NE 1	E 3	5	5	1.8
8	62.84	60.76	23.5	28.5	90	66	NE 1	NE 4	7	9	2.5
9	61.25	60.21	23.9	27.5	91	82	ENE 1	NE 2	8	9	.3
10	60.92	60.11	25.2	30.1	88	67	NE 2	NE 2	9	6	
11	60.97	59.92	24.7	27.2	86	81	ENE 2	NNE 2	9	7	5.1
12	60.77	59.83	24	30	91	67	E 2	ENE 3	8	6	1.5
13	60.78	59.61	24	31	95	64	NE 1	NE 3	4	3	
14	60.62	59.33	24.6	29.2	91	74	NE 1	NE 3	5	9	
15	59.42	58.33	23	31.2	97	44	Calm	E 2	4	6	
16	59.29	57.99	21.1	30	95	60	NE 1	NE 2	10	7	
17	57.61	56.39	25.7	28.4	84	80	E 1	NE 3	9	9	2.3
18	55.80	55.01	24	31.8	91	58	N 1	NE 2	4	7	
19	56.25	55.76	24	31	91	68	Calm	N 1	8	5	4.6
20	56.91	55.47	24.4	29.4	93	71	Calm	S 1	6	7	
21	56.45	55.47	23.6	31.5	95	62	Calm	S 1	5	4	
22	57.06	56.04	24.7	30.5	94	67	N 1	S 1	9	8	
23	56.61	55.60	23	30.9	94	54	NNE 1	S 1	2	6	
24	56.31	55.90	23	31.4	93	60	N 1	S 1	3	2	
25	57.66	56.42	22.8	32.5	89	60	N 1	SSE 2	1	4	
26	58.62	57.63	23	30.6	96	58	Calm	ENE 2	3	6	
27	58.36	57.67	23.4	33.1	92	58	NE 1	NE 2	2	4	
28	58.96	57.18	24.5	30.4	90	65	NE 1	ENE 2	3	7	
29	58.79	57.06	24.5	33.1	92	54	NE 1	NE 2	6	4	
30	59.09	58.04	25	31.6	88	63	NE 1	NE 2	6	7	15.5
Mean	59.15	58.07	23.6	30.5	92.1	63.2	0.9	2.1	6	6.1	
Total											121

NOTE.—This station was opened on January 13, 1916.

LUCENA.

[$\phi = 13°\ 56'$ N; $\lambda = 121°\ 37'$ E; barometer above sea, 8 meters; gravity correction not applied, —1.74 mm.]

MAY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	59.25	57.71	23.8	31.4	93	62	Calm	N 2	6	4	2.3
2	58.32	57.48	24.2	31	89	59	NE 1	NE 3	4	6	-----
3	56.99	57.14	25.8	25	81	92	NE 2	NE 2	8	10	62.7
4	57.63	57.55	24.5	26	94	96	NE 3	ENE 3	10	10	13.5
5	57.56	56.94	26	30.7	82	67	NE 3	NE 4	8	7	46.7
6	57.97	57.18	24.8	28.1	93	76	NE 1	NE 3	6	9	6.4
7	57.20	57.14	24.7	26.7	96	84	NE 1	NE 2	4	8	1.3
8	59.01	57.89	24.4	30	94	69	NE 1	NE 3	6	7	1.3
9	59.30	58 97	24 9	28.1	90	83	NE 1	N 1	4	9	25.4
10	59.14	58.22	25.3	27.2	88	84	E 1	ENE 2	4	9	-----
11	58.41	57.32	24	31	97	67	NE 1	SE 1	7	7	-----
12	58.62	57.84	25.4	31.6	84	65	Calm	SE 1	9	7	-----
13	58.20	57.59	25	23.5	88	87	Calm	NW 3	9	10	18.6
14	57.11	56.24	24	29.5	96	70	Calm	S 2	9	10	-----
15	56.62	56.47	23.4	31.2	95	67	Calm	ESE 2	10	9	-----
16	58.27	58.71	24.5	30	92	68	NE 1	ESE 1	10	9	-----
17	59.53	58.72	24.6	31.5	91	62	NE 1	NE 2	4	7	-----
18	59.43	58.28	25	31.1	90	66	NE 1	SSE 2	5	4	-----
19	58.19	57.23	24.8	32	93	60	NE 1	S 1	4	4	-----
20	58.27	57.31	25.5	32	92	64	NE 1	S 1	8	4	-----
21	57.90	57.28	24	31.6	91	68	NE 1	S 2	5	7	-----
22	57.74	57.33	25.4	29	93	74	NE 1	E 2	9	10	-----
23	57.91	57.08	24.8	32	90	63	NE 1	NE 2	3	5	.8
24	57.84	57.53	25	30.5	88	62	NE 1	NE 2	4	5	1.3
25	58.12	57.17	25.2	32	85	66	Calm	E 2	7	6	.5
26	57.21	56.84	26.5	26.5	82	94	NE 2	NE 2	8	10	15
27	57.12	56.48	25.7	29	93	82	NE 1	SE 1	9	9	2.6
28	56.05	56.07	25.2	29.9	92	67	Calm	SW 1	6	8	-----
29	56.65	55.84	24.7	31.1	91	68	NE 1	SSW 1	10	7	18.3
30	57.92	56.46	24.7	31	86	70	N 1	S 1	10	7	1.5
31	57.66	56.98	23.5	31.5	96	72	Calm	E 1	7	8	-----
Mean	57.97	57.29	24.8	29.7	90.5	72.1	0.9	1.9	6.9	7.5	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	218.2

JUNE.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	57.71	56.53	24	31.7	93	66	Calm	S 1	9	5	-----
2	57.11	56.01	23.6	32	93	63	NNE 1	S 2	8	5	-----
3	57.05	56.13	23.6	31.6	93	65	NNE 1	SSW 1	7	5	-----
4	56.84	56.25	24.5	32	87	66	NNE 1	S 2	6	10	-----
5	57.24	55.68	24.9	31.6	84	66	NE 1	S 1	6	9	-----
6	56.80	55.02	25	32	92	57	NE 1	ENE 2	7	7	-----
7	56.31	54.97	24.4	29.6	93	73	E 1	SSW 1	10	6	14.2
8	55.75	54.73	23.7	31.4	91	61	NE 1	SE 1	9	10	1
9	55.56	54.69	24.4	31.6	92	68	ENE 1	SSE 1	10	9	26.7
10	56.95	54.74	24	29.5	91	76	Calm	SSE 1	10	10	4.3
11	55.75	53.87	24	29.3	96	78	Calm	S 1	10	10	.3
12	54.62	52.52	24.8	28	97	81	Calm	S 1	10	10	15.7
13	53.48	53.54	24	27	97	82	Calm	W 1	10	10	1.6
14	54.33	54.94	24.6	28.5	89	75	W 1	W 1	10	10	4.1
15	54.76	54.47	24.5	30.1	91	75	SW 1	S 1	10	9	-----
16	54.63	53.94	24.6	31	95	74	Calm	S 2	9	9	-----
17	54.96	54.43	24.2	30.5	94	72	Calm	SSW 1	10	10	-----
18	56.65	55.68	24.7	30.5	86	75	NW 1	SW 1	10	7	6.9
19	57.35	55.81	23.4	30	96	72	Calm	SW 1	9	9	1.5
20	56.89	55.94	24	31.3	93	64	W 1	S 2	10	8	.8
21	56.86	55.07	24.6	28.7	92	76	W 1	S 2	8	9	4.3
22	57.05	57.54	24	24.8	97	93	Calm	NE 1	10	10	5.6
23	58.36	57.82	24	30.5	89	68	NE 1	S 1	9	9	-----
24	58.95	58.82	22.5	29.5	93	71	Calm	W 1	9	8	.3
25	59.94	58.92	24.5	28.5	92	81	N 1	W 1	10	9	-----
26	60.09	58.11	24.5	31.8	92	64	N 1	SSE 2	10	8	-----
27	58.81	57.62	23.2	31	94	70	N 1	SW 1	7	6	-----
28	58.75	56.92	23	29.9	92	75	Calm	S 1	10	7	2.3
29	59.49	58.96	23.6	28	95	85	Calm	SSE 1	9	9	12.7
30	59.36	57.46	24.5	29.7	92	70	Calm	S 2	9	8	16.5
Mean	56.95	55.90	24.1	30.1	92.4	72.1	0.6	1.3	9	8.4	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	118.3

JULY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	58.23	57.21	23.3	31	94	65	NNE 1	S 1	6	8	0.8
2	58.31	57.49	23.1	29.4	97	72	Calm	NNE 2	9	9	.8
3	57.96	56.72	24.9	31.1	91	68	NE 2	S 2	5	7	5.8
4	57.16	57.40	25.4	26.6	88	87	NE 1	SE 1	9	9	25.4
5	58.60	58.03	24.4	30.2	93	71	NE 1	SE 1	10	9	1
6	58.82	58.81	24	26.6	92	82	NE 1	NW 1	10	10	1.3
7	59.54	58.36	23.8	30.4	91	72	N 1	S 1	4	6	-----
8	58.81	57.28	25.5	31.5	88	65	NE 1	SE 1	8	7	-----
9	58.69	57.85	24.5	31.5	92	69	NE 1	SE 1	6	4	9.4
10	58.92	58.10	24.4	31.4	92	67	Calm	E 1	4	5	1
11	59.10	58.30	24.3	31.8	92	63	Calm	NE 1	3	5	.8
12	58.75	57.85	24.5	31.6	94	65	Calm	E 2	8	8	2.8
13	58.90	58.28	24.3	31.7	93	67	Calm	SE 2	10	7	-----
14	58.81	58.04	25.2	26.7	89	91	NE 2	ENE 1	10	10	11.1
15	58.51	58.06	23.9	31	93	70	NE 1	NNE 1	9	10	-----
16	58.06	56.69	24.7	30.5	94	72	NE 1	E 3	4	9	11.9
17	57.30	56.67	24.5	28.2	92	77	NE 1	NE 2	5	10	4.3
18	57.55	57.29	24.5	27.1	96	90	Calm	NE 1	10	10	3.9
19	57.86	56.42	24.5	30.6	96	71	NE 1	NE 2	10	9	.3
20	57.56	55.86	23.5	29.6	94	76	Calm	W 2	9	8	-----
21	57.66	56.31	23	27.2	96	84	Calm	NE 1	8	9	-----
22	56.68	55.67	23	29.4	91	76	N 1	SW 1	4	9	-----
23	55.57	53.96	23.1	31.2	95	70	W 1	SW 3	4	7	-----
24	55.54	54.71	24.4	31.5	88	64	W 1	W 3	10	9	-----
25	56.79	55.72	24	29.2	91	76	Calm	NW 2	10	9	.5
26	56.38	55.02	22.7	31.7	94	59	NNW 1	WNW 3	6	7	-----
27	55.74	55.26	24.9	31	86	67	W 1	SW 2	4	6	-----
28	55.86	55.37	22.7	31.7	92	67	NW 1	SSW 2	3	4	6.1
29	55.98	55.51	22.9	30.5	92	70	WNW 1	S 1	2	7	.5
30	56.47	55.70	23	30.7	95	69	Calm	SSE 2	2	7	-----
31	57.03	55.46	23.5	32.4	92	58	NW 1	S 2	2	3	-----
Mean	57.65	56.75	24	30.2	92.4	71.6	0.7	1.7	6.7	7.6	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	88.7

AUGUST.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	57.94	57.16	24.5	29.5	89	72	Calm	SSW 2	10	7	8.4
2	57.91	56.52	23.6	31.5	95	69	Calm	S 2	6	7	3.8
3	58.07	56.76	23.5	30.5	94	63	Calm	W 4	7	9	-----
4	58.70	57.51	23.1	31.5	94	60	Calm	W 4	9	7	-----
5	58.15	57.21	24.6	29.5	92	74	Calm	SW 3	10	9	.3
6	57.89	56.73	24.7	29.5	84	68	W 1	SW 2	10	9	-----
7	58.18	57.28	22.8	30.7	94	65	Calm	SW 2	7	9	-----
8	58.34	56.92	21.7	31.5	91	61	Calm	SW 2	3	6	-----
9	56.93	55.49	26.2	31.2	77	61	W 1	SW 3	10	10	-----
10	54.80	53.91	26.5	31.4	82	57	WSW 2	W 4	9	10	-----
11	54.20	53.19	27	30.5	77	67	Calm	SW 1	10	10	-----
12	54.40	53.86	27	30	80	69	WSW 1	SW 3	10	10	-----
13	54.14	54.47	26.7	31.5	83	60	WSW 2	W 4	9	9	-----
14	56.41	56.72	25.5	29	85	81	SW 1	S 2	7	9	10.7
15	59.12	58.17	23.9	31.2	91	68	W 1	SSE 3	10	5	.5
16	58.90	57.43	24.1	31.3	95	66	NW 1	SW 3	8	8	-----
17	57.53	56.28	25	31.5	80	60	WSW 1	SSW 3	9	6	-----
18	57.39	55.86	26.2	31.5	80	58	W 2	S 3	6	5	-----
19	57.34	56.62	25.5	31.6	84	60	W 1	S 3	4	7	-----
20	57.62	56.36	25	31.5	80	60	W 1	SSW 2	5	4	1
21	58.37	58.12	24.7	29	95	64	W 1	WSW 2	6	9	-----
22	59.47	57.81	22.9	32	94	59	Calm	S 2	3	7	-----
23	58.76	56.97	22.5	32.7	96	50	Calm	S 1	4	6	-----
24	57.67	56.50	22.8	32.3	90	61	Calm	SSW 2	6	7	-----
25	57.78	57.27	23.2	32	91	61	NNW 1	SW 2	9	6	-----
26	58.75	58.13	24.1	31.6	94	57	Calm	SSE 2	10	9	25.7
27	58.47	57.61	23.3	30.8	96	66	Calm	NE 2	7	9	.5
28	58.12	57.42	23.9	31	94	63	Calm	E 2	6	9	2.5
29	57.83	57.38	24	29.7	93	72	NE 1	E 2	10	10	1.3
30	57.86	57.63	23.5	30.6	96	68	Calm	SSW 1	5	5	-----
31	59.31	58.42	22.6	33.1	92	54	NE 1	SSE 2	8	4	-----
Mean	57.62	56.70	24.3	31	89	63.7	0.6	2.4	7.4	7.6	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	54.7

LUCENA.

[ϕ=13° 56′ N; λ=121° 37′ E; barometer above sea, 8 meters; gravity correction not applied, —1.74 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	59.53	58.31	24.7	27.5	92	84	NNE 1	E 1	9	10	6.6
2	58.16	56.23	23.3	29.7	96	74	NNW 1	S 1	9	10	------
3	55.22	53.83	25.3	30.2	85	68	W 1	W 4	10	10	------
4	54.62	54.30	25.6	25.9	81	89	WSW 2	S 1	10	10	3.8
5	56.04	56.03	24.5	30	92	71	Calm	S 2	10	10	------
6	57.57	57.04	25	31.1	93	73	Calm	SE 2	10	8	------
7	57.37	56.62	23.6	32	91	63	NNE 1	ENE 1	7	5	4.3
8	58.08	57.24	22	30.5	96	69	Calm	ESE 1	8	9	19.3
9	57.81	56.18	22.5	31.5	94	61	Calm	SE 2	4	5	------
10	57.62	56.66	24.3	25.7	94	93	NE 1	Calm	6	10	11.1
11	58.31	57.18	24.4	26	95	91	Calm	S 2	9	9	6.1
12	59.12	58.74	24.7	24.9	94	92	E 1	ENE 1	10	10	13.2
13	58.18	56.72	23.4	30.2	88	69	Calm	ENE 2	10	8	13.2
14	57.02	55.10	23.5	26.9	96	85	Calm	Calm	10	10	77.7
15	56.18	56.58	23.5	24.6	96	92	Calm	NNE 1	10	10	82.8
16	57.82	57	23.9	23	97	84	Calm	SE 1	10	9	11.9
17	57.57	56.24	23.4	29.2	97	75	Calm	SE 1	9	9	------
18	55.77	55.78	21.9	29.4	96	79	Calm	SSE 1	4	9	2
19	55.96	54.99	22.4	29.5	96	75	Calm	SW 1	4	9	------
20	56.65	55.55	23.1	31.7	95	64	Calm	W 2	5	9	3
21	55.53	53.62	23.5	31.6	96	60	N 1	W 4	8	7	------
22	54.13	52.65	24.5	31.8	92	70	NNE 1	E 1	8	10	24.9
23	53.65	52.10	23.7	28.8	97	76	Calm	W 2	9	9	6.6
24	52.07	51.55	24.5	28.2	92	75	WSW 1	SW 2	10	10	2.6
25	52.61	52.24	24.1	28	97	74	Calm	SW 1	10	10	1.5
26	54.53	54.19	24	27.5	96	85	Calm	SW 1	10	10	.8
27	57.13	55.62	24.5	29.2	87	70	NW 1	SW 2	10	10	.5
28	56.11	55.80	24.7	26.5	87	90	NW 1	NW 1	10	10	14
29	55.87	55.29	23.1	27.6	95	76	WNW 1	WNW 2	10	8	2.3
30	56.58	56.89	22.6	29.8	95	76	Calm	S 2	5	7	2.5
31											
Mean	56.44	55.54	23.8	28.8	93.3	76.6	0.5	1.5	8.5	9	------
Total											260.7

OCTOBER.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-10). 6 a. m.	Wind, direction and force (0-10). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	58.33	57.21	23.5	31.7	96	61	NNE 1	N 1	4	4	------
2	58.89	57.09	23.9	28.5	95	70	NNE 1	N 1	6	7	0.3
3	58.12	57.52	23	28.7	96	80	Calm	E 2	10	10	.3
4	58.26	57.26	23.5	27.5	98	77	Calm	SSE 1	10	10	47.5
5	58.48	57.24	23.4	27.2	96	70	Calm	WNW 1	10	8	.6
6	57.80	56.87	23.3	29.7	94	73	NE 1	SE 2	8	9	------
7	57.45	56.54	23.9	30.1	92	73	NE 1	E 1	8	8	8
8	58.16	57.11	23.5	27	91	77	NE 1	NNE 2	10	10	12.2
9	57.98	56.85	23	28	97	72	Calm	W 1	10	10	1.5
10	59.02	58.13	23.6	29.5	95	69	W 1	SW 2	9	6	------
11	58.91	57.32	21.5	31	92	70	Calm	S 2	6	7	------
12	58	57.08	24.7	29.8	92	76	Calm	E 2	4	8	2.8
13	58.27	57.64	24.6	28.5	93	80	NE 1	ENE 2	4	9	.8
14	58.19	56.82	25	29.5	90	72	NE 1	NE 4	8	8	2.8
15	57.14	56.01	24.5	28.1	94	77	NE 1	ENE 2	10	9	1
16	56.61	55.29	23.5	28.5	95	78	Calm	NW 1	10	10	15.3
17	57.31	55.88	24	28.6	97	78	Calm	S 2	10	9	29
18	58	56.73	24.6	29.5	96	76	NE 1	S 1	9	6	4.6
19	57.86	55.77	24.9	31	91	72	NE 1	SSE 1	4	6	1.8
20	57.39	56.44	25	30.5	92	74	NE 1	E 2	5	6	3.6
21	58.59	57.73	24.9	28.5	92	84	NE 1	ENE 2	7	9	72.2
22	58.33	57.30	24.5	26.7	92	88	NE 2	NE 2	9	10	1.3
23	58.46	56.76	23.8	30.2	97	74	NE 1	ENE 2	4	10	.5
24	58.66	57.27	25.1	27.9	95	85	NE 1	NE 2	8	9	3.3
25	59.05	58.33	25	30.5	93	68	NE 1	SSE 2	4	8	3.6
26	60.64	59.14	24.5	28.5	94	77	NE 1	E 2	7	9	------
27	59.62	58.38	24.5	26.4	88	84	NE 1	NE 2	4	9	6.9
28	58.34	57.23	24.7	27.5	95	86	NE 1	NE 2	5	8	2.5
29	58.73	57.86	24.5	29.5	92	70	NNE 1	E 3	7	6	68.1
30	59.08	57.79	23.2	29.9	93	71	NE 1	NE 3	9	10	43.7
31	57.98	56.65	23.9	25.7	92	90	ENE 1	NE 2	10	10	21.1
Mean	58.30	57.12	24	28.8	93.7	75.7	0.8	1.8	7.4	8.3	------
Total											350.3

NOVEMBER.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-10). 6 a. m.	Wind, direction and force (0-10). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	56.46	55.33	24	28	92	82	NE 2	NE 3	9	9	2.3
2	56.98	55.87	24.3	28.5	91	78	NE 1	NE 3	8	7	------
3	58.40	56.98	24	29.6	93	69	NE 1	ENE 2	4	4	7.4
4	58.74	56.48	24.5	29.2	94	66	NE 1	NE 4	7	6	1.5
5	57.41	55.71	21.8	29.5	97	67	NE 1	NE 3	4	6	------
6	56.86	55.61	21.8	29	97	73	Calm	NE 2	4	7	------
7	56.88	55.59	22.1	29.7	97	78	NE 1	S 2	4	6	------
8	56.60	56.48	22	30.5	96	65	NW 1	SSE 2	4	4	------
9	58.21	57.04	22.1	30.5	96	65	NE 1	ENE 2	5	6	5.1
10	59.02	58.01	23.6	26.3	95	84	NNE 1	NE 1	10	10	5.8
11	58.65	57.90	23.8	28.6	86	66	NE 1	NE 4	7	7	2.5
12	59.07	58.52	23.9	26.2	92	79	NE 2	NE 4	8	7	17.2
13	59.86	59.14	24	26.8	92	77	NE 2	NE 4	9	9	12.9
14	59.48	57.58	23.8	28.3	84	72	NE 1	E 4	4	5	19.8
15	57.57	56.10	24	26	97	88	ENE 2	ENE 4	8	8	1.8
16	56.13	53.87	22.7	29	94	65	Calm	W 1	10	10	4.3
17	56.53	54.93	23.8	29.6	97	67	NE 1	SE 1	9	5	------
18	57.92	56.56	22.3	29.5	94	78	Calm	SSE 1	8	9	------
19	58.43	56.80	24.5	28.4	93	78	ENE 1	E 1	9	9	11.9
20	58.07	57.09	24.9	27	95	82	NNE 1	NE 1	10	10	------
21	57.83	57.79	24.2	28.2	91	80	NE 1	ENE 2	10	10	3
22	58.81	56.97	24.4	29.2	92	71	NE 1	ENE 2	10	8	8.9
23	58.86	57.58	22.4	28.5	96	78	Calm	ENE 1	9	9	13.8
24	58.36	57.12	24.2	30	94	69	NE 1	ENE 2	6	6	1
25	57.81	56.21	24.4	26	88	89	NE 1	NE 2	5	9	5.3
26	56.01	54.60	23.5	25.4	90	87	NE 1	NE 4	7	9	6.6
27	55.87	54.28	22.5	30.1	95	59	Calm	NE 3	7	6	------
28	55.85	55.30	22.6	27.6	96	81	W 1	NE 3	5	10	.8
29	56.51	55.58	23.6	27.9	87	61	Calm	NE 3	10	9	------
30	58.12	57.30	24.4	26	68	63	NE 5	NNE 5	10	8	------
31											
Mean	57.68	56.48	23.5	28.3	92.3	73.6	1.1	2.6	7.3	7.6	------
Total											131.9

DECEMBER.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-10). 6 a. m.	Wind, direction and force (0-10). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	58.19	56.58	23.5	26.6	69	62	NE 1	NNE 4	4	8	------
2	57.06	56.15	23.5	27.5	84	66	NE 4	NE 5	10	10	3.8
3	57.18	57.41	23	26.5	93	83	NE 1	NE 3	10	8	------
4	58.61	57.17	24	28	89	77	NE 2	NE 3	6	7	------
5	57.67	56.49	24.6	27.3	95	74	NE 1	NE 2	7	5	.5
6	57.25	56.65	24.4	27.9	88	77	NE 2	NE 3	4	7	.5
7	57.30	56.43	24.5	28.6	83	73	NE 1	NE 2	9	7	7.9
8	57.07	56.14	24	28.1	95	77	NE 1	NE 2	9	8	6.6
9	57.19	56.71	22.5	29.6	95	71	Calm	NE 2	4	7	3.6
10	58.01	57.04	24.4	28.5	92	71	NE 1	NE 2	4	5	.3
11	58	56.82	24	30.5	94	65	NE 1	NE 2	4	5	.5
12	57.78	56.53	24	29	91	74	NE 1	NE 3	4	8	30.7
13	58.26	57.08	24.3	30	93	65	Calm	ENE 3	7	7	24.1
14	57.83	56.62	24.4	29	92	74	NE 1	NE 3	6	8	.5
15	57.02	56.14	25	26	87	87	ENE 1	NE 2	7	9	36.3
16	57.02	55.98	24	29.5	91	73	NE 1	NE 2	8	6	------
17	56.97	55.47	24.7	28.7	93	79	NE 1	E 2	7	8	24.6
18	57.05	55.36	24.3	29.5	92	75	Calm	NE 1	5	8	------
19	56.89	55.27	24.4	31	92	69	NE 1	NE 2	7	8	9.7
20	57.57	56.45	23.8	28.9	93	83	NE 1	NE 2	4	6	.5
21	58.92	56.78	22.7	30.3	96	67	N 1	NE 2	7	7	6.4
22	58.02	56.51	21.2	28.6	93	71	Calm	NE 3	4	5	------
23	57.90	56.29	24.5	28.7	87	69	NE 1	NE 2	7	7	12.7
24	57.36	56.79	23.5	30	92	62	NE 1	ENE 1	6	5	------
25	58.61	57.97	23.5	28.8	92	65	NE 1	NE 2	5	7	3
26	58.16	56.74	23.5	25	96	88	NE 1	NE 3	8	9	30
27	58.01	57.32	23.7	23	94	96	NE 1	NE 4	10	10	79.7
28	59.11	58.12	22.6	24.6	95	79	NE 5	NE 5	10	10	11.7
29	58.46	56.96	22.5	25	95	86	ENE 3	NE 3	10	10	1.8
30	57.64	56.50	23.6	28	90	72	NE 1	E 2	9	9	2.5
31	58.26	56.62	23.5	29	91	74	NE 1	NE 2	8	7	------
Mean	57.76	56.61	23.7	28.1	91.2	74.3	1.2	2.5	6.8	7.5	------
Total											297.9

CANLUBANG, CALAMBA.

[ϕ=14° 13′ N; λ=121° 07′ E; barometer above sea 67 meters; gravity correction not applied, −1.73 mm.]

MARCH.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	60.19	59.56	24.1	27.2	94	89	N 1	NE 4	10	8	0.5
2	60.39	59.68	23.7	25.5	78	71	E 1	E 3	10	10	.3
3	60.37	59.38	22.5	28.4	84	60	E 1	E 3	10	7	------
4	61.52	59.40	19.8	31	96	59	W 1	E 2	8	6	------
5	60.62	59.31	24	27.6	88	68	Calm	E 3	6	10	------
6	59.74	57.86	24.5	29.2	78	64	E 1	E 2	10	4	------
7	58.48	56.84	24	29.6	86	66	E 1	E 1	4	8	------
8	58.94	57.27	22.3	32.7	98	48	S 1	ENE 2	2	4	------
9	59.93	58.25	24.1	30.5	84	62	SSE 1	E 3	3	4	------
10	59.81	57.88	22.4	31.7	92	51	ESE 1	ENE 2	4	4	------
11	59.34	57.97	22.9	31	90	48	Calm	E 3	9	4	------
12	60.28	58.92	23.4	30.2	84	60	Calm	E 2	3	8	------
13	60.99	59.28	23.4	32.4	96	48	Calm	E 3	8	7	------
14	59.77	58.11	24.4	29.7	92	65	E 1	ESE 3	6	6	------
15	59.44	57.38	24.2	30.5	82	54	E 1	E 3	6	4	------
16	60.35	58.78	22	29.1	95	63	S 1	ENE 4	4	8	------
17	60.60	58.90	23.8	31.6	93	52	ESE 1	NE 2	4	4	------
18	60.57	58.79	24.4	28	93	69	NE 1	NE 2	10	10	.8
19	60.30	58.43	22.9	30.8	80	59	Calm	NE 2	6	6	------
20	59.87	58.43	24	30	93	64	Calm	E 2	4	8	------
21	59.81	58.52	22.8	31.9	94	54	SW 1	ENE 2	2	6	------
22	61.19	59.36	21.6	31.8	86	49	Calm	E 3	3	5	------
23	61.49	60.51	23.1	30.9	90	56	Calm	E 3	3	4	3
24	62.47	61.29	22.7	28	95	76	Calm	NE 2	8	6	.3
25	62.57	60.71	24.9	28.4	72	62	ENE 2	NE 2	6	8	------
26	62.33	60.65	23.6	30.8	83	56	ESE 1	NE 2	6	4	------
27	61.64	59 367	21.8	31.4	81	54	Calm	NE 3	3	6	------
28	61.46	58.53	23.8	32	91	55	E 1	E 2	2	4	------
29	60.08	57.74	23.8	32	86	52	S 1	ENE 2	2	4	------
30	59.91	57.68	22	31.9	87	54	Calm	NE 2	4	6	------
31	59.31	56.60	21.8	32.8	87	55	Calm	ENE 1	6	5	------
Mean	60.44	58.75	23.3	30.3	88.2	59.5	0.6	2.4	5.5	6.1	------
Total	-----	-----	-----	-----	-----	-----	------	------	-----	-----	4.9

APRIL.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	57.87	55.52	22	33.8	92	45	Calm	NE 1	6	8	------
2	57.91	57.72	24.4	33	83	45	Calm	E 1	4	4	------
3	60.16	58.82	23.2	33.6	85	49	Calm	NE 2	4	6	------
4	60.66	58.78	23.6	32.2	90	55	Calm	E 2	6	8	0.5
5	61.40	60.47	24.3	28.8	87	61	E 1	E 3	10	10	------
6	61.86	60.73	23	29.6	98	64	NE 1	ENE 3	9	6	------
7	62.60	61.39	24.4	31.4	92	53	E 2	ENE 3	6	5	------
8	62.71	61.24	24.6	30.4	80	58	E 1	E 3	4	8	------
9	61.34	60.17	24.8	28	82	69	E 1	NE 2	8	10	3
10	61.12	60.31	23.8	28	88	73	S 1	ENE 2	8	9	------
11	61.08	59.42	24.4	30.9	95	55	Calm	ENE 3	8	8	.3
12	61.01	59.81	24.8	29.7	82	60	E 1	ENE 2	10	7	7.1
13	60.95	59.49	25	31.6	88	57	NE 1	E 2	10	4	2.1
14	61.12	59.49	24.4	30	91	62	ENE 1	E 1	8	8	------
15	60.21	58.43	23.2	32	88	48	Calm	E 2	6	6	------
16	60.11	58.18	24	30	87	59	S 1	ENE 2	10	8	------
17	58.09	56.05	24	33	93	54	E 1	E 3	10	8	------
18	56.22	54.49	24.2	33.4	82	47	Calm	NE 1	4	6	3
19	56.57	55.26	24	32.4	88	63	S 1	E 1	2	8	.5
20	56.97	54.70	23	33	97	51	SE 1	NE 1	4	6	------
21	57.03	55.17	24.1	33.6	89	47	SW 1	NE 2	2	6	------
22	57.31	55.39	24.6	33.2	87	46	SW 1	NE 1	6	8	------
23	57.39	54.55	25.4	32.9	88	51	Calm	Calm	10	6	------
24	57.19	54.69	25	32.6	87	51	Calm	ESE 1	4	8	------
25	57.68	55.73	24	33.1	87	54	SW 1	NE 1	6	6	.3
26	58.85	57.08	23.2	34.2	97	43	W 1	NE 1	3	4	------
27	58.65	56.88	25.2	34.2	81	48	Calm	Calm	2	6	------
28	58.99	56.05	25.6	34.7	90	59	S 1	E 2	2	8	1
29	58.79	56.80	25.9	33.9	84	49	Calm	NE 1	3	6	------
30	59.11	57.45	24.4	33.1	92	54	SW 1	NE 1	6	6	------
Mean	59.36	57.68	24.2	32	88.2	54.3	0.7	1.7	6	6.9	------
Total	-----	-----	-----	-----	-----	-----	------	------	-----	-----	17.8

MAY.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	59.34	57.76	22.8	33.3	89	58	SW 1	NE 2	6	8	------
2	58.67	57.12	24.4	30.6	84	59	S 1	E 4	4	8	------
3	57.78	57.45	24	27.2	85	69	SW 1	E 3	6	10	4.9
4	57.53	57.31	21.8	29.6	90	66	SE 2	E 2	10	8	10.1
5	57.95	56.96	26.4?	32	70?	56	NE 1	ENE 2	9	4	1.5
6	58.05	56.95	25	32.8	88	54	NE 1	ENE 2	4	7	1.3
7	57.68	57.12	25.8	29.7	87	66	Calm	NE 2	10	8	9.9
8	58.85	57.70	25.4	30.8	84	62	SE 1	NE 3	6	6	------
9	59.37	58.68	25.4	30.2	84	62	NE 1	ENE 2	9	9	8.6
10	59.07	58.29	24.8	24.4	89	96	NE 1	NE 2	10	10	21.8
11	58.42	57.50	25.3	30.2	96	65	E 1	NE 2	6	8	2
12	58.67	57.62	25.4	31.3	87	63	E 1	SE 1	10	8	------
13	58.26	57.09	24.6	25.9	90	83	Calm	SW 1	8	10	21.6
14	57.38	56.72	24.5	31.2	92	60	SW 1	NE 1	10	9	5.6
15	57.04	56.15	24	27.5	88	84	SE 1	S 2	10	10	2.6
16	58.54	57.54	24	28.6	93	73	Calm	NE 2	8	10	------
17	59.83	58.75	23.2	30.2	94	60	SW 1	NE 2	6	6	------
18	59.56	57.43	25	31.9	88	59	ENE 1	E 2	8	8	------
19	58.87	56.45	25.2	32.6	92	62	E 1	E 2	8	8	------
20	58.34	57.37	25.8	29.2	84	70	S 1	S 2	8	8	------
21	58.44	56.35	24.4	28.4	87	70	Calm	NE 1	8	6	------
22	58.01	56.94	24.8	30	87	71	Calm	NE 2	10	8	------
23	58.22	56.71	24	32.2	98	58	SE 1	NE 2	6	4	------
24	58.03	56.91	24.6	31.4	88	60	Calm	NE 2	6	6	3.6
25	58.46	56.92	24.6	31.7	94	58	S 1	NE 1	6	7	5.6
26	57.73	56.92	24.6	26	86	91	W 1	NE 3	4	10	------
27	56.78	55.10	26.2	29.2	85	78	NE 1	NE 1	6	10	10.2
28	56.25	55.92	25.4	29.4	88	77	S 1	NE 1	6	6	14
29	57.57	55.17	25.4	29.9	88	73	Calm	E 1	8	9	.8
30	58.10	56.43	23.2	31	97	67	WSW 1	N 2	8	8	------
31	57.87	57.49	24	29.8	88	69	SW 1	E 1	7	9	------
Mean	58.21	57.06	24.7	29.9	88.4	67.7	0.8	1.9	7.5	7.9	------
Total	-----	-----	-----	-----	-----	-----	------	------	-----	-----	127.1

JUNE.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	57.81	55.99	24.8	33.2	89	56	SW 1	NE 2	8	6	1.8
2	57.54	55.52	24.2	30	88	72	ESE 1	E 1	9	6	------
3	57.16	55.49	24.8	33.4	92	51	E 1	N 1	6	8	------
4	56.98	56.45	23.9	33.1	89	53	SW 1	NE 1	6	7	------
5	57.60	55.52	25	32.8	88	61	Calm	W 1	6	9	.5
6	56.92	54.93	25	31.8	87	65	Calm	NE 1	6	9	------
7	55.98	54.53	25.9	32.4	92	58	Calm	NE 2	9	8	------
8	55.77	54.34	24.6	29.8	83	70	S 1	NE 2	8	10	59.9
9	55.61	54.14	24.8	30.4	87	70	Calm	NE 1	10	10	------
10	56.54	54.50	25.6	31.5	84	65	S 1	NE 1	9	10	------
11	55.68	----	24	----	93	----	SSE 1	Calm	10	8	5.6
12	----	52.72	----	29.2	----	64	NE 1	SW 1	10	10	29.2
13	53.13	53.45	24.8	27.4	89	87	S 1	SW 2	10	10	8.4
14	54.15	55.58	26.5	24.9	83	81	SW 2	SW 2	10	10	22.6
15	55.07	54.38	24.1	27.8	89	83	SW 1	S 1	10	9	------
16	54.64	53.91	25.1	30.6	94	73	S 1	SW 1	10	10	1
17	55.38	54.40	24.8	30.2	88	73	SW 1	SW 1	9	10	------
18	57.01	56 507	25.6	----	88	----	SW 1	Calm	10	9	------
19	57.30	55.53	24.2	31.3	95	73	SW 1	E 1	8	9	29.2
20	56.77	55.50	24.2	27.4	91	82	SW 1	SW 1	10	10	36.8
21	57.10	55.85	24	25.4	91	87	W 1	SW 1	9	10	24.2
22	57.04	57.50	24.1	26.3	91	83	S 1	NNE 1	10	10	1.8
23	58.31	56.95	24.1	30.4	86	71	SSE 1	E 1	9	8	------
24	59.33	57.78	23.4	32.1	96	57	SW 1	NE 1	7	8	------
25	59.36	57.92	24.9	32.4	87	61	Calm	NE 1	7	9	------
26	59.92	57.34	25	29.4	95	81	SW 1	WSW 1	8	8	12.9
27	58.95	56.73	24.2	28.6	90	78	S 1	SSE 2	6	9	------
28	57.91	56.90	25.4	30.6	88	76	Calm	SSW 2	6	8	1
29	59.03	58.92	24.2	29	91	78	SSW 1	ENE 2	8	8	7.6
30	58.72	56.85	24.9	30.8	91	70	Calm	NE 2	8	8	2.3
Mean	57.01	55.73	24.7	30.1	89.5	70.7	0.8	1.2	8.4	8.8	------
Total	-----	-----	-----	-----	-----	-----	------	------	-----	-----	244.8

CANLUBANG, CALAMBA.

[ϕ=14° 13′ N; λ=121° 07′ E; barometer above sea, 67 meters; gravity correction not applied, −1.73 mm.]

JULY.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	53.27	57.05	24	31	90	73	S 1	S 1	8	7	------
2	53.31	57.47	24.8	30.8	90	69	SW 1	S 1	8	8	4.3
3	58.02	57.17	24.2	26.4	88	85	SW 1	SW 1	6	8	3.5
4	56.66	56.80	25	29.9	92	76	S 1	SW 1	8	10	17.3
5	58.61	57	24.2	31	88	71	Calm	NE 1	4	10	5.6
6	53.42	58.11	25.1	26	90	78	W 1	SW 1	10	10	.8
7	59.15	57.33	23.9	30.6	89	74	SW 1	S 1	6	6	------
8	58.67	56.97	24.8	31	83	73	SW 1	E 1	5	8	6.6
9	58.23	56.80	24.5	31.2	91	71	W 1	S 1	6	6	1.8
10	58.93	57.27	24	31	91	67	SW 1	E 1	5	7	------
11	58.24	57.13	24.7	31.4	92	64	NE 1	NE 1	8	4	------
12	58.42	57.41	24.7	29.8	91	69	NE 1	NE 1	9	8	------
13	58.31	57.78	23.8	31	94	71	SW 1	N 1	7	8	3.6
14	58.64	56.90	24.1	31.4	89	70	SSE 1	NE 1	6	8	13.8
15	58.13	57.86	24.2	28.6	93	74	S 1	NE 1	8	10	------
16	58.23	56.93	25.2	29.6	85	70	S 1	E 1	8	8	2
17	57.67	56.40	24.4	29.4	90	70	S 1	NE 1	8	9	------
18	56.91	56.69	24.6	27.8	88	81	S 1	NE 1	8	10	2.8
19	57.47	55.94	25	29.9	89	69	SSE 1	E 1	10	8	9.1
20	57.83	55.46	24.6	29.8	91	70	SE 1	NE 1	6	8	------
21	57.52	55.18	24.1	32	96	61	SW 1	NW 1	5	8	22.1
22	56.62	55.07	23.8	29.8	89	74	SW 1	W 1	5	10	1
23	55.73	54.63	23.6	28.8	98	80	SW 1	SSE 2	5	10	10.7
24	56.88	55.06	23.4	30.6	93	69	SW 1	SW 2	9	8	------
25	57.15	55.99	25.1	30.4	88	70	S 1	SW 2	8	8	2.5
26	56.67	55.57	24.6	29.2	91	72	SW 1	SW 2	7	9	------
27	55.02	55.04	24.6	31.1	96	65	SW 1	SW 2	6	7	------
28	55.27	55.57	24.4	26.6	90	92	SW 1	N 1	8	9	12.7
29	56.82	55.61	24.9	29	91	81	SW 1	SW 1	6	9	43.2
30	57.11	55.50	24.8	29.7	90	70	SSW 1	SW 1	5	7	------
31	57.39	55.17	24.8	32.6	89	68	S 1	NW 1	3	8	91.4
Mean	57.62	56.41	24.4	29.9	90.4	72.5	1	1.2	6.4	8.2	------
Total	------	------	------	------	------	------	------	------	------	------	259.8

AUGUST.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	57.50	56.85	24.2	30.6	91	75	SW 1	S 1	7	8	1.8
2	58.16	56.82	24.8	28.6	90	84	SW 1	SSE 2	7	8	24.6
3	58.46	56.90	25.4	30.8	90	68	SW 1	W 1	8	6	------
4	59.21	58.20	24.6	28.6	96	76	W 1	SW 1	7	8	------
5	58.33	56.92	24.9	29.2	89	74	SW 1	W 1	7	8	------
6	58.40	57.01	25	31	83	68	SW 1	SW 1	7	8	------
7	58.92	57.80	23.6	30	90	72	SW 1	SW 1	4	8	------
8	58.93	57.22	23	29.6	88	64	SW 1	SW 1	4	7	------
9	57.01	55.58	24.5	32.4	89	68	SW 1	SW 2	6	8	3.8
10	54.83	54.60	27.2?	26	76?	79	SW 1	SW 2	8	10	4.6
11	54.10	53.04	27.1	29	81	79	SW 2	SW 2	10	10	4.3
12	53.81	53.69	27	31.2	81	66	SW 1	SW 2	10	10	.5
13	53.75	54.80	28.2?	30	74?	73	SW 2	S 1	9	9	3.3
14	56.86	56.70	25	30.6	88	68	S 1	SW 2	8	8	1.5
15	59.23	57.95	24.2	30.9	91	74	W 1	NW 2	9	8	6.6
16	59.06	57.22	25.1	30.4	88	66	Calm	W 1	5	8	1.5
17	58.30	56.49	25	31.8	88	59	NE 1	SW 2	7	6	------
18	57.52	55.92	25	31.1	88	61	SW 1	S 3	8	8	------
19	57.37	56.60	25.1	31	88	68	NW 1	S 2	6	6	------
20	58.31	56.64	25.1	31.8	88	59	SW 1	SW 2	7	6	------
21	58.94	58.22	24.2	27.1	88	82	SW 1	NNW 2	8	10	2.5
22	59.60	57.58	23.4	31.2	90	70	SW 1	SW 1	3	8	4.6
23	59.20	56.86	22.9	31.2	89	68	SW 1	NE 1	4	8	7.4
24	57.48	56.40	24.2	30.4	88	74	S 1	N 1	4	9	------
25	57.87	56.88	25.1	31.8	86	69	S 1	NNE 1	4	8	------
26	59.08	57.57	24.2	30.2	91	69	S 1	E 1	5	8	------
27	58.68	57.80	24.2	30.6	86	73	SW 1	ENE 1	4	8	1
28	58.21	56.81	25.4	32.9	90	60	Calm	E 1	4	6	3.3
29	57.94	57.42	24	28.9	96	73	ESE 1	NW 1	10	10	8.1
30	58.01	57.54	23.6	29.6	90	76	SW 1	W 1	4	8	------
31	59.44	57.92	24	31	87	69	SW 1	E 1	3	8	------
Mean	57.82	56.64	24.8	30.3	87.2	70.3	1	1.5	6.4	8	------
Total	------	------	------	------	------	------	------	------	------	------	78.9

SEPTEMBER.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	59.78	58.09	23.8	30.2	90	69	SW 1	NE 1	6	8	2.5
2	58.83	56.25	21.9	30.2	89	70	E 1	E 1	8	9	------
3	56.10	54.19	25.2	30.8	78	68	S 1	SW 2	10	10	4.3
4	54.71	54.09	25.2	28.6	87	78	SW 1	S 2	10	10	4
5	56.08	55.81	24.2	29.8	91	74	S 1	S 1	10	10	.5
6	57.51	56.27	25.1	27.8	86	86	Calm	SW 1	8	9	5.8
7	------	56.33	------	30.5	------	70	Calm	E 1	7	6	21.6
8	58.34	57.28	23.2	29.2	97	92	SW 1	S 1	5	10	------
9	58.14	55.91	23.4	31.5	95	64	Calm	NE 1	6	8	1.5
10	57.92	56.95	24.2	27.9	91	86	W 1	NW 1	8	9	8.4
11	58.30	56.55	25.1	31	91	71	SW 1	S 1	6	6	3.3
12	59.72	58.79	24.1	25.9	91	85	SW 1	SW 1	10	9	3.6
13	58.51	57.15	23.6	27.1	90	84	SW 1	NE 1	6	10	3
14	57.33	55.33	24.2	28.6	91	76	Calm	N 1	10	9	42.9
15	56.28	56.05	23.2	28	90	78	S 1	E 1	10	10	5.3
16	57.54	56.62	24.8	27	87	90	S 1	NE 1	9	10	9.4
17	58.41	56.42	23.8	27	88	81	W 1	SW 1	9	10	16.3
18	56.50	55.91	22.8	28.2	89	76	SW 1	S 1	4	9	------
19	55.90	55.67	25.1	29.1	89	80	S 1	SSE 1	9	9	3.3
20	57.15	56.37	23.6	23.9	80	77	SW 1	SW 1	6	9	3
21	56.22	54.61	24.6	32	91	55	SW 1	SW 1	6	8	.8
22	55.09	52.70	25.2	30.8	90	69	SW 1	W 2	7	10	28.7
23	54.49	51.95	25.2	23.2	88	75	S 1	S 1	10	9	9.9
24	51.88	50.95	25.6	23.1	83	75	S 1	SW 3	9	10	23.1
25	52.89	52.03	25	27.8	85	76	S 1	S 1	10	10	10.4
26	54.17	54.68	24.6	25.6	90	75	S 1	S 1	10	10	18.3
27	57.04	56.02	24	29.8	95	72	S 1	SE 2	10	10	4.3
28	57.09	56.74	24.2	24	93	90	SW 1	S 1	10	10	53.4
29	55.49	55.70	24	26.2	90	87	S 1	S 1	10	10	16
30	56.94	56.41	22.9	30	90	71	SW 1	SW 1	6	10	------
31	------	------	------	------	------	------	------	------	------	------	------
Mean	56.74	55.61	24.3	23.0	89.1	73.5	0.9	1.2	8.2	9.2	------
Total	------	------	------	------	------	------	------	------	------	------	303.6

OCTOBER.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	58.78	56.83	23	32	98	67	SW 1	NE 1	4	10	6.4
2	59.19	56.16	24.4	31.9	91	72	SW 1	N 1	7	8	------
3	58.36	57.11	23.9	29.1	87	73	SW 1	E 1	10	10	20.8
4	58.73	57.84	24.1	28.4	86	74	SW 1	N 1	10	10	.8
5	58.62	57.40	24.2	27.9	90	77	S 1	SE 1	10	9	10.9
6	57.99	56.60	23.5	27.4	90	76	SW 1	SE 1	7	10	6.6
7	57.81	56.50	23.1	30	96	73	SW 1	NE 1	8	10	.5
8	58.33	57.66	24	27.8	88	76	E 1	NE 1	10	8	3.8
9	58.76	57.50	23.2	28	95	81	SW 1	N 1	10	10	6.3
10	58.71	57.77	24.9	30.2	91	73	S 1	SE 1	9	8	------
11	59	56.94	23.1	31.1	90	66	SW 1	N 1	8	7	------
12	58.38	56.33	23.6	31.2	90	71	W 1	E 1	5	6	------
13	58.27	57.29	24.2	30.1	90	70	Calm	E 1	5	6	.8
14	58.44	56.81	25.9	30.1	83	76	E 1	NE 1	9	6	7.3
15	57.22	56.12	24.9	30.2	89	76	Calm	NE 1	5	6	5.1
16	57.02	54.95	24.2	29.2	91	79	SW 1	NE 1	8	9	20.3
17	57.03	55.82	23.8	27.1	90	81	SW 1	NE 1	9	10	5.8
18	57.88	56.45	24.3	28	90	83	S 1	W 1	8	9	38.1
19	57.62	55.58	24.8	30.4	88	70	S 1	NE 1	8	8	1
20	57.09	55.97	25	29.6	87	75	NE 1	E 2	6	8	8.8
21	58.61	57.91	25.6	27.9	82	80	E 1	N 2	8	9	29.7
22	58.66	57.54	25.2	28.8	83	75	NE 2	E 1	8	8	6.4
23	58.76	56.90	25	28.5	88	82	NE 1	E 1	9	7	3.8
24	58.67	57.33	25.4	28.4	90	80	Calm	NE 2	8	10	3.1
25	58.99	57.80	25.2	30	91	75	Calm	NE 2	6	9	.5
26	60.56	58.88	25.1	29.2	89	68	E 1	NE 1	6	9	6.1
27	59.96	58.32	24.2	27.8	85	79	NE 1	NE 1	6	10	1
28	58.37	56.68	24.2	30.9	91	69	SE 1	NE 1	6	7	------
29	59.17	58.06	23.4	30.8	90	63	SW 1	NE 1	7	8	1.5
30	59.90	58.08	23.5	25.6	90	82	SW 1	N 1	8	9	9.6
31	58.17	56.70	21.2	26.4	91	82	NE 1	NE 1	9	10	3.6
Mean	58.49	57.03	24.3	29.2	89.4	75	0.9	1.1	7.6	8.5	------
Total	------	------	------	------	------	------	------	------	------	------	208.6

CANLUBANG, CALAMBA.

[ϕ=14° 13′ N; λ=121° 07′ E; barometer above sea, 67 meters; gravity correction not applied, −1 73 mm.]

Day.	NOVEMBER.											DECEMBER.										
	Pressure, 700 mm. +		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm. +		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	56.85	55.28	21.4	29.4	91	70	NE 1	NE 2	9	10	2.3	59.26	56.67	19.8	27	79	68	W 1	E 2	5	6	------
2	56.98	55.84	24.4	27.8	91	78	SW 1	E 1	7	6	1.8	57.70	56.90	22	28.2	81	63	WNW 1	NE 1	5	9	------
3	58.17	56.93	24.4	30.4	87	65	E 1	NE 2	6	5		58.02	57.27	23.9	27.4	90	78	E 1	E 1	7	8	------
4	58.65	55.93	25.2	30.2	86	69	ENE 2	NE 1	6	4	------	58.79	56.55	23.8	29.6	90	70	NE 1	NE 1	6	7	------
5	58.04	55.25	23.2	30.1	90	70	SW 1	NE 1	6	6	------	58.09	56.06	24	30.1	91	68	N 1	ENE 2	8	8	1
6	57.45	55.09	22.8	31.2	89	63	SW 1	N 1	5	6	------	57.72	56.65	24.4	28.2	82	74	E 1	E 2	6	8	------
7	56.67	54.93	24.1	31.8	87	58	NE 1	W 1	6	8	------	57.68	56.77	23.2	27.1	90	79	E 1	SSE 2	5	8	2.3
8	56.76	55.95	23.4	31.1	90	64	SW 1	N 1	6	7	------	57.75	56.07	23.6	27	90	81	Calm	E 1	6	8	11.1
9	58.12	56.95	22.5	31.2	80	62	SW 1	E 1	4	5	6.4	57.99	56.39	22.8	29.4	90	69	SW 1	NE 2	6	7	------
10	59.02	57.82	24.2	27.2	90	79	SW 1	E 2	8	10	2.8	58.30	57	23.6	28.2	90	79	Calm	NE 2	6	9	------
11	58.66	57.90	24.6	29.8	85	66	NE 1	NE 2	6	8	------	58.31	56.76	24	29.4	98	70	E 1	NE 3	8	8	------
12	59.22	58.83	24.9	27.2	87	67	NE 1	NE 3	5	8	.3	57.73	56.23	25.4	29.6	90	63	Calm	NE 4	5	8	1.8
13	60.07	58.86	25.2	28.9	76	66	ENE 1	NE 2	7	7	------	58.76	56.97	24.2	29.4	90	66	E 1	E 3	8	7	2
14	59.57	57.71	23.9	29.2	74	72	NE 1	NE 3	4	8	4.6	58.31	56.90	24.8	27	90	88	E 1	E 1	8	9	3.3
15	57.77	56.57	23.9	26.8	85	80	SW 1	NE 1	6	9	4.3	57.52	56.18	24.4	26.4	92	83	E 1	ENE 1	5	9	25.7
16	56.58	54.28	22.8	29.2	86	66	SW 1	NNE 1	6	7	------	57.64	55.06	24.6	28.9	90	69	NE 1	NE 2	10	10	4.8
17	56.28	54.45	24.5	31.4	86	62	S 1	NE 1	8	6	14.2	57.20	55.38	25	28.2	98	79	S 1	NE 1	10	8	2.5
18	57.88	55.94	24.2	29.8	86	77	SW 1	NE 1	7	8	------	57.22	55.30	25	28.4	87	64	Calm	NE 2	6	8	.5
19	58.42	56.54	24.9	30.4	81	65	SW 1	E 2	5	8	------	57.11	55.13	25	30	90	69	SE 1	NE 1	6	7	------
20	57.95	56.98	25.1	25.8	88	87	E 1	SW 1	7	10	1.5	57.93	56.21	22.6	29.4	90	69	SW 1	NE 1	6	8	------
21	58	57.23	21.4	28	85	79	E 1	E 1	6	9	.5	59.17	56.43	23.2	30	90	64	SW 1	NE 3	6	5	------
22	58.92	57.44	24.2	28.6	90	68	ESE 1	N 1	7	8	17.5	58.34	56.58	22.8	29.1	89	67	SW 1	NE 3	6	8	------
23	58.29	57.26	24.2	26.3	89	90	SW 1	ESE 2	9	10	4.3	58.19	56.84	24.4	27.4	90	76	NE 2	E 1	7	10	2.5
24	58.56	56.69	23.8	30.1	88	68	E 1	ENE 2	6	7	1	58.12	57.27	23.4	27.5	90	68	E 1	NE 3	6	7	1.5
25	57.94	56.02	24.8	27.2	90	74	SW 1	NE 1	6	8	11.7	59.41	57.08	25.8	27.8	90	74	Calm	NE 2	6	8	------
26	56.48	54.73	23.4	25.2	90	90	SE 1	NW 1	7	8	2.3	58.23	56.49	23.4	28.1	90	71	W 1	NE 2	.7	10	19
27	56.30	54.24	22.4	30	89	68	SW 1	N 2	5	8	1	57.94	57.23	22.9	24.8	98	82	NNE 1	NE 1	8	10	35.8
28	56.33	54.75	23.1	30	90	67	SW 1	N 2	7	8	1.5	59.24	58.31	23	21.8	90	82	NE 1	NE 3	10	10	.5
29	57.06	55.37	22.4	29.1	89	62	SW 1	E 1	6	8	------	58.23	57.04	23	25.2	90	79	NE 3	NE 2	9	10	11.7
30	58.16	56.94	24.2	28.6	90	55	NE 3	NE 5	6	7	------	58.23	56.84	21.6	26.1	98	86	N 1	N 1	10	10	------
31	------	------	------	------	------	------	------	------	------	------	------	58.44	56.16	22.8	29.5	94	75	SW 1	NE 1	6	8	------
Mean	57.84	56.20	24	29.1	86.8	69.9	1.1	1.6	6.8	7.6	------	58.15	56.49	23.6	28	90.2	73	0.9	1.8	6.9	8.3	------
Total	------	------	------	------	------	------	------	------	------	------	78.5	------	------	------	------	------	------	------	------	------	------	126

SANTA CRUZ, LAGUNA.

[ϕ=14° 18′ N; λ=121° 25′ E; barometer above sea, 3.8 meters; gravity correction not applied, —1.73 mm.]

JANUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	58.57	56.92	23.7	26.9	96	75	SE 1	NE 2	10	9	19.3
2	56.10	54.33	22.9	26.2	98	91	S 1	N 2	9	9	53.1
3	55.34	55.23	24.7	26.6	92	89	E 2	SE 1	6	9	6.8
4	59.22	58.01	21.8	30.8	87	70	E 2	ENE 2	4	4	------
5	60.12	59.03	24.2	29.7	96	71	SE 1	SE 3	4	6	------
6	60.38	59.75	21.8	26.9	97	86	S 1	NE 2	6	9	.3
7	60.51	59.10	23	28.3	96	73	E 1	SSE 2	4	7	------
8	61.22	60.50	23.2	30.2	94	70	ESE 1	NE 3	6	5	------
9	62.91	60.93	23.2	29.7	98	64	SE 1	ENE 4	5	5	1.3
10	62.82	61.25	23.5	28.7	94	74	E 1	NE 3	5	7	3.1
11	63.12	61.09	24.5	27.2	87	77	NE 4	NE 4	6	8	.8
12	62.15	60.65	24.5	27.8	85	70	NE 2	NE 4	7	8	4.8
13	61.10	60.05	24.3	26.7	87	81	ENE 3	NE 3	8	8	14.5
14	59.88	58.39	24.7	25.8	85	80	NE 2	NNE 5	9	9	------
15	57.07	56.33	23.3	26.2	97	79	ENE 1	NE 2	9	9	------
16	58.54	58.38	23.3	25.2	82	74	NE 3	NE 5	9	9	------
17	60.43	59.61	22.3	25.2	72	60	NE 4	NE 4	6	7	.3
18	61.30	60.57	20.1	23.7	91	77	NE 2	E 2	7	8	.6
19	61.95	61.01	19.8	26.2	93	64	SW 1	NE 3	4	5	------
20	61.26	59.72	21.8	26.7	81	56	SE 1	NE 3	8	8	------
21	60.03	58.53	19.1	27.1	96	66	SW 1	NE 2	9	8	------
22	59.63	57.48	23	26.2	88	79	SE 1	N 2	9	9	------
23	58.94	57.02	22.9	27.9	98	79	SE 1	NW 1	9	4	2.5
24	59.51	58.53	23.5	26.9	97	73	SE 1	NE 3	9	7	------
25	61.17	60.05	22.8	25.7	90	82	NE 3	N 3	9	9	.5
26	60.26	59.16	23.7	25.7	88	86	NE 3	NE 2	9	9	1
27	59.57	57.95	24.2	26.3	90	87	SE 1	NE 2	9	9	.3
28	59.08	57.46	24	27.1	93	77	E 2	ENE 3	9	9	1.6
29	58.29	57.41	24.2	24.8	87	87	ENE 2	E 2	9	9	7.7
30	58.79	57.37	23.4	25.3	91	87	SE 1	NE 2	9	9	.8
31	57.85	56.57	22.8	27.7	95	77	SE 1	WNW 2	9	9	------
Mean	59.91	58.66	23.1	26.9	91	76.3	1.7	2.7	7.4	7.7	------
Total	------	------	------	------	------	------	------	------	------	------	118.8

FEBRUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	57.82	56.65	22.8	26.8	97	76	SSE 1	NE 2	9	9	------
2	58.21	56.76	23.3	28.3	91	70	SE 1	NE 2	8	8	------
3	58.32	56	22.8	30.5	97	60	SE 1	N 1	9	5	------
4	58.33	56.65	23.1	27.3	97	82	SSE 1	NNE 1	9	9	12.7
5	58.73	56.91	21.3	29	98	69	SE 1	NW 2	6	5	------
6	60.07	57.47	18.9	29.4	99	62	SE 1	NW 1	3	3	------
7	58.28	56.52	20.1	28.6	98	55	SE 1	NW 2	6	3	------
8	58.24	56.96	16.1	27.7	99	54	SE 1	NNW 2	3	2	------
9	60.44	58.21	16.6	29.2	99	52	SE 1	NW 1	3	5	1.8
10	60.87	60.11	21.2	28.6	98	61	E 1	NE 3	7	5	------
11	62.05	60.23	20.3	25.8	98	87	SE 1	E 1	6	7	9.9
12	61.68	59.90	22.7	28.2	94	65	SE 1	E 4	7	6	------
13	61.71	59.49	23.7	29.1	91	62	E 1	E 3	8	4	------
14	62.92	60.81	21.1	26.7	98	73	SSE 1	NE 3	9	8	.3
15	60.98	59.09	22.8	27.8	97	76	E 1	NE 3	9	8	.8
16	61.38	59.04	22.7	29	98	69	SE 1	NNE 1	9	7	------
17	60.62	57.87	22.2	31.5	98	61	SE 1	E 1	7	6	------
18	59.55	57.29	22.3	30.2	98	66	S 1	NE 2	4	8	------
19	58.73	56.80	23.4	28.9	97	71	SSE 1	NE 2	8	9	------
20	57.94	56.62	21.5	28.7	90	78	SE 1	ENE 2	9	9	15.5
21	58.24	56.95	23.7	28	97	82	SSE 1	ENE 2	9	9	14.2
22	58.76	56.95	23.8	27.1	96	88	NE 2	NE 2	9	9	.8
23	58.43	56.89	23.9	30.7	94	60	SE 1	NE 3	7	5	------
24	58.58	57.38	21.9	30.5	97	56	S 1	NE 2	5	6	------
25	59.26	57.24	21.8	30.4	97	61	SE 1	E 2	7	7	------
26	59.11	57.50	22 1	30.5	98	58	SE 1	E 2	9	7	------
27	59.11	57.74	21.5	26.8	98	79	SE 1	NE 3	6	9	1.1
28	59.61	57.77	23	29.6	98	63	WNW 1	NE 4	8	5	------
29	59.81	58.31	20.1	31.1	99	61	SE 1	NE 2	6	4	1.3
30	------	------	------	------	------	------	------	------	------	------	------
31	------	------	------	------	------	------	------	------	------	------	------
Mean	59.58	57.77	21.9	28.8	96.8	67.3	1	2.1	7.1	6.4	------
Total	------	------	------	------	------	------	------	------	------	------	58.4

MARCH.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	60.19	59.96	24.6	26.2	85	77	NE 3	NE 2	9	9	------
2	60.05	59.82	24.2	23.3	83	98	NE 2	NE 4	8	9	0.6
3	60.36	59.46	23.8	29	83	69	E 2	E 4	7	6	------
4	61.30	59.50	22.2	31	97	65	SE 1	NE 2	7	6	------
5	60.91	59.64	23.3	26.8	93	80	SE 1	NE 3	6	9	.5
6	60.01	58.14	24.8	27.6	85	79	ENE 2	NE 2	9	7	------
7	58.49	56.75	22.8	30.5	96	74	SE 1	E 1	7	7	------
8	59.15	57.29	21.6	31.6	98	63	SE 1	NW 1	5	3	------
9	59.98	58.93	23.8	29.3	97	77	SE 1	ENE 4	6	4	------
10	59.92	57.79	23.1	31.7	96	59	SE 1	E 2	7	4	------
11	59.27	58.33	22.6	30.5	94	61	SE 1	ENE 3	6	4	------
12	60.56	58.91	23.1	29.7	89	64	SE 1	E 4	5	7	------
13	60.76	59.61	24	29.8	91	65	SE 1	E 2	8	7	.5
14	59.92	58.25	24.1	28.8	92	72	SE 1	E 2	7	7	.5
15	59.65	57.75	22.2	29.7	95	63	SE 1	NE 2	7	7	------
16	60.08	58.78	23.1	29.2	90	63	NE 1	NE 4	6	9	------
17	60.61	59.18	22.4	30.1	95	58	SE 1	NE 4	6	7	.5
18	60.66	58.66	23.7	28.2	97	72	SE 1	NE 2	9	7	8.6
19	60.50	58.59	23	30.7	89	57	E 1	E 4	4	5	------
20	59.77	58.61	25.3	30	90	62	E 2	E 3	6	8	------
21	59.97	58.79	23	30.6	96	62	SE 1	NE 3	5	4	------
22	61.18	59.57	21	31.5	96	53	SE 1	NE 3	4	5	------
23	61.73	60.75	22.6	31.1	92	54	S 1	ENE 3	4	5	11.7
24	62.56	61.77	23.7	26.2	89	74	ENE 1	ENE 3	9	9	.3
25	62.79	61.15	24.6	27.2	76	69	ENE 2	E 2	7	9	------
26	62.45	60.86	23.7	28.8	83	63	NE 1	ENE 3	4	5	------
27	61.52	60.45	24.4	30.8	85	54	ENE 1	NE 4	4	6	------
28	61.50	59.05	22.8	31.4	93	56	SSE 1	NE 2	3	3	------
29	60.26	58.20	24.1	31.7	88	53	SE 1	ENE 3	3	4	------
30	59.96	58.08	22.8	29.8	90	61	SE 1	ENE 3	2	5	------
31	59.24	57.08	23.7	32.0	90	48	SE 1	ENE 2	5	3	------
Mean	60.49	59.02	23.4	29.5	90.7	65.2	1.2	2.2	6	6.1	------
Total	------	------	------	------	------	------	------	------	------	------	13.2

APRIL.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	57.96	55.89	22.6	32.2	93	54	SE 1	W 1	7	7	------
2	58.26	57.53	23	31.3	90	52	ENE 1	NE 2	6	5	------
3	60.65	58.79	22.1	32.3	95	39	ENE 1	ENE 3	5	7	------
4	60.84	59.02	23.1	30.9	92	57	SE 1	E 3	7	6	0.8
5	61.36	60.75	23.8	26.9	96	70	SSE 1	NE 4	9	9	2.5
6	62.11	61.10	23.8	28.1	86	65	E 2	E 4	9	8	------
7	62.75	61.79	24.5	29.4	85	62	E 2	E 4	8	7	------
8	62.87	60.50	24.1	29.1	81	58	E 2	ENE 4	7	8	------
9	61.66	60.01	24.1	29.2	90	68	ESE 1	ENE 3	9	7	4.3
10	61.05	60.35	24.1	27.9	88	69	SE 2	NE 2	4	8	.3
11	61.14	60.19	23.2	25.6	94	85	SE 1	ENE 2	4	9	4.1
12	61.02	59.86	24.5	29.4	90	67	SE 2	ENE 4	9	6	4
13	60.82	59.53	24.7	31	87	56	E 2	E 5	4	5	.5
14	60.62	59.40	24.8	29.4	83	70	E 2	NE 2	7	9	.8
15	59.56	58.18	22.3	30.8	96	52	SE 1	E 3	7	6	------
16	60.51	57.75	20.5	29.8	96	58	SE 1	ENE 3	8	8	------
17	57.92	56.25	24.3	31.3	95	59	SSE 1	NE 2	9	6	.8
18	56.11	54.53	24.3	31.6	92	60	SW 1	NW 1	5	6	8.6
19	56.38	55.19	23.7	33.1	97	52	ESE 1	NW 1	3	4	------
20	56.83	55.08	23.8	32.7	96	46	SE 1	NW 1	4	3	------
21	56.72	55.05	23.4	32.7	96	45	ESE 1	NW 2	3	3	------
22	57.22	55.35	24.3	33.3	92	53	ESE 1	NNW 1	8	4	------
23	56.94	54.82	25.3	32.3	86	46	SE 1	NE 2	5	7	------
24	56.96	54.81	23.6	32.7	90	52	SSE 1	NNE 1	5	5	------
25	57.68	55.57	23.5	34.4	94	49	SE 1	E 2	3	6	------
26	58.77	57.28	23.7	33.2	94	48	SE 1	E 2	1	5	------
27	58.81	57.41	22.9	32.3	94	55	ESE 1	NE 3	1	3	------
28	58.96	56.56	24	32.8	93	54	E 1	E 2	3	6	------
29	58.87	56.58	24.3	33.9	92	48	ESE 1	E 3	3	4	------
30	59.20	57.43	24.7	32.5	91	57	SE 1	ENE 3	7	6	------
31	------	------	------	------	------	------	------	------	------	------	------
Mean	59.35	57.75	23.7	31.1	91.4	56.9	1.2	2.5	5.5	6.1	------
Total	------	------	------	------	------	------	------	------	------	------	26.7

SANTA CRUZ, LAGUNA.

[ϕ=14° 18′ N; λ=121° 25′ E; barometer above sea, 3.8 meters; gravity correction not applied, —1.73 mm.]

MAY.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	59.32	57.59	23.7	32.3	93	54	SE 1	NE 3	4	5	------
2	58.32	57.53	24.1	29.6	88	64	ESE 1	NE 4	6	7	0.3
3	57.41	57.19	23.7	27.3	97	80	SSE 1	NE 1	8	9	19.1
4	57.91	57.40	24	29.2	97	74	ESE 1	NNE 2	9	9	21.6
5	57.73	56.95	25.5	30.9	82	65	ENE 2	ENE 3	4	6	.8
6	58.05	57.02	25.2	30.8	92	66	ESE 1	ENE 3	7	8	4.8
7	57.44	56.76	24.8	28.5	98	80	SSE 1	E 2	9	9	44
8	58.94	57.85	24.7	29.2	92	73	E 2	E 3	3	7	10.4
9	59.46	58.53	21.2	29.8	91	71	E 2	ENE 3	6	8	13.7
10	59.24	58.03	24.5	26.9	96	88	NE 1	E 2	8	9	4.3
11	58.21	56.74	25.2	30.8	91	67	NE 1	SE 2	7	7	------
12	58.70	58.95	24.6	31.8	92	68	SE 1	S 1	9	7	19.3
13	58.38	56.74	24.5	28.5	95	76	SE 1	SW 1	8	9	.3
14	57.47	55.96	24	29.2	94	72	SSW 1	W 1	9	9	------
15	56.86	55.95	24.4	28.5	92	79	SE 1	SW 2	8	9	9.9
16	58.73	58.40	24.8	28.8	90	71	SE 1	NE 2	8	9	.3
17	59.87	58.60	23.1	30.9	97	59	E 1	ENE 3	6	5	1.8
18	59.45	57.48	25.2	32.7	89	57	SSE 1	ENE 3	4	4	------
19	58.50	56.79	25.7	30.7	86	72	ESE 1	N 1	6	6	3.3
20	58.40	56.89	25.3	30.3	90	73	SE 1	E 2	7	5	8.4
21	58.01	56.18	24.7	32	93	63	SE 1	E 2	7	7	------
22	57.82	56.86	24.8	28.9	96	78	S 1	NE 3	9	9	1.8
23	58.11	56.89	25.2	31.4	88	61	SSE 1	E 3	2	4	------
24	58.09	57.33	25.2	30.8	91	64	SSE 1	E 2	3	7	------
25	58.30	56.83	25.1	31.1	92	69	ESE 1	E 3	8	7	4.8
26	57.72	56.84	26.2	27.2	90	85	SE 1	ENE 3	8	9	14
27	56.80	54.98	25.1	29.7	97	76	SE 1	E 3	6	9	8.1
28	56.20	55.40	26.8	30.7	83	66	ESE 1	E 2	7	8	------
29	56.50	55.08	26.5	29.8	86	74	E 2	SW 2	9	9	1.3
30	57.94	56.42	24.2	30.6	96	67	SSE 1	W 2	9	7	------
31	57.57	56.61	24.2	31.1	96	66	SW 1	NW 1	8	8	2.8
Mean	58.11	56.93	24.8	30	91.9	70.3	1.1	2.3	6.7	7.5	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	195.1

JUNE.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	57.75	56.97	24.6	33	93	51	SE 1	E 2	8	6	------
2	57.07	55.82	24	33	94	49	SE 1	E 2	9	5	------
3	56.99	55.84	23.4	32	95	53	SE 1	NNE 2	8	6	------
4	56.97	56.04	23.9	31.3	97	66	S 1	NNE 1	6	8	3.6
5	57.30	55.12	25.1	31.8	94	66	SE 1	E 2	7	7	------
6	57.02	54.72	25.1	32.5	92	53	SSE 1	ENE 3	7	5	------
7	56.18	54.46	24	29.6	97	75	NE 1	SE 1	9	7	25.7
8	55.89	54.25	23.3	30.2	96	71	S 1	NE 1	9	9	4.8
9	55.41	54.10	24.6	29.6	93	69	ENE 1	SE 2	9	9	------
10	56.58	54.49	24	30.5	96	70	SE 1	ENE 2	9	9	------
11	55.74	53.04	25.3	30.4	94	71	SE 1	E 3	9	8	23.6
12	54.08	52.42	24.2	28.8	98	80	ENE 1	SW 1	9	9	20.3
13	53.15	53.31	24.3	27.7	98	80	ESE 1	SW 2	9	9	9.6
14	54.61	54.75	24.3	28.2	91	84	SW 1	WSW 2	9	9	17
15	55.57	54.37	23.8	27.6	98	88	E 1	W 1	9	9	------
16	54.71	53.65	24.7	29.9	96	75	S 1	WSW 3	9	9	.5
17	55.36	54.30	25	30.5	94	72	S 1	NNW 2	9	9	------
18	56.90	55.91	25.8	25.6	93	89	NW 1	SE 1	9	9	2.5
19	57.41	55.46	23.3	30.3	95	72	SSE 1	WSW 1	8	9	13.7
20	57.83	55.60	23.9	29.8	97	71	SW 1	WSW 1	10	7	1
21	57.11	55.05	24.7	28.9	96	79	SE 1	NW 3	8	7	28.4
22	57.04	57.61	23.8	24.5	98	93	WNW 1	NNW 1	9	10	3.3
23	58.52	57.35	23	30.6	96	73	NE 1	NE 1	7	9	------
24	59.40	57.98	23	32.1	95	64	SE 1	NNE 1	8	7	------
25	60.42	58.77	24	28.7	97	85	SE 1	SSW 1	9	9	4.1
26	60.15	58.01	24.1	26.7	97	90	E 1	SE 1	9	9	4.8
27	59.03	57.56	22.9	28.5	97	81	SSE 1	S 1	7	9	.3
28	58.79	57.11	24.2	31.3	96	68	SE 1	WSW 1	7	7	------
29	59.52	58.71	23.5	29.8	98	78	SE 1	NE 1	7	7	30.8
30	59.35	56.82	24.1	31.4	97	66	ENE 1	NE 2	8	7	3.3
31	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	------
Mean	57.06	55.61	24.1	29.8	95.4	72.7	1	1.6	8.3	8	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	197.3

JULY.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	58.21	56.67	21.2	31.8	91	57	SSW 1	NE 3	4	7	------
2	58.47	58.06	23.9	25.7	98	96	SW 1	N 1	8	9	13.2
3	58.05	57.03	24.3	30	94	72	SE 1	NE 3	7	7	27.4
4	56.89	57.17	26.3	27.7	83	79	ENE 2	E 2	8	9	1.5
5	58.85	57.56	24.4	30.5	96	72	E 1	W 1	9	9	------
6	58.82	58.99	24.5	24.8	97	92	NNE 1	S 1	9	9	5.1
7	59.57	57.83	25.4	31.8	92	64	SE 1	ENE 2	4	5	------
8	58.96	56.91	24.5	31	94	72	SSE 1	SE 1	7	7	.8
9	58.81	57	27	31.3	86	71	ENE 1	WNW 1	4	5	------
10	58.91	57.74	24.2	30.2	95	75	ESE 1	NNE 3	3	6	.5
11	58.96	57.97	24.5	31.9	92	59	SE 2	E 3	9	5	------
12	58.90	57.76	24.9	31.7	92	65	ESE 2	NE 3	8	7	2.3
13	58.74	58.06	24.6	26.5	96	94	ESE 1	NW 1	8	9	47.5
14	58.98	57.04	24.5	31.1	93	70	NE 2	ENE 3	9	9	6.1
15	58.48	57.87	24.2	30.7	97	70	SE 1	NW 2	8	9	------
16	58.12	56.88	25.1	29.3	93	78	SE 1	ENE 2	6	9	7.8
17	57.60	56.95	24.2	28	97	81	ENE 1	ENE 2	7	9	3.3
18	57.62	57.16	24.1	28.2	97	84	S 1	NNE 2	9	10	8.1
19	57.86	56.26	24.2	28.4	97	80	ESE 1	SE 2	9	8	------
20	57.83	55.60	23.5	31.3	97	71	SSE 1	NW 2	8	6	3.3
21	57.66	55.88	24	29.2	98	80	SE 1	SSE 1	8	8	3
22	56.47	55.50	23.9	27.7	94	85	ESE 1	SE 2	8	8	------
23	55.82	54.30	24.9	28.5	98	83	SE 1	W 3	9	7	------
24	55.93	55.04	24.1	28.2	97	77	SE 1	WNW 2	9	9	6.8
25	57.03	56.08	24.2	29.5	97	79	S 1	WNW 2	9	7	1.5
26	56.58	55.21	24.3	30	96	76	S 1	W 1	7	9	15
27	55.78	54.79	24.1	29.8	97	78	S 1	NNW 2	5	7	.3
28	55.97	55.10	24.2	30.6	94	76	SSE 1	NW 2	3	8	.3
29	56.08	55.48	24.8	29.5	95	79	SW 1	W 1	3	7	3.8
30	56.90	54.99	24.6	32.2	95	64	ESE 1	NW 2	3	4	21.8
31	57.24	54.97	24.1	32.3	96	63	S 1	WNW 1	4	6	13.2
Mean	57.74	56.57	24.5	29.7	94.6	75.5	1.1	1.9	6.6	7.5	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	192.6

AUGUST.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	58.08	56.51	24.1	30.3	96	74	ESE 1	SSE 1	7	8	------
2	58.12	56.70	24.5	29.8	96	74	WSW 1	WNW 3	7	8	------
3	58.34	57.01	24.7	30.4	96	72	SSE 1	W 2	7	7	3.6
4	59.02	57.79	24.8	29.9	94	78	ENE 1	WNW 2	9	7	3.1
5	58.20	56.77	24.2	31.2	97	66	ESE 1	NW 3	10	9	4.1
6	58.08	56.53	24.2	29.7	90	71	SW 1	SW 2	9	9	------
7	58.33	56.97	23.7	30.2	96	67	SSW 1	W 2	6	8	------
8	58.54	56.88	24.2	30	94	68	SW 1	WNW 3	5	8	------
9	56.90	55.25	23.8	31.5	97	60	SSW 1	W 4	10	7	1.5
10	54.76	54.79	26.2	24.8	90	87	SSW 1	SW 6	9	10	7.9
11	54.41	52.91	26	29.3	87	77	WSW 1	WSW 3	10	9	8.1
12	53.87	53.48	27.1	30.6	83	71	WSW 1	WSW 3	10	9	1.8
13	54.05	54.48	27.2	29	84	84	SW 1	W 2	6	9	2.3
14	56.42	56.55	24.4	30.8	96	67	SW 1	SW 3	8	7	11.2
15	59.22	57.93	23.5	31.2	98	64	SSE 1	WNW 2	10	5	14.5
16	59.14	56.99	24.2	30	98	74	SSW 1	WNW 3	9	8	4.6
17	58.17	56.19	24.4	30.8	95	59	SW 1	W 3	9	6	.8
18	57.78	55.64	25.1	32	91	61	SW 1	W 2	9	4	------
19	57.10	56.34	24.8	31.5	95	57	S 1	WSW 3	5	5	------
20	57.76	56.28	24.1	31.8	95	60	WSW 1	W 3	8	6	------
21	58.21	58.20	24.7	28.4	94	80	SW 1	SE 1	7	9	.8
22	59.75	57.50	23.1	32	98	59	SE 1	W 1	8	6	5.6
23	59.03	56.67	23.6	31.6	97	67	S 1	SW 2	8	7	------
24	57.67	55.97	22.8	31.3	96	71	SSE 1	WSW 2	7	8	2
25	57.94	56.69	23.2	30.3	96	74	SE 1	NNW 1	9	8	.8
26	59.09	57.84	23.7	31.2	97	72	SE 1	ENE 3	9	9	------
27	58.58	57.55	24.3	30.2	92	78	SE 1	NE 4	7	8	1.3
28	58.13	56.91	23.9	32.9	98	63	SE 1	ENE 3	8	7	16.5
29	58.03	57.02	23.5	28.2	98	80	N 1	NNE 2	10	9	6.1
30	57.83	57.19	23	31.4	98	74	SSW 1	NW 2	7	5	------
31	59.42	58.61	23.2	23.1	96	97	SE 1	SW 2	8	9	20.3
Mean	57.74	56.52	24.3	30.2	94.5	71	1	2.5	7.6	7.5	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	116.4

SANTA CRUZ, LAGUNA.

[ϕ=14° 18′ N; λ=121° 25′ E; barometer above sea, 3.3 meters; gravity correction not applied, —1.73 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	59.71	58.04	23.9	30.3	97	76	SSE 1	NNW 2	8	8	9.4
2	58.44	55.96	23.6	30.2	96	78	S 1	S 1	9	9	------
3	55.57	58.80	24.8	30.2	96	78	SSW 1	WSW 3	10	9	6.1
4	54.58	54	25.1	28.3	92	81	WSW 1	WSW 2	9	9	2.3
5	56.37	55.85	23.7	28.4	97	83	E 1	NNE 2	9	10	------
6	57.67	56.28	23.6	30.9	97	71	SSE 1	E 2	9	9	------
7	57.86	56.37	24.6	26.9	92	90	SE 1	SE 1	8	6	3.8
8	58.52	57.08	23.8	30.2	97	72	SE 1	ENE 2	7	9	------
9	58.18	55.78	23.4	25.6	95	90	S 1	SSE 2	5	9	14.2
10	57.83	56.35	24.1	26.5	97	90	S 1	WSW 1	8	9	6.9
11	58.27	56.33	24.9	30.7	93	74	NE 2	N 1	8	8	6.7
12	59.67	58.23	24.4	29.3	96	71	S 1	W 1	9	9	------
13	58.44	57.06	23.6	28.1	97	83	SSE 1	NE 1	7	9	4.1
14	57.48	55.21	23	26.1	98	92	ESE 1	WSW 1	10	10	49.1
15	56.30	56.17	22.6	25.6	99	92	ENE 1	SE 1	10	9	6.1
16	57.69	56.29	23.1	29.1	99	81	E 1	N 2	9	9	23.4
17	57.73	56.09	23	29.3	97	74	SSE 1	N 2	9	9	.5
18	56.12	55.81	23.2	30.4	98	62	SSW 1	WSW 2	9	5	------
19	56.23	55.84	24.4	28.8	95	76	S 1	W 2	5	8	3.8
20	57.32	56.14	23.7	30.8	97	72	S 1	WSW 2	8	7	------
21	56.06	54.38	24.5	31.1	96	69	SSW 1	WNW 2	8	6	4.6
22	54.96	52.59	25.2	30.4	96	66	WSW 1	WSW 2	7	9	49
23	53.94	52.27	24.3	25.1	97	92	NE 1	SW 1	9	9	3.6
24	51.94	50.95	25	28	89	83	SW 1	SW 2	9	9	18
25	52.82	51.91	24.3	27.3	94	83	WSW 2	WSW 1	10	9	17.6
26	54.53	54.43	23.7	25.8	96	91	SE 2	WSW 1	9	9	6.3
27	57.41	55.92	23.6	23.7	97	70	SE 1	NNW 2	10	9	5.9
28	56.68	56.94	24.4	26.9	97	86	SE 1	W 2	9	10	28.2
29	56.37	55.41	23.5	25.8	97	91	NE 1	ENE 1	9	9	25.7
30	56.74	56.47	22.7	27.6	94	81	SSE 1	WNW 1	4	7	4.1
31											
Mean	56.71	55.40	23.9	28.4	96.1	79.9	1.1	1.6	8.2	8.5	------
Total											298.9

OCTOBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	58.47	56.87	24.6	30.1	90	72	SE 1	NW 2	1	7	4.6
2	59.06	56.39	24.3	31.8	97	68	E 1	W 1	9	7	4.3
3	58.69	57.21	23.3	28.6	97	75	SE 1	S 1	9	9	1.6
4	58.96	57.39	24.2	27.1	96	81	NE 1	WNW 1	10	9	.8
5	58.73	57.40	23.9	26.4	97	82	S 1	SSE 1	9	9	5.1
6	58.07	56.43	23.1	24	97	91	S 1	NE 1	9	9	26.6
7	57.63	56.42	24.1	30.8	91	62	E 1	NE 3	8	6	2.3
8	58.61	57.26	23.2	26.7	91	83	SE 2	NE 1	9	9	12.2
9	58.90	57.50	22.7	26.2	97	82	NNW 1	WNW 1	10	9	5.1
10	59.16	57.90	23.5	30	97	67	SE 1	WNW 1	9	9	------
11	59.16	56.90	23.7	31.4	94	66	ENE 2	W 2	7	7	.8
12	56.55	56.59	24.9	29.9	94	72	ESE 1	NE 2	5	7	------
13	58.54	57.53	23.8	27.3	97	86	SE 1	ENE 3	4	8	16
14	58.32	56.91	24.7	28.8	94	74	NE 1	ENE 3	9	9	7.1
15	57.42	56.22	26.1	25.1	83	92	E 1	SSE 1	5	9	13.9
16	57.12	55.04	23.9	28.9	97	78	ESE 1	W 1	9	9	12.2
17	57.22	55.42	24.1	26.2	98	91	SE 1	NNW 2	9	10	18.8
18	58.09	56.42	24.1	26.8	97	83	E 1	SW 2	8	9	4.6
19	57.74	55.43	25.7	31	88	64	ESE 1	ENE 3	4	5	.8
20	57.48	56.82	26.2	31.7	85	63	E 2	E 3	4	7	24.9
21	58.78	57.72	25.5	25.8	89	90	NE 1	E 2	7	10	32
22	58.62	57.22	24.8	27	87	82	NE 2	E 2	9	9	5.6
23	58.52	56.61	26.1	28.8	92	78	ESE 1	NNE 2	6	9	20.6
24	58.91	57.37	25.6	29.2	89	79	NE 2	E 2	8	9	4.3
25	59.35	58.30	26.5	28	84	79	E 2	ESE 2	8	9	6.9
26	60.65	60.14	24.4	27.7	95	74	ESE 2	E 3	8	9	24.4
27	60.12	58.67	23.3	26.9	96	85	SE 1	NE 2	7	9	18.8
28	58.37	57.44	24.9	27.5	90	86	ENE 2	ENE 2	8	9	2.3
29	59.22	58.02	23.3	29.3	97	66	SSW 1	ENE 3	4	5	1.5
30	59.94	58.13	23.8	27	97	85	SSE 1	ENE 2	9	9	33.8
31	58.27	56.77	23.3	25.6	97	90	ENE 1	S 1	10	9	13.7
Mean	58.60	57.05	24.4	28.1	93.2	78.3	1.3	1.9	7.1	8.3	------
Total											225.6

NOVEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	57.09	55.16	24	27.4	93	81	SE 1	ENE 2	9	9	4.1
2	57.43	55.54	23.9	28.8	98	69	SSE 1	ENE 2	8	7	1.5
3	58.78	56.86	25.8	28.7	91	71	E 1	ENE 3	9	5	11.5
4	58.80	56.21	24.4	29.7	91	64	SE 1	ENE 3	6	5	------
5	58.12	55.51	23.1	30.2	96	58	SSE 1	NNE 2	4	6	------
6	57.42	55.40	23.3	30.8	98	65	E 1	W 2	3	3	------
7	57.26	55.39	23.1	30.7	95	65	S 1	NW 1	3	7	------
8	57.06	56.21	23.1	30.6	96	63	SSW 1	NW 2	6	3	------
9	58.82	57.15	22.8	30.9	95	61	SSE 1	NE 2	7	6	4.3
10	59.74	57.95	23.6	27.2	97	75	SE 1	NE 3	10	9	7.9
11	58.89	57.97	25	28.6	77	65	ENE 3	ENE 4	7	7	------
12	59.40	58.68	24.2	26.6	86	74	ENE 2	NE 4	4	9	4.6
13	60.26	59.39	23.3	26.7	93	71	NE 2	NE 4	9	9	.8
14	59.92	57.94	22.8	28.5	85	70	E 1	ENE 3	3	5	6.4
15	57.79	56.35	23.2	27.8	97	74	S 1	NE 4	9	7	.5
16	56.52	54.11	23	28.7	98	69	SSW 1	WSW 1	9	9	1
17	56.56	54.55	23.9	30.9	98	60	NE 1	WSW 1	9	4	------
18	58.14	56.06	23.3	30.7	97	63	S 1	WNW 1	9	6	11.9
19	58.62	56.66	24.2	28.9	94	74	SE 1	ENE 2	9	9	4.8
20	57.97	56.75	24.6	27.2	92	83	SE 1	NE 1	9	9	1.5
21	58.01	57.39	24.2	28.2	87	77	SE 1	ENE 2	9	9	------
22	58.97	57.21	23.3	26.6	98	86	S 1	NNE 2	9	9	43.3
23	58.52	57.04	23.1	28.8	99	71	SSE 1	NE 3	10	9	1.5
24	58.52	56.81	24.4	30.1	91	69	E 2	NE 2	7	6	2
25	57.82	56.87	23.3	28.5	97	79	ENE 1	ENE 2	7	8	1.3
26	56.51	54.83	23.3	25.5	97	86	SSW 1	NE 3	7	9	2.3
27	56.25	54.60	22.2	23.8	97	78	SE 1	WNW 1	6	8	1.5
28	56.46	55	22.6	27.8	98	84	ENE 1	WNW 1	4	9	2.8
29	57.01	55.59	22	23.3	97	66	E 1	NE 2	8	9	------
30	58.87	57.64	23.8	26.2	77	66	SE 1	NE 4	9	7	------
31											
Mean	58.05	56.39	23.6	28.6	93.2	71.1	1.2	2.3	7.3	7.2	------
Total											120.5

DECEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	59.10	56.98	19.5	26.1	98	67	SSE 1	NE 3	5	7	------
2	57.64	56.30	23.3	26.9	82	69	NE 2	NE 2	9	9	1.5
3	57.98	57.47	22.7	27	96	77	ESE 1	NE 2	9	9	4.1
4	58.86	57.04	23.8	27.6	89	85	E 2	SE 2	5	8	------
5	58.29	56.15	23.5	29	96	77	SE 1	ENE 3	8	6	.8
6	57.72	56.74	23.9	27.6	90	81	SE 1	ENE 2	5	7	.8
7	57.54	56.61	22.3	27.5	97	79	SW 1	NE 2	7	8	.5
8	57.61	56.12	23.1	26	99	89	SSW 1	NNE 1	8	9	10.4
9	57.54	56.82	22.1	29.3	99	70	SE 1	E 2	4	4	------
10	57.52	57	24.1	25	96	98	SE 1	ESE 2	7	9	6.4
11	58.29	56.89	23.1	28.6	99	75	SE 1	NE 3	5	7	------
12	58.23	56.74	21.7	27.2	99	84	S 1	ENE 3	8	8	.8
13	58.62	57.09	24	29.4	96	68	SSE 1	ENE 4	9	6	7.1
14	58.28	56.65	24	28.8	97	80	E 1	E 2	7	7	.8
15	57.40	56.08	25.3	25.7	87	98	NE 2	ENE 2	7	9	44.7
16	57.49	55.24	24.4	27.1	90	85	NE 1	E 3	9	7	6.4
17	57.08	55.22	24.4	28.9	94	77	E 2	E 2	9	7	12.2
18	57.29	55.27	24.5	29	92	76	ENE 1	E 3	4	8	1.5
19	57.21	55.23	24.3	29.1	91	76	SE 2	ENE 3	7	7	------
20	57.38	56.12	21.8	28.6	98	73	SSE 1	E 2	3	8	1.3
21	58.99	56.87	23	29.2	94	72	SSE 1	E 2	6	6	------
22	58.33	56.49	22.2	28.6	96	74	E 1	NE 2	4	3	------
23	58.06	56.75	23.4	27.7	90	73	SE 1	NE 3	3	9	8.6
24	57.81	56.79	22.2	26.4	97	82	S 1	NE 2	7	8	2.3
25	58.86	57.46	21.3	29	99	68	SSE 1	ENE 3	5	5	.5
26	58.11	57.03	22.9	26.1	97	75	SSW 1	ENE 4	7	9	21.3
27	57.88	57.17	24.2	23.7	94	89	ENE 2	E 1	9	10	32.3
28	59.12	58.28	23.2	24.2	85	80	ENE 4	ENE 4	10	9	.6
29	58.73	57.02	23.6	24.8	83	83	ENE 2	ENE 3	9	9	9.9
30	58.08	56.13	22.7	27.2	96	78	NNE 1	ENE 1	8	9	.5
31	58.40	56	21.9	29.2	98	68	ESE 1	ESE 2	6	5	------
Mean	58.07	56.57	23.1	27.4	93.8	78.1	1.4	2.4	6.6	7.5	------
Total											170.3

ANTIPOLO.

[=φ14° 36′ N; λ=121° 10′ E.]

JANUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	-----	-----	21.7	27.5	94	66	Calm	NE 2	10	10	6.1
2	-----	-----	22.2	24.7	92	86	NNW 1	NNW 2	10	10	22.1
3	-----	-----	22.3	27.4	91	76	Calm	SE 2	8	10	2
4	-----	-----	23.3	29.8	88	66	ESE 2	SE 2	6	4	-----
5	-----	-----	23.3	29.5	89	56	Calm	ESE 2	8	3	1.5
6	-----	-----	21.5	29.3	87	64	Calm	SSE 2	10	9	-----
7	-----	-----	22.3	29.8	90	62	Calm	ESE 2	8	4	-----
8	-----	-----	22	29.4	91	66	Calm	SE 3	8	7	-----
9	-----	-----	21.7	29.9	92	55	Calm	NE 2	8	6	-----
10	-----	-----	21.9	29.5	91	57	Calm	NE 2	9	8	-----
11	-----	-----	23.4	28.4	88	69	NE 2	NE 2	10	8	2.5
12	-----	-----	21.7	28.4	91	64	Calm	NE 3	10	9	-----
13	-----	-----	21.9	28	94	66	Calm	N 1	10	9	3.6
14	-----	-----	20.8	26.7	95	67	Calm	N 1	10	10	-----
15	-----	-----	22.5	27.1	84	68	N 1	N 2	10	10	-----
16	-----	-----	21.2	27	89	59	Calm	NE 3	10	9	-----
17	-----	-----	18.5	25.3	81	50	Calm	NE 4	6	6	-----
18	-----	-----	17.5	26.2	87	51	N 1	NE 4	10	7	-----
19	-----	-----	18	25.5	89	58	Calm	NE 3	10	8	-----
20	-----	-----	20	26.4	85	55	Calm	NE 3	10	9	-----
21	-----	-----	19	25.8	86	65	Calm	SW 1	10	9	-----
22	-----	-----	20.5	28.3	90	65	Calm	NE 1	10	7	.8
23	-----	-----	20.7	25.9	95	85	Calm	W 1	10	7	6.9
24	-----	-----	21.8	26.9	96	67	Calm	N 1	10	9	-----
25	-----	-----	20.3	27.9	82	60	Calm	N 1	8	8	-----
26	-----	-----	21.3	26.9	93	72	Calm	N 1	8	10	-----
27	-----	-----	22.9	27.6	85	72	Calm	NE 2	10	10	1
28	-----	-----	22.3	28	88	68	Calm	NE 2	10	8	-----
29	-----	-----	21.5	26.8	84	61	Calm	NE 3	8	9	.8
30	-----	-----	21.2	28.3	91	62	Calm	NE 2	9	8	-----
31	-----	-----	21.4	26.7	91	71	Calm	N 1	10	9	-----
Mean	-----	-----	21.3	27.6	89.2	64.8	0.2	2	9.2	8.1	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	47.3

FEBRUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	-----	-----	21.8	26.1	93	76	Calm	Calm	5	10	-----
2	-----	-----	21.3	29.6	90	64	Calm	SE 3	7	7	-----
3	-----	-----	21.8	31.4	93	52	Calm	SW 2	9	4	-----
4	-----	-----	22.7	26.9	96	77	Calm	Calm	10	9	6.6
5	-----	-----	21.5	28.6	97	60	Calm	WSW 2	2	2	-----
6	-----	-----	19.8	29.3	95	57	Calm	SW 2	4	1	-----
7	-----	-----	18.5	28.4	96	64	Calm	W 2	4	2	-----
8	-----	-----	17.9	27.6	96	52	Calm	SW 2	3	2	-----
9	-----	-----	17.1	28.9	85	56	E 1	SW 2	2	2	-----
10	-----	-----	20.3	29.5	90	53	Calm	NE 2	7	4	.3
11	-----	-----	19	28.3	90	63	Calm	S 2	7	8	9.4
12	-----	-----	21.3	28.4	90	64	Calm	SE 3	10	8	1.3
13	-----	-----	20.4	28.5	86	57	Calm	NE 1	2	8	-----
14	-----	-----	21.3	28.7	90	53	Calm	NE 2	8	8	1.8
15	-----	-----	21.4	24.4	95	87	Calm	NE 1	10	10	13.2
16	-----	-----	21.3	31.9	92	55	Calm	SE 1	10	8	-----
17	-----	-----	20.7	30.4	92	63	Calm	SSW 2	10	8	19.6
18	-----	-----	21.6	29.1	92	68	Calm	SE 2	6	9	-----
19	-----	-----	21.8	29.8	91	59	Calm	NE 2	6	9	-----
20	-----	-----	22.5	28	89	65	Calm	NE 3	9	8	1.5
21	-----	-----	22.6	28.2	89	66	Calm	NE 2	10	10	-----
22	-----	-----	22.8	27.9	88	67	Calm	NE 3	10	10	.8
23	-----	-----	22.8	30.9	87	50	Calm	SE 2	4	3	-----
24	-----	-----	21.9	30.5	90	55	Calm	SSE 3	9	8	-----
25	-----	-----	20.1	29.8	84	55	NNE 1	SW 1	9	9	-----
26	-----	-----	20.8	29.5	87	64	Calm	SE 2	10	9	.8
27	-----	-----	21.7	28.6	87	66	Calm	SE 2	8	8	-----
28	-----	-----	21.5	31.4	90	43	Calm	E 2	8	2	-----
29	-----	-----	20.2	31.5	81	50	N 1	S 2	8	4	2.8
Mean	-----	-----	21	29	90.4	60.7	0.1	1.9	7.1	6.6	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	58.1

MARCH.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	-----	-----	21.9	28.3	96	52	Calm	ENE 4	10	8	0.3
2	-----	-----	21.4	28.2	84	52	Calm	NE 3	10	4	-----
3	-----	-----	20.2	28.4	87	52	Calm	E 4	8	4	-----
4	-----	-----	20.7	29.7	87	60	Calm	NE 2	9	8	-----
5	-----	-----	21.7	29.5	89	57	Calm	NE 2	8	8	-----
6	-----	-----	23.3	29.9	80	55	Calm	NE 2	8	6	-----
7	-----	-----	21.4	29.9	88	62	Calm	SW 2	7	5	-----
8	-----	-----	21.7	32	93	57	Calm	SW 1	3	3	-----
9	-----	-----	22.4	31	88	52	Calm	NE 2	8	7	-----
10	-----	-----	20.4	32.4	87	55	Calm	SSW 2	8	7	-----
11	-----	-----	22.4	31.6	91	40	Calm	NE 2	9	4	-----
12	-----	-----	21	30.7	77	47	Calm	NE 2	3	7	-----
13	-----	-----	21.8	31.5	85	51	Calm	SE 2	8	8	-----
14	-----	-----	22.5	32.9	82	39	Calm	NE 3	8	3	-----
15	-----	-----	22	32.3	82	43	Calm	E 3	8	3	-----
16	-----	-----	21.4	32	83	43	Calm	NE 3	4	8	-----
17	-----	-----	21.7	31.8	83	49	Calm	ENE 3	7	6	-----
18	-----	-----	23	24.9	79	89	Calm	SE 1	9	10	7.6
19	-----	-----	22.9	31	79	53	Calm	ESE 2	5	3	-----
20	-----	-----	21.8	31.3	87	52	Calm	E 3	3	6	-----
21	-----	-----	22.7	32.5	82	48	Calm	E 2	3	3	-----
22	-----	-----	21.7	34	84	36	Calm	NE 2	4	3	-----
23	-----	-----	21.4	32.2	82	47	Calm	E 3	4	5	18.3
24	-----	-----	21.9	27.8	96	60	Calm	NE 4	9	8	-----
25	-----	-----	23.2	29.4	73	55	NE 2	NE 4	4	7	-----
26	-----	-----	21.4	31.3	82	50	Calm	NE 2	5	4	-----
27	-----	-----	23	30.8	90	53	Calm	E 2	8	6	-----
28	-----	-----	23.9	32.2	70	50	NE 2	SSE 1	4	6	-----
29	-----	-----	22.2	33	85	41	Calm	NE 2	3	3	-----
30	-----	-----	21.4	32.4	82	46	Calm	E 2	3	6	-----
31	-----	-----	21.8	33	86	48	Calm	S 2	6	6	-----
Mean	-----	-----	21.9	30.9	84.5	51.4	0.1	2.4	6.2	5.6	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	26.2

APRIL.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	-----	-----	22	32	90	51	Calm	SSW 2	8	8	-----
2	-----	-----	21.8	33.4	87	43	Calm	NE 2	8	3	-----
3	-----	-----	22.5	33.1	79	47	E 1	SSW 2	4	8	-----
4	-----	-----	23	29.9	93	64	Calm	SE 2	7	9	3.6
5	-----	-----	22.5	28.5	96	57	Calm	NE 3	10	8	.8
6	-----	-----	23.5	27.7	79	64	NE 1	E 2	9	9	-----
7	-----	-----	22.3	31.5	85	47	Calm	NE 4	4	4	-----
8	-----	-----	24.3	31.3	63	48	NE 3	NE 3	9	8	-----
9	-----	-----	22.4	30	87	59	Calm	E 3	8	8	-----
10	-----	-----	24.2	31.4	77	49	NE 2	NE 2	2	6	-----
11	-----	-----	23.2	32	77	46	NE 1	ENE 5	3	5	-----
12	-----	-----	23.9	31.3	72	50	NE 1	NE 4	2	3	.5
13	-----	-----	22.3	31.3	94	46	N 1	NE 3	6	3	-----
14	-----	-----	23.6	28.6	78	76	NE 1	SE 1	10	9	5
15	-----	-----	21.8	33.3	87	39	Calm	SE 2	5	5	-----
16	-----	-----	21.1	32	81	43	Calm	NE 2	9	9	-----
17	-----	-----	22.5	33.4	87	48	Calm	N 2	8	8	-----
18	-----	-----	22.9	33.3	87	50	Calm	SW 2	4	7	7.1
19	-----	-----	22.4	31.9	96	51	Calm	WSW 2	2	2	.5
20	-----	-----	22.2	32.3	89	43	Calm	SW 2	2	3	-----
21	-----	-----	23.3	33.2	84	36	Calm	SW 2	3	2	-----
22	-----	-----	23.4	32.5	86	48	Calm	SW 2	9	8	-----
23	-----	-----	24.3	34.3	82	39	Calm	SSW 1	7	3	11.2
24	-----	-----	23.9	33.4	91	44	Calm	S 2	9	2	34.8
25	-----	-----	22.9	28.3	92	71	Calm	NNE 1	4	9	-----
26	-----	-----	22.2	31.5	90	59	Calm	SE 2	2	8	-----
27	-----	-----	21.9	33.5	87	48	Calm	SE 1	2	3	-----
28	-----	-----	23.4	31.7	83	59	Calm	S 1	2	8	-----
29	-----	-----	24.2	32.5	82	52	Calm	SSW 1	2	5	-----
30	-----	-----	23.4	29	91	67	Calm	W 1	3	8	-----
Mean	-----	-----	22.9	31.6	85.1	51.5	0.4	2.1	5.4	6	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	63.5

ANTIPOLO.

[$\phi = 14° 36'$ N; $\lambda = 121° 10'$ E.]

MAY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	-----	-----	21.5	31.[illegible]	91	59	Calm	NE 2	4	8	-----
2	-----	-----	22.9	32.3	88	45	Calm	NE 2	6	7	-----
3	-----	-----	22.5	29.4	87	59	Calm	NE 2	9	9	4.8
4	-----	-----	23.5	29.4	90	63	Calm	NE 2	10	9	4.3
5	-----	-----	22.6	32.3	82	47	Calm	NE 2	2	2	-----
6	-----	-----	23.4	33	88	46	Calm	NE 3	6	4	.5
7	-----	-----	23.[illegible]	30.3	91	56	Calm	NE 2	5	8	2
8	-----	-----	22.4	31.4	92	57	Calm	NE 3	5	6	.8
9	-----	-----	24	31	81	61	ENE 1	NE 1	4	5	1.8
10	-----	-----	23.7	29.8	80	65	NE 1	NE 2	2	9	3.5
11	-----	-----	24.2	30	85	60	Calm	SE 3	7	8	-----
12	-----	-----	23.9	32.7	91	49	Calm	SE 1	10	7	-----
13	-----	-----	24	29.3	86	56	Calm	W 3	9	10	-----
14	-----	-----	23.4	27.4	88	78	Calm	Calm	10	10	1.3
15	-----	-----	23.9	27.4	95	68	Calm	NE 2	9	8	-----
16	-----	-----	23.4	31.2	91	55	Calm	E 3	9	9	1.8
17	-----	-----	22.5	33.2	91	44	Calm	SE 1	6	6	-----
18	-----	-----	23.7	34	82	44	Calm	SE 2	3	4	-----
19	-----	-----	22.9	33.8	88	49	Calm	SE 2	2	3	-----
20	-----	-----	23.9	34	87	48	Calm	SSE 2	3	3	-----
21	-----	-----	23.7	29.1	92	68	Calm	SE 1	9	9	-----
22	-----	-----	24.1	28.5	89	67	Calm	N 1	8	9	.5
23	-----	-----	22.9	33.6	83	49	Calm	NE 2	1	4	-----
24	-----	-----	23.4	32.2	83	48	Calm	NE 2	2	7	-----
25	-----	-----	24.7	27	77	80	Calm	NE 2	4	7	1.3
26	-----	-----	23	28.9	90	65	Calm	NE 1	2	9	-----
27	-----	-----	24.9	31.9	86	55	E 1	SE 3	8	8	1.6
28	-----	-----	24.8	33.2	83	48	Calm	SE 2	8	8	.5
29	-----	-----	24.4	31.1	84	58	Calm	SE 2	10	10	36.1
30	-----	-----	24.4	29.4	91	69	Calm	W 1	10	9	-----
31	-----	-----	23.8	27.8	91	79	Calm	NW 2	9	9	1
Mean	-----	-----	23.[illegible]	30.8	86.9	57.9	0.1	1.9	6.2	7.2	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	61.8

JUNE.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	-----	-----	22.9	30	96	65	Calm	SE 1	8	8	59.9
2	-----	-----	23	31.7	96	58	Calm	S 1	9	7	-----
3	-----	-----	22.9	32	91	53	Calm	S 1	9	7	-----
4	-----	-----	24.4	30.1	88	61	Calm	Calm	8	10	2.3
5	-----	-----	24.3	30.8	91	64	Calm	SE 2	9	7	-----
6	-----	-----	22.9	32.7	91	54	Calm	SSE 2	3	7	.5
7	-----	-----	23.4	30.4	83	65	Calm	N 1	10	8	-----
8	-----	-----	23.9	31.1	87	62	Calm	E 1	10	10	-----
9	-----	-----	23.4	32	91	54	Calm	SE 2	10	9	-----
10	-----	-----	24.4	32.9	90	53	Calm	SE 3	9	9	-----
11	-----	-----	24.4	32.9	87	54	Calm	S 3	10	8	69.8
12	-----	-----	23.5	26.3	98	89	E 1	SW 1	7	10	73.2
13	-----	-----	23.4	25.8	97	84	E 1	SW 2	10	10	7.4
14	-----	-----	23.8	22.5	96	98	Calm	SW 3	10	10	68.3
15	-----	-----	23.4	25.5	97	92	Calm	Calm	10	10	8.4
16	-----	-----	24.9	27	96	87	Calm	SW 2	10	10	5.6
17	-----	-----	24.4	27.9	88	81	Calm	SW 2	10	10	2.5
18	-----	-----	24	27.3	91	86	Calm	SW 2	10	10	7.6
19	-----	-----	23.2	31.1	97	64	Calm	S 1	9	8	63
20	-----	-----	22.5	28	98	73	SSW 2	SW 2	10	9	11.9
21	-----	-----	23.5	27.7	96	78	Calm	W 6	9	10	11.2
22	-----	-----	22.5	24.4	97	89	Calm	Calm	10	10	21.3
23	-----	-----	22.4	30	88	64	Calm	SE 1	10	10	29.7
24	-----	-----	22.4	29.8	96	65	Calm	WSW 1	10	9	-----
25	-----	-----	23.2	24.9	97	88	Calm	N 1	10	9	10.9
26	-----	-----	23	31.4	97	66	Calm	S 2	9	7	2
27	-----	-----	23.3	31.5	97	56	Calm	S 1	6	4	-----
28	-----	-----	24	30	97	67	Calm	W 2	9	8	4.6
29	-----	-----	23.5	27.9	94	81	Calm	SW 1	8	8	14.7
30	-----	-----	23.1	30	94	65	Calm	E 1	10	9	4.1
31	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Mean	-----	-----	23.5	29.2	93.2	70.5	0.1	1.6	9.1	8.7	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	478.9

JULY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	-----	-----	23.6	28	90	70	Calm	NE 2	3	8	1
2	-----	-----	22.9	26	87	83	E 1	W 1	8	10	3.8
3	-----	-----	22.4	23.2	96	76	Calm	NNE 1	3	7	4.8
4	-----	-----	24.2	26.4	86	80	ENE 2	SE 2	9	10	11.2
5	-----	-----	22.8	28.8	96	72	Calm	Calm	9	9	.5
6	-----	-----	23.8	26.9	98	84	Calm	S 2	9	10	1.8
7	-----	-----	23.3	29.7	92	69	Calm	S 1	8	6	12.7
8	-----	-----	22.4	31.4	96	68	Calm	SE 1	7	9	-----
9	-----	-----	23.8	31.9	91	59	Calm	SSE 1	7	4	-----
10	-----	-----	22.9	27.4	92	84	Calm	Calm	2	9	2.3
11	-----	-----	22.8	30.7	95	66	Calm	W 1	9	8	-----
12	-----	-----	24	30.4	91	66	Calm	NE 2	9	9	-----
13	-----	-----	24.3	30.4	91	69	NE 1	NW 1	9	9	4
14	-----	-----	23.7	29.5	92	73	Calm	W 1	8	9	16.3
15	-----	-----	23.3	28.4	92	82	Calm	Calm	10	10	.8
16	-----	-----	23.6	30.5	94	58	Calm	NE 2	8	9	3.3
17	-----	-----	23.4	27.4	96	77	Calm	SE 1	9	10	1
18	-----	-----	23.8	26	91	84	NE 1	NW 1	10	10	1.3
19	-----	-----	23.1	27.5	92	84	Calm	SW 2	9	9	.5
20	-----	-----	22.9	26.8	96	89	Calm	NNE 1	9	9	1.3
21	-----	-----	23.3	28.4	97	81	Calm	NW 2	9	10	2
22	-----	-----	22.5	28	96	80	Calm	Calm	4	9	6.9
23	-----	-----	24.3	28	97	77	Calm	SW 2	8	8	-----
24	-----	-----	23.8	29.9	95	69	Calm	W 3	10	7	48.3
25	-----	-----	23.8	28	97	81	Calm	SW 3	8	9	13.2
26	-----	-----	23.4	28.9	96	77	Calm	SW 3	8	7	9.7
27	-----	-----	23.5	28.5	97	77	Calm	WSW 2	8	8	10.4
28	-----	-----	23.8	28.7	96	80	Calm	WSW 2	8	8	6.1
29	-----	-----	24.2	28.3	97	81	Calm	SW 2	6	8	-----
30	-----	-----	24.3	31	97	65	Calm	SW 2	3	7	-----
31	-----	-----	24.7	31.8	93	61	Calm	SW 1	7	5	4.8
Mean	-----	-----	23.5	28.8	93.7	74.9	0.2	1.5	7.5	8.4	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	168

AUGUST.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	-----	-----	23.9	31.9	96	62	Calm	SSW 2	8	8	9.1
2	-----	-----	24.4	29	96	73	Calm	WSW 3	9	9	7.4
3	-----	-----	24.2	28.5	97	80	Calm	WSW 2	10	9	39.3
4	-----	-----	23.7	27.9	97	77	Calm	WSW 3	10	9	15.7
5	-----	-----	23.4	28.5	97	74	Calm	WSW 3	10	9	16.2
6	-----	-----	23.5	26.4	97	86	SSW 1	SW 2	10	9	3.3
7	-----	-----	24.1	29.9	94	62	Calm	SW 4	9	7	2.5
8	-----	-----	23.9	28.4	97	70	Calm	WSW 3	4	9	-----
9	-----	-----	24.4	29.5	91	70	SW 1	WSW 4	10	9	31.5
10	-----	-----	24.8	25	91	88	SSW 2	WSW 4	10	10	20.1
11	-----	-----	24	27.2	95	81	WSW 2	SW 2	10	10	8.9
12	-----	-----	25	28.5	92	74	SSE 1	SW 5	10	10	2.8
13	-----	-----	25.3	27.2	92	86	SW 3	SW 3	10	10	14.5
14	-----	-----	23.9	28	98	77	SSW 1	SW 4	10	8	18.3
15	-----	-----	22.7	29.5	97	69	Calm	W 2	10	8	2.3
16	-----	-----	23.2	29	97	71	N 1	WSW 3	9	8	51.3
17	-----	-----	22.8	28	98	77	W 1	WSW 4	10	8	25.9
18	-----	-----	22.8	27.3	98	82	SW 2	WSW 4	10	9	37.6
19	-----	-----	23.4	28	97	77	Calm	WSW 4	9	9	11.4
20	-----	-----	24.1	29.7	93	69	SW 1	WSW 4	7	4	.5
21	-----	-----	23.4	27	96	84	Calm	NW 1	4	9	2.3
22	-----	-----	23	31.2	97	60	Calm	NW 2	3	5	1
23	-----	-----	21.8	31.3	96	64	Calm	S 1	1	8	.5
24	-----	-----	22.8	31	97	62	Calm	SW 1	6	7	-----
25	-----	-----	23.9	32.1	96	56	Calm	S 1	10	8	-----
26	-----	-----	23.4	30.4	91	61	Calm	SE 2	10	9	-----
27	-----	-----	23.1	30	93	67	Calm	NE 2	9	9	-----
28	-----	-----	22.9	31.3	96	65	Calm	NW 1	9	9	34.8
29	-----	-----	23	25.5	91	80	Calm	W 1	10	10	7.9
30	-----	-----	22	30.4	96	63	Calm	W 2	8	8	-----
31	-----	-----	23.4	30.2	96	73	Calm	SW 1	8	8	32
Mean	-----	-----	23.6	29	95.2	72.3	0.5	2.6	8.3	8.3	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	397.1

ANTIPOLO.

[$\phi = 14°\ 36'$ N; $\lambda = 121°\ 10'$ E.]

SEPTEMBER.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	-----	-----	22.4	27.6	96	80	Calm	NNE 1	9	9	34.8
2	-----	-----	22.8	28.8	97	74	Calm	Calm	9	9	1
3	-----	-----	23.7	27.4	97	81	Calm	SW 3	10	10	35.8
4	-----	-----	23.3	23.8	97	97	SW 3	W 2	10	10	42.2
5	-----	-----	22.6	27	97	84	SW 1	E 1	10	10	1.3
6	-----	-----	23.7	30	93	71	Calm	SE 2	10	9	16
7	-----	-----	23.4	31.4	88	54	E 1	WSW 1	9	8	29.2
8	-----	-----	22.4	23.5	96	95	Calm	W 1	9	10	9.4
9	-----	-----	21.7	30	96	71	Calm	W 1	4	8	2.8
10	-----	-----	22.4	26.2	96	90	Calm	Calm	8	9	7.9
11	-----	-----	23.4	30	91	69	Calm	SE 2	9	10	37.1
12	-----	-----	22.4	27	96	87	Calm	Calm	10	10	1.5
13	-----	-----	22.6	24.4	95	91	Calm	Calm	8	10	25.4
14	-----	-----	21.8	26.8	97	82	Calm	W 1	10	10	42.2
15	-----	-----	22.3	23.4	96	95	Calm	ESE 2	10	10	6.1
16	-----	-----	22.9	26	93	92	Calm	Calm	10	10	39.8
17	-----	-----	22.3	28	97	77	Calm	NW 1	10	9	1.8
18	-----	-----	21.3	29.8	96	69	Calm	W 2	2	6	-----
19	-----	-----	22.9	29	96	74	Calm	WSW 2	10	8	-----
20	-----	-----	23.2	29.3	95	76	Calm	SW 2	2	7	1.3
21	-----	-----	23.3	29.9	96	75	Calm	W 2	4	6	9.1
22	-----	-----	23.4	28.8	96	76	Calm	W 2	8	10	57.7
23	-----	-----	23.6	28	97	77	Calm	W 1	10	10	67.3
24	-----	-----	23.4	24	97	93	SSW 3	SW 4	10	10	47.7
25	-----	-----	23	26.4	96	84	SW 1	S 1	10	10	36.6
26	-----	-----	23.1	23.4	97	91	E 1	Calm	10	10	20.8
27	-----	-----	22.5	27	95	73	Calm	W 1	10	10	31.7
28	-----	-----	22.9	24.7	98	97	Calm	NW 2	10	10	28.4
29	-----	-----	22.3	24.4	97	91	Calm	S 2	10	10	6.4
30	-----	-----	22.1	30.5	97	72	E 1	SE 2	4	7	-----
31	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Mean	-----	-----	22.8	27.2	95.7	81.3	0.4	1.4	8.5	9.2	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	641.3

OCTOBER.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	-----	-----	23	32	95	63	E 1	SE 1	2	3	2.3
2	-----	-----	23.4	29.7	96	75	Calm	SW 2	9	8	20.3
3	-----	-----	22.2	27.6	95	84	Calm	S 1	10	10	4.4
4	-----	-----	22.5	25.2	96	86	Calm	W 1	10	10	2.3
5	-----	-----	22.3	25.9	96	77	NW 1	Calm	10	9	6.7
6	-----	-----	23	26.8	96	80	Calm	SE 2	8	10	.5
7	-----	-----	21.3	29.9	95	71	Calm	SW 2	9	7	3.8
8	-----	-----	21.8	26	96	84	Calm	Calm	10	10	8.1
9	-----	-----	22.3	24.1	97	90	Calm	Calm	10	10	3.8
10	-----	-----	23.6	27.8	96	73	Calm	W 1	10	9	1.5
11	-----	-----	22	29	96	74	Calm	WSW 2	10	9	.8
12	-----	-----	22	29	96	71	Calm	N 3	10	9	-----
13	-----	-----	22.9	30.4	93	65	Calm	NE 2	2	9	1.5
14	-----	-----	22.9	28.2	96	72	Calm	NE 2	9	9	6.9
15	-----	-----	22.3	27.3	96	82	Calm	SW 1	8	10	.8
16	-----	-----	22.9	27	97	84	Calm	NW 1	10	10	44.2
17	-----	-----	22.9	25.4	99	88	Calm	Calm	10	10	5.6
18	-----	-----	23.2	25.7	93	85	Calm	NE 1	9	9	11.7
19	-----	-----	23.4	30.7	91	61	Calm	NE 2	8	8	1
20	-----	-----	24.1	30	91	67	E 1	E 2	8	9	-----
21	-----	-----	23.4	26.3	90	86	Calm	N 1	8	10	28.5
22	-----	-----	22.4	25	96	90	Calm	NE 1	10	10	3.5
23	-----	-----	23.3	28.2	97	74	E 1	NE 1	9	10	3.3
24	-----	-----	23	26.5	97	87	Calm	Calm	9	9	4.8
25	-----	-----	23.4	29.5	91	64	NE 1	E 3	3	5	2.3
26	-----	-----	23	30.3	95	60	E 1	NE 2	9	8	1.8
27	-----	-----	22.2	25.2	94	88	Calm	NE 1	7	9	3.3
28	-----	-----	22.6	30.3	90	62	Calm	NE 2	2	8	.8
29	-----	-----	21.7	30	96	62	Calm	NE 2	2	4	2.5
30	-----	-----	22.2	26.5	96	84	Calm	N 1	9	9	12.7
31	-----	-----	22.4	26.3	96	85	Calm	Calm	10	10	12
Mean	-----	-----	22.7	27.8	95	76 6	0.2	1.3	8.1	8.7	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	201.7

NOVEMBER.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	-----	-----	22.7	29.1	97	70	Calm	NE 2	9	9	2.3
2	-----	-----	22.4	29.4	96	58	Calm	NE 2	9	3	3.8
3	-----	-----	22.6	30.7	96	65	Calm	NE 2	8	4	-----
4	-----	-----	22.7	31.3	94	61	Calm	NE 2	6	3	-----
5	-----	-----	21.8	30.5	91	63	Calm	Calm	8	7	-----
6	-----	-----	21.6	30	96	65	Calm	SW 1	4	3	-----
7	-----	-----	21.9	30.5	96	65	Calm	SW 2	3	7	-----
8	-----	-----	22.5	30.3	97	62	Calm	SW 1	8	3	-----
9	-----	-----	22	29.5	96	64	Calm	SW 1	9	7	13.5
10	-----	-----	22.8	28.7	97	69	Calm	NE 3	10	10	1.3
11	-----	-----	22	28.5	87	66	NE 3	NE 2	8	9	-----
12	-----	-----	21.8	27.5	93	70	Calm	NE 2	9	9	-----
13	-----	-----	22.2	29	91	59	Calm	NE 4	8	7	-----
14	-----	-----	19.8	27.3	94	70	Calm	NE 2	1	9	2.8
15	-----	-----	22.2	27	96	77	Calm	NNE 2	8	9	-----
16	-----	-----	21	28.6	95	69	Calm	NW 1	10	9	7.1
17	-----	-----	22.9	30	96	67	Calm	SW 2	8	8	-----
18	-----	-----	22.5	27.4	97	84	Calm	SE 2	10	10	17.3
19	-----	-----	22.8	25.7	95	81	Calm	SW 1	9	9	8.9
20	-----	-----	22.5	28.4	96	70	Calm	SE 1	10	10	-----
21	-----	-----	22.5	30	96	64	Calm	NE 2	10	10	22.4
22	-----	-----	21.7	26	97	88	Calm	NW 1	10	10	28.7
23	-----	-----	21.8	28	97	74	Calm	SE 1	10	9	3.3
24	-----	-----	23	27.5	91	81	Calm	SW 1	9	6	2.8
25	-----	-----	22.5	27.5	95	81	Calm	N 1	8	9	2.3
26	-----	-----	22.2	29.1	94	74	Calm	SE 2	7	7	-----
27	-----	-----	20.6	29.5	95	64	Calm	NNW 2	6	8	4.3
28	-----	-----	21.7	28.5	97	78	Calm	NW 1	3	8	7.1
29	-----	-----	21	28	99	70	Calm	S 2	9	10	-----
30	-----	-----	20.5	27	82	56	NE 2	E 3	10	7	-----
31	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Mean	-----	-----	22	28.7	94.6	69.5	0.2	1.7	7.9	7.6	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	127.9

DECEMBER.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	-----	-----	16.4	29	90	53	NE 1	NNE 2	4	7	-----
2	-----	-----	20.4	28.2	91	62	Calm	NE 2	10	9	-----
3	-----	-----	22	27.8	91	67	Calm	NE 1	10	9	0.8
4	-----	-----	21.8	30	96	62	Calm	NE 1	4	8	-----
5	-----	-----	21.4	29.4	87	58	Calm	NE 3	10	3	.8
6	-----	-----	21	30.3	95	58	Calm	NE 2	2	4	-----
7	-----	-----	20	28	94	73	Calm	NE 2	3	4	-----
8	-----	-----	21.4	28	95	77	Calm	NE 1	9	10	12.7
9	-----	-----	20.8	29.5	96	61	Calm	E 3	8	7	-----
10	-----	-----	21.3	25	93	92	Calm	Calm	7	9	6.4
11	-----	-----	21.7	28.9	96	71	Calm	NE 3	4	9	-----
12	-----	-----	20.7	29.5	95	61	Calm	NE 3	8	3	-----
13	-----	-----	21.1	29.4	92	58	Calm	NE 2	9	8	-----
14	-----	-----	22.5	29.5	90	68	Calm	NE 2	8	9	-----
15	-----	-----	21.5	27.5	91	72	Calm	NE 2	8	10	12.7
16	-----	-----	22.2	30.4	96	64	Calm	NE 2	10	8	6.4
17	-----	-----	22.3	26.5	96	86	Calm	Calm	9	9	-----
18	-----	-----	23.3	28.3	85	71	NE 1	ESE 2	8	9	1
19	-----	-----	22.4	30	96	68	Calm	ESE 2	8	7	-----
20	-----	-----	20.8	30.3	82	51	NE 1	NE 3	3	4	-----
21	-----	-----	21.4	29.9	91	61	Calm	NE 2	10	4	.5
22	-----	-----	21.9	29.5	96	58	Calm	NE 3	9	3	-----
23	-----	-----	20.6	28	96	70	Calm	Calm	8	9	7.9
24	-----	-----	21.6	26	97	84	Calm	NE 1	9	9	.8
25	-----	-----	20.8	29	90	58	NE 1	NE 2	9	7	-----
26	-----	-----	21.2	27	95	75	Calm	NE 3	9	9	8.4
27	-----	-----	21.2	24.2	95	90	Calm	SW 1	10	10	6.6
28	-----	-----	22.2	26.1	85	70	NE 3	NE 4	10	9	-----
29	-----	-----	22.5	25	87	72	NE 2	NE 2	8	10	15.7
30	-----	-----	20.8	24.3	97	91	Calm	N 1	10	10	6.9
31	-----	-----	22	29.5	94	61	E 1	SE 2	9	8	-----
Mean	-----	-----	21.3	28.2	92.6	68.5	0.3	1.9	7.7	7.4	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	87.6

IBA.

[ϕ=15° 20′ N; λ=119° 58′ E; barometer above sea, 4.8 meters; gravity correction not applied, —1.69 mm.]

JANUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p.m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	57.73	56.15	23	29.3	86	71	Calm	NW 1	6	9	------
2	55.83	54.46	23	29.8	92	70	Calm	Calm	10	10	2.5
3	55.29	54.23	24.2	29	87	74	Calm	WNW 1	10	9	1.1
4	57.27	56.94	25.1	33.4	81	52	SE 1	ESE 2	4	4	------
5	59.12	58.40	22.5	27.5	93	84	Calm	Calm	3	7	7.7
6	59.14	58.71	20.7	30.1	95	64	Calm	Calm	2	6	------
7	59.53	58.60	20.3	29.4	97	71	Calm	WSW 1	1	3	------
8	60.36	60.02	22.8	30.3	90	64	Calm	W 1	4	3	3.3
9	62.12	60.41	20.6	29.8	97	71	Calm	NNW 1	3	2	------
10	62.07	60.95	20.2	30	93	71	Calm	WNW 1	4	3	------
11	61.71	60.61	21.4	29.8	90	63	Calm	NNW 1	3	7	------
12	61.28	59.82	21.9	30.4	81	64	Calm	WNW 1	2	4	------
13	60.39	59.56	21.8	30.3	97	74	Calm	WNW 1	5	4	------
14	59.72	58.22	20.5	29.6	95	66	Calm	NNW 1	10	9	------
15	57.54	56.39	20.3	28.4	95	63	Calm	N 3	10	9	------
16	57.64	57.52	20.4	26.6	96	65	Calm	Calm	7	9	------
17	59.05	58.32	20.6	28.4	60	46	ESE 3	W 1	2	4	------
18	60.07	59.17	20.7	30.3	57	37	SE 3	Calm	3	5	------
19	60.65	59.91	18.3	28.8	77	47	Calm	NW 1	4	4	------
20	60.59	59	21.1	28.3	67	50	SE 1	NW 1	7	6	------
21	59.43	58.67	20.2	27.7	69	50	ENE 1	W 1	10	9	------
22	59.07	58.60?	19.8	29.8	89	51	Calm	NW 1	7	4	------
23	58.74	57.69	18.7	27.6	97	69	Calm	NNW 2	2	10	------
24	59.03	57.69	22.3	29.5	95	68	Calm	NNW 1	10	7	------
25	60.21	59.52	19.8	29	90	64	Calm	NNW 1	4	7	------
26	59.74	58.72	21.1	29.9	84	59	Calm	NNW 1	3	7	------
27	59.16	57.18	22.6	29	95	74	Calm	NW 1	7	8	------
28	58.29	57.06	23.3	28	85	75	Calm	NNW 1	8	10	------
29	57.45	56.77	22.8	28.7	83	67	Calm	NW 1	2	10	1.3
30	58.30	56.84	22	28.3	92	55	Calm	Calm	10	10	------
31	57.32	56.90	23.1	25.1	81	79	Calm	Calm	10	10	.3
Mean	59.16	58.10	21.5	29.1	86.6	63.8	0.3	0.9	5.6	6.7	------
Total	------	------	------	------	------	------	------	------	------	------	16.2

FEBRUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p.m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	56.95	56.19	19.5	29.5	97	66	Calm	NW 2	3	9	------
2	57	56.84	23.9	26.2	86	82	Calm	Calm	8	10	0.8
3	57.24	56.69	22.5	28.5	96	73	Calm	NW 1	8	8	6.4
4	57.40	56.84	23.5	27.1	98	79	Calm	Calm	10	10	5.8
5	57.96	57.50	19.4	28.3	98	68	Calm	WNW 1	5	1	------
6	59.22	57.77	16.4	27.5	94	66	Calm	W 1	1	1	------
7	57.60	56.92	17.6	28	98	65	Calm	NW 1	3	2	------
8	57.52	57.18	14.1	27.5	93	60	Calm	NNW 1	0	1	------
9	59.58	58.62	14.3	28.5	97	58	Calm	NNW 1	0	1	------
10	60.44	59.83	18	29	96	67	Calm	NNW 1	1	4	------
11	60.94	59.96	18	27.8	95	74	Calm	NW 1	3	6	------
12	60.42	59.20	22.3	32	88	48	Calm	SSE 2	3	7	11.2
13	60.93	59.53	20.1	28.5	96	74	Calm	NNW 2	3	4	.3
14	61.84	60.05	22	27.5	96	73	Calm	WNW 2	6	8	------
15	60.16	59.30	19.9	29.1	97	66	Calm	NNW 1	1	4	------
16	60.21	59.27	22.1	27.5	95	77	Calm	Calm	4	10	------
17	59.92	58.23	23.1	29	94	66	Calm	WNW 1	4	7	------
18	58.84	57.25	21.7	28.8	96	74	Calm	NNW 1	5	6	------
19	57.54	56.78	21.6	27.5	97	81	Calm	NNW 1	5	10	1.5
20	57.03	56.06	23.1	30	93	64	Calm	NNW 1	8	9	------
21	57.12	56.40	23.6	28.6	86	64	Calm	NW 1	9	9	------
22	57.32	56.28	24.1	29.8	81	69	Calm	NW 1	8	9	------
23	57.40	56.30	21.6	32	95	50	Calm	NNW 1	3	4	1.8
24	57.67	56.83	21	30	95	68	Calm	W 1	3	8	------
25	58.43	57.47	21.1	30	96	65	Calm	NW 1	2	5	------
26	58.66	57.52	22.3	28.5	96	68	Calm	Calm	4	8	------
27	58.03	57.10	22.4	29.5	96	67	Calm	W 1	7	5	------
28	58.55	57.33	21.3	30.2	91	64	Calm	NNW 2	4	4	------
29	59.12	57.59	20.1	32.5	97	49	Calm	NNW 3	2	3	------
Mean	58.66	57.68	20.7	29	94.2	67.1	0	1.1	4.2	6	------
Total	------	------	------	------	------	------	------	------	------	------	27.8

MARCH.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p.m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	59.74	58.41	19.6	31	93	61	Calm	NW 1	3	7	------
2	59.36	58.12	22.3	30	72	55	SE 1	NNW 1	4	3	------
3	59.28	58.42	22.4	30.5	74	50	Calm	Calm	3	5	------
4	60.89	59.57	21.1	31.8	93	59	Calm	NNW 1	5	6	------
5	60.05	58.64	21	31.9	94	61	Calm	NW 1	6	6	------
6	58.95	57.70	24.5	30.7	71	58	EbyS 1	W 1	9	3	------
7	58	57.07	21.1	30.5	95	65	Calm	NNW 1	3	3	------
8	58.22	57.50	22.1	31.7	93	59	Calm	NW 2	1	1	------
9	59.66	58.10	20.8	30.8	95	60	Calm	NNW 1	6	1	------
10	58.96	57.83	20.5	30.3	94	66	Calm	WNW 1	3	2	------
11	58.78	57.42	19.9	31.2	96	62	Calm	W 1	4	3	------
12	59.26	58.16	19.3	30	94	67	Calm	NW 2	3	3	------
13	59.96	59.11	21	31	94	59	Calm	WbyS 1	2	4	------
14	59.35	57.76	21.7	30.9	96	69	Calm	NW 1	5	3	3.3
15	58.60	57.06	23.1	30.3	95	70	Calm	WNW 2	4	5	------
16	58.62	57.80	22.9	30.8	90	68	Calm	W 1	2	4	------
17	59.77	58.29	20.5	31.1	94	59	Calm	NW 1	5	5	------
18	59.82	58.08	21.8	30.8	92	59	Calm	NNW 1	3	4	6.4
19	59.07	58.01	25	30.8	70	60	SSE 2	WNW 1	6	4	------
20	58.96	58.17	21.2	30.3	95	65	Calm	NW 1	2	2	------
21	59.37	58.51	22.5	31.5	94	61	Calm	NW 1	3	3	------
22	60.18	58.80	22.5	31.9	96	65	Calm	NNW 2	7	6	------
23	60.67	59.81	21.3	30.5	91	67	Calm	WNW 2	3	3	------
24	61.42	60.77	21.7	30.4	90	66	Calm	N 1	4	9	1.5
25	61.33	59.75	24	31	72	53	ESE 1	NW 1	7	2	------
26	61.25	59.92	24.1	30.8	71	59	Calm	NW 1	4	3	------
27	61.16	59.87	21	31.3	95	58	Calm	NNW 1	1	5	------
28	61.02	59.17	20.9	31.2	90	62	Calm	NNW 2	1	3	------
29	59.46	57.51	22.3	31.3	94	64	Calm	NW 1	4	3	------
30	58.92	57.47	24.3	31.2	70	58	SE 1	NNW 1	1	1	------
31	58.50	57.02	26.8	31.7	94	53	Calm	NW 1	1	3	------
Mean	59.65	58.38	21.8	30.9	88.6	61.2	0.2	1.2	3.7	3.7	------
Total	------	------	------	------	------	------	------	------	------	------	11.2

APRIL.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p.m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	57.32	56.35	21.3	31	94	59	Calm	WbyS 2	3	4	------
2	57.37	57.32	22.7	30.8	93	65	Calm	WSW 1	3	4	------
3	59.53	59.14	22.8	32.3	93	61	Calm	WSW 1	1	2	------
4	60.32	59.21	21.6	31.5	75	61	Calm	WNW 1	4	2	------
5	60.26	59.70	25.3	31.5	81	54	SE 2	NbyE 1	10	10	4.3
6	60.91	59.99	23.8	30.9	81	57	Calm	NNW 1	9	4	------
7	62.07	60.87	21.7	31.6	94	62	Calm	W 1	4	5	1.8
8	61.70	59.45	25.1	32.8	71	54	Calm	NNW 1	3	4	------
9	60.76	59.21	21.7	32	93	56	Calm	NW 2	3	3	------
10	60.50	59.49	21.8	31.1	95	64	Calm	NW 1	2	5	------
11	60.52	58.71	24.6	32.5	77	59	Calm	NW 1	2	5	------
12	60.41	58.99	24.8	33	73	58	Calm	W 2	2	4	------
13	60.53	59.12	25.5	30.2	71	65	Calm	W 1	4	5	------
14	59.68	59.06	24.6	33	75	47	Calm	NW 2	1	3	------
15	58.92	57.62	24.9	31.5	83	64	SE 1	NW 1	5	5	------
16	58.68	57.17	23.5	31.5	88	63	Calm	Calm	5	7	1.5
17	57.68	56.86	22.4	31.5	96	65	Calm	WbyS 2	8	6	.8
18	55.81	55.34	23.1	32.2	94	64	Calm	NW 2	5	4	------
19	56.11	55.99	21.1	31	89	61	Calm	WSW 1	1	1	------
20	56.82	55.86	20.1	31	94	58	Calm	NNW 1	1	1	------
21	56.54	55.98	20.1	31	94	61	Calm	NNW 1	1	2	------
22	56.83	56	21	31.5	92	59	Calm	NW 1	3	1	------
23	56.26	55.25	23.3	32	92	57	Calm	SW 1	4	3	------
24	56.42	55.42	22.8	30.9	95	65	Calm	Calm	1	5	------
25	57.16	55.92	24	32	88	60	Calm	SW 1	4	5	------
26	58.45	58	25.7	32	85	60	Calm	Calm	3	8	------
27	58.31	57.39	23	31.6	91	65	Calm	WNW 1	1	5	------
28	58.63	57.42	22.5	32.8	94	60	Calm	NNW 2	1	3	------
29	58.06	57.27	23.1	33.2	92	59	Calm	W 2	1	6	------
30	58.48	58.22	22.8	28.8	93	72	Calm	Calm	1	9	1
Mean	58.70	57.78	23	31.6	87.5	60.5	0.1	1.1	3.4	4.4	------
Total	------	------	------	------	------	------	------	------	------	------	9.4

IBA.

[$\phi = 15°\ 20'$ N; $\lambda = 119°\ 58'$ E; barometer above sea, 4.8 meters; gravity correction not applied, —1.69 mm.]

MAY.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	58.70	57.70	23.1	33	90	54	Calm	NW 1	1	4	------
2	57.88	56.47	22.6	34	95	53	Calm	W 1	2	4	------
3	57.57	56.26	24.6	33.5	78	53	Calm	NNW 2	9	6	------
4	56.82	56.77	25.5	32.5	74	60	Calm	WNW 2	9	8	------
5	57.07	56.51	24.1	33	76	52	Calm	NW 1	1	1	------
6	57.64	56.76	21.5	32.5	87	62	Calm	NNW 1	4	7	2.5
7	56.94	56.70	22.7	32.8	93	55	Calm	NW 2	5	8	6.1
8	58.34	56.83	24	34.5	91	54	Calm	NW 2	6	4	------
9	58.55	57.96	25.6	33.7	71	49	Calm	NNW 2	1	4	------
10	58.36	56.91	24.1	33	80	50	Calm	ESE 1	1	9	------
11	57.22	55.78	26.5	33.3	71	59	SE 1	SSW 2	8	6	9.9
12	57.71	56.41	26.5	32	80	58	SE 1	SSW 2	10	7	------
13	57.34	57.37	25	26	81	91	SE 1	Calm	10	10	53.4
14	56.93	55.62	23.3	29.8	96	66	Calm	Calm	10	9	1
15	56.42	55.55	23.9	31.3	93	61	Calm	SW 1	8	7	------
16	57.97	58.26	25.4	27.5	82	81	Calm	Calm	4	10	5.8
17	59.21	58.72	23.5	30	96	67	Calm	Calm	7	7	.3
18	58.78	57.46	24	32.1	85	60	Calm	WSW 1	1	3	------
19	57.87	56.69	24.8	31.5	89	65	Calm	SSW 1	2	1	8.9
20	57.93	57.09	24.7	30.5	95	69	Calm	SW 1	5	3	------
21	57.42	56.89	25.5	30	90	73	Calm	Calm	7	8	------
22	57.19	56.72	23.5	30.2	96	71	Calm	Calm	7	9	19.3
23	57.62	56.52	22.9	31.8	92	55	Calm	W 1	5	2	------
24	57.59	56.96	23.1	31.8	90	60	Calm	NW 1	2	6	------
25	58	57.04	23.6	32	93	69	Calm	NW 1	1	7	------
26	57.45	56.22	24	32.6	89	66	Calm	NW 1	1	3	------
27	56.11	54.35	25.1	33.5	89	58	Calm	NNW 1	3	4	------
28	55.73	54.68	26.3	32	79	64	Calm	SSW 3	5	3	13.5
29	56.20	55.17	24.6	29.7	95	72	Calm	SSW 3	8	9	11.4
30	58.41	56.97	24.1	29.7	96	67	Calm	Calm	10	8	.3
31	57.63	57.16	23.6	31.4	91	67	Calm	W 2	5	6	------
Mean	57.57	56.66	24.2	31.7	87.2	62.6	0.1	1.2	5.1	5.9	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	132.4

JUNE.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity 6 a. m.	Relative humidity 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	57.53	57.43	25.2	27.5	93	82	Calm	SE 1	9	10	1
2	56.62	55.77	23.4	28.2	95	77	Calm	Calm	4	9	------
3	56.57	56.24	24	30.6	93	68	Calm	SW 2	8	7	------
4	56.60	56.37	24.6	30.2	87	71	Calm	NW 2	8	10	------
5	56.92	55.85	25.6	29.2	87	75	Calm	SW 2	7	10	4.3
6	56.50	54.82	25.3	31.1	93	70	ESE 2	SSW 2	7	5	------
7	55.66	54.71	24	28.5	95	84	Calm	SSW 2	6	10	4.6
8	55.13	54.31	25	30	95	71	Calm	SSW 3	10	10	------
9	54.80	53.20	25.1	32.2	88	58	SE 1	SSE 3	6	8	16.5
10	55.07	53.87	24.5	30	93	74	SE 2	SSE 2	10	9	9.1
11	54.67	53.51	24.7	30.2	89	69	SE 2	SSW 5	10	10	26.9
12	52.56	53.38	23.8	24.4	91	98	SE 2	SSE 3	5	10	79.5
13	52.09	53.27	24.5	24.2	94	98	SSE 2	S 3	10	10	116.9
14	53.72	55.22	24.7	24.9	97	96	Calm	SSW 2	10	10	67.8
15	54.64	54.14	24.5	28.3	96	85	SE 2	S 2	10	10	54.9
16	54.24	54.05	27.5?	30.2	90?	75	SSW 2	SW 2	10	8	24.6
17	54.92	54.27	25.3	29.6	96	81	SE 1	SSW 2	10	9	61.5
18	56.03	56.25	24.6	29.2	97	79	SE 1	WSW 1	10	10	1.8
19	56.72	56.38	23.8	24.4	88	98	SE 2	Calm	5	10	85.9
20	56.58	55.50	23.5	29.2	96	72	Calm	SSW 2	10	9	41.1
21	56.50	56.19	23	26.8	95	84	SE 1	SSE 3	10	10	70.6
22	56.84	57.69	22.8	24.8	97	90	Calm	SE 1	10	10	27.8
23	56.61?	57.39	23.5	29.8	82	70	SE 3	SW 2	10	10	------
24	58.19	58.70	22	30.5	96	74	Calm	WSW 2	7	9	------
25	59.92	59.40	23.2	29.8	97	71	Calm	WNW 2	6	8	------
26	59.43	58.31	24	31.3	92	68	Calm	WNW 2	5	6	------
27	58.14	57.90	24.3	30.6	95	73	Calm	SSW 2	8	9	------
28	58.46	57.92	23.7	31	97	64	Calm	WSW 2	5	4	------
29	59.17	59	24.2	27.2	97	88	Calm	Calm	6	10	13
30	58.47	56.80	24	31.3	95	64	Calm	W 2	10	9	------
31	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Mean	56.31	55.93	24.3	28.8	93.2	77.6	0.8	2	8.1	9	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	707.3

JULY.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	57.33	56.50	24.2	30.5	93	72	Calm	3 3	3	6	6.9
2	57.98	57.65	23	28.9	95	80	Calm	Calm	5	10	------
3	57.42	57.10	23.6	31	95	68	Calm	NW 1	7	10	------
4	56.51	56.42	25.5	28	81	82	ESE 1	SSW 4	10	10	------
5	57.51	57.73	24.6	29.5	87	72	SE 1	SW 1	7	9	.3
6	59.06	58.55	24.2	26.4	93	83	Calm	ESE 2	10	10	21.7
7	59.02	58.36	24	30.5	95	70	Calm	W 2	9	8	11.2
8	58.38	57.31	23.9	30.4	95	72	Calm	WNW 2	8	5	------
9	57.92	57.26	23.1	31.5	95	68	Calm	SW 2	4	5	2.5
10	58.29	58.21	23.9	31.3	95	70	Calm	WNW 2	7	7	22.1
11	58.12	58.19	23.5	29.4	93	74	Calm	Calm	7	6	.5
12	58.60	57.77	23.9	32.1	95	67	Calm	WNW 2	9	7	------
13	58.75	58.81	23.5	25.6	92	88	Calm	Calm	4	10	7.6
14	58.29	57.60	24.4	31.4	88	66	ESE 2	SW 2	9	8	39.4
15	57.72	57.87	24	30.7	91	69	Calm	WSW 2	10	10	.1
16	58.21	56.81	23.8	31.9	96	67	Calm	NW 2	7	6	10.3
17	57.01	56.28	23.9	30.5	96	70	Calm	Calm	10	10	.5
18	56.69	56.87	25.4	30.9	84	71	Calm	SW 1	8	10	.5
19	57.12	56.34	23.6	31.4	91	71	Calm	WNW 2	9	8	43.2
20	57.54	55.88	23	29.2	95	76	SE 1	NNW 2	10	7	3
21	57.33	56.32	23.5	30	94	74	Calm	NNW 2	9	9	8.4
22	55.98	55.22	24	31.5	95	74	Calm	SW 2	6	8	1.5
23	55.69	54.43	24.8	29.3	92	76	Calm	SSW 2	9	9	5.8
24	55.69	55.63	23.9	29.7	96	71	ESE 2	SSW 2	10	10	7.1
25	56.63	56.73	24.3	28.1	96	80	Calm	W 2	10	10	.8
26	56.42	55.97	23.6	28.7	93	78	Calm	WSW 1	10	10	17
27	55.58	55.40	23.9	30.6	97	70	Calm	SW 2	10	9	4.1
28	56.06	55.49	25	30.5	95	70	Calm	SSW 2	9	8	19.2
29	55.63	55.68	24	28.9	95	80	Calm	Calm	6	9	------
30	56.42	55.62	23.8	30.2	93	71	ESE 1	SSW 3	8	7	------
31	56.63	55.77	24	31.4	94	71	SE 1	SW 2	6	4	6.1
Mean	57.28	56.77	24	30	93.1	73.3	0.3	1.7	7.9	8.2	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	239.8

AUGUST.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	57.31	57.05	24.5	30.3	96	76	Calm	S 1	9	8	1.8
2	57.81	57.20	24.7	30.5	95	72	ESE 1	SW 2	10	10	6.1
3	58.41	56.73	25	29.7	95	76	Calm	Calm	10	10	8.3
4	58.95	58.22	24.5	30.2	95	73	Calm	SSW 2	10	9	32.5
5	57.85	57.41	23.9	26.5	96	89	SSE 1	Calm	10	10	64.2
6	58.28	56.92	23.5	28	97	80	Calm	S 2	10	10	64.3
7	58.28	57.81	22.5	30.5	97	67	ESE 2	SSW 2	10	9	5.8
8	58.09	57.54	25.3	31.1	96	66	Calm	SSW 2	10	9	40.9
9	56.66	55.78	25.5	29.4	95	76	WSW 2	SW 3	10	10	31.2
10	54.42	54.26	28.4?	28.8	82?	78	SW 3	WSW 3	10	10	31.5
11	53.37	53.02	26.2	29	92	79	SSW 3	SW 4	10	10	20.6
12	53.35	53.61	27.7	29.5	88	87	SSW 2	SSW 2	10	10	17
13	53.88	54.42	26.5	27.9	90	91	SW 2	SW 3	10	10	111.7
14	56.67	57.02	24.3	27.2	97	86	SE 2	Calm	10	10	80.8
15	58.72	58.21	24	29.4	96	79	Calm	SSW 2	10	10	33.8
16	58.65	57.72	24.2	30	97	73	Calm	SSW 1	10	10	44.2
17	57.73	57.27	23.8	25.4	97	94	Calm	Calm	10	10	55.4
18	57.09	55.98	25	27.2	96	88	Calm	SW 3	10	10	59.2
19	57.13	56.76	24.2	29.7	95	77	Calm	SW 2	10	10	29
20	57.25	57.47	23.7	29.1	95	80	Calm	E 1	10	10	6.8
21	58.13	58.13	24	30.2	87	77	SE 1	SSW 2	10	10	.8
22	59.39	58.41	23.5	31.6	90	66	SE 1	W 2	10	7	.5
23	58.68	57.10	23.5	30.5	94	70	Calm	NW 2	7	9	1.3
24	57.12	56.67	23.5	31	96	68	Calm	SSW 1	9	8	------
25	57.14	57.46	23.8	30.5	95	68	Calm	WSW 1	10	10	------
26	58.38	58.03	23.3	31.9	96	65	Calm	NW 2	10	10	15
27	58.47	57.03	22.5	31.7	96	69	Calm	NNW 2	10	8	------
28	57.77	57.19	23	31	95	72	Calm	WNW 2	9	9	------
29	57.16	57.20	23	30.4	95	69	Calm	WSW 1	9	10	10.9
30	57.64	57.37	23.9	29.9	96	67	Calm	SSW 4	10	9	------
31	59.08	58.30	22.5	31.4	96	65	Calm	SW 1	10	5	2.3
Mean	57.38	56.88	24.3	29.7	94.3	75.6	0.6	1.8	9.8	9.4	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	775.4

IBA.

[ϕ=15° 20′ N; λ=119° 58′ E; barometer above sea, 4.8 meters; gravity correction not applied, —1.69 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	59.26	58.10	22.9	27.8	95	86	Calm	NNE 1	8	10	2.6
2	57.99	56.42	23.2	31.5	96	69	Calm	NW 2	10	9	21.8
3	55.82	54.58	24	31.1	97	76	Calm	WSW 1	10	10	48.1
4	53.78	53.45	23.3	25	96	96	E 2	SW 3	10	10	115.6
5	55.24	55.34	23.3	27	96	83	E 1	S 4	10	10	109
6	56.21	55.82	23.6	30.2	91	70	SE 3	S 2	10	10	------
7	57.05	56.92	24.6	30.3	84	70	SE 3	WSW 2	10	10	1.3
8	57.54	57.42	21.9	31.3	96	65	Calm	NNW 2	10	10	1
9	57.54	56.17	22.5	30.8	96	70	Calm	W 1	7	8	.2
10	57.54	56.55	23	27.5	95	84	Calm	NNE 2	10	10	3.6
11	57.57	56.47	23.4	30.5	96	75	Calm	NW 1	10	10	6.9
12	59.12	58.80	23.7	28.4	94	68	SE 1	S 2	10	10	------
13	58.08	57.21	23.1	30.8	96	64	Calm	W 1	8	8	2.5
14	56.99	55.38	23.9	27.1	96	88	Calm	ESE 1	10	10	4.4
15	54.79	55.64	24	25.5	98	93	Calm	S 3	10	10	11.9
16	56.68	56.17	23.1	29.5	95	72	Calm	SSW 2	10	10	7.9
17	56.80	56.51	23.4	29.4	96	72	SE 1	SSW 1	10	10	22
18	56.24	55.67	22.3	30.8	96	67	Calm	WSW 1	10	8	------
19	55.90	55.62	23	30.9	95	71	Calm	S 1	10	10	------
20	56.98	56.43	23.5	30.9	96	69	ESE 1	WSW 1	6	8	------
21	56.04	55.42	23.1	30	95	73	Calm	WNW 2	7	9	1.5
22	55.07	53.46	24.6	26.5	97	93	Calm	NNE 1	10	10	26.1
23	53.62	51.91	24.3	28	97	86	Calm	WSW 2	10	10	29.8
24	51.17	50.52	23.5	26.7	96	90	ESE 1	SSW 2	10	10	118.6
25	50.90	52.51	25.2	25.7	95	94	SW 4	SW 1	10	10	53
26	53.49	53.87	23.8	27.6	95	86	ESE 2	S 4	10	10	66.8
27	56.32	56.28	25.4	25.5	96	91	S 4	SSW 2	10	10	38.4
28	56.09	56.10	24	23.8	97	97	SE 1	Calm	10	10	109.7
29	55.91	55.09	22.5	27.1	98	81	Calm	SSW 1	10	10	6.1
30	55.59	55.33	23.5	31.2	94	68	SE 1	SSW 3	10	9	------
31											
Mean	53.04	55.52	23.5	28.6	95.2	78.9	0.8	1.7	9.5	9.6	------
Total											898.3

OCTOBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	57.78	57.33	23.2	31	93	68	Calm	SW 2	9	6	------
2	58.41	57.43	22.8	30.4	97	73	Calm	NW 3	8	10	3.3
3	57.90	57.42	22.8	24.4	97	91	Calm	ENE 2	10	10	17.4
4	58.20	57.37	23.7	28.1	96	79	Calm	SSW 2	10	10	.9
5	58.14	57.43	24	28.8	97	76	Calm	SSW 1	10	10	2.3
6	57.24	56.33	23.9	25.2	91	90	SE 2	SSW 5	10	10	11.2
7	56.71	56.45	23	29.7	90	68	SE 2	WSW 2	7	9	.5
8	57.59	56.96	22.9	30.8	96	72	Calm	NW 1	10	10	3
9	58.33	57.77	24.3	27	96	87	Calm	Calm	10	10	11.8
10	59.46	58.20	23.3	28.7	96	73	Calm	WNW 1	10	10	25.6
11	58.56	57.21	22.2	30.8	96	67	Calm	NW 2	10	10	------
12	57.98	56.92	22.7	31	97	63	Calm	NNW 2	10	8	------
13	58.16	57.08	23	31	95	71	Calm	NNW 2	10	9	3
14	57.99	56.72	24.5	31.5	84	64	ESE 2	WNW 2	10	10	------
15	56.47	56.29	24.5	28.4	82	82	Calm	Calm	10	10	17.3
16	56.52	55.39	23.3	26.3	96	91	Calm	NNE 2	10	10	5.1
17	56.29	55.91	24.2	24.4	96	95	Calm	Calm	10	10	80.1
18	57.41	56.44	23.5	28.9	96	80	ESE 2	SSW 3	10	10	.2
19	56.54	55.31	24.3	31.9	89	65	S 1	SSW 3	10	10	------
20	56.45	55.08	24.3	34	89	53	ENE 2	SE 4	10	7	------
21	57.62	57.51	26.1	31.2	74	63	SE 3	SSW 2	10	10	4.3
22	57.52	56.87	25.4	28.1	79	82	SSE 4	Calm	10	10	.3
23	57.74	56.63	23.5	29.3	92	72	Calm	NW 1	10	10	1
24	58.88	57.25	24.3	31.8	94	72	Calm	NW 2	10	8	------
25	58.24	57.16	25	32.7	87	59	E 1	NNW 2	10	7	------
26	59.85	58.04	25.4	32	80	61	SE 2	ESE 2	8	8	------
27	59.53	57.97	23.5	29.5	84	68	Calm	NW 1	10	9	------
28	57.76	56.72	21.6	32	95	68	Calm	NW 2	7	7	------
29	58.47	57.82	23.5	31.6	87	60	ESE 2	WNW 2	10	4	.8
30	59.48	58.06	21.9	29.7	96	75	Calm	NW 2	10	8	------
31	57.51	56.10	23.2	30.7	88	71	Calm	WNW 2	9	10	5.3
Mean	57.88	56.94	23.7	29.7	91.1	72.7	0.7	1.8	9.6	9	------
Total											193.9

NOVEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	56.10	55	24.1	30	87	77	Calm	NW 1	10	10	2.5
2	56.28	55.05	24	31.5	89	63	Calm	NW 2	10	9	------
3	57.49	56.45	24.6	33	77	53	SE 3	NNW 1	10	3	------
4	58.06	56.26	21.7	31.6	96	60	ENE 1	W 2	10	4	.1
5	57.66	55.61	22.5	31.4	96	63	Calm	NW 2	10	7	------
6	57.09	55.88	22.1	31.1	96	70	Calm	NW 3	10	7	------
7	56.96	55.60	22	31	96	63	Calm	NW 3	10	6	------
8	56.73	56.67	20.2	30.6	96	64	Calm	WNW 2	10	10	------
9	57.91	57.37	21.1	30.6	95	68	Calm	NW 2	10	10	14.5
10	58.52	57.53	24	29.5	93	70	Calm	NW 2	10	10	.3
11	58.01	57.35	23	32.3	82	54	ESE 3	NW 2	10	8	------
12	58.91	58.02	20.3	31.8	93	53	Calm	NW 3	10	7	------
13	59.71	58.75	20	30	94	57	Calm	NW 2	10	6	------
14	59.49	57.71	21.9	31	75	56	ESE 2	NW 3	10	2	------
15	57.69	55.85	20.2	32.5	94	55	Calm	WNW 2	6	9	------
16	56.49	53.91	21.1	30.6	95	64	Calm	N 2	10	8	------
17	56.26	54.98	21.8	30.8	96	67	Calm	NNW 2	10	7	------
18	57.93	56.50	21.8	28.9	96	81	Calm	NW 1	10	10	7.1
19	57.82	56.87	23	29.4	95	79	Calm	NW 2	10	10	1.8
20	57.17	56.62	24	29.6	90	78	SE 1	N 2	10	10	4.8
21	57.72	57.67	22.5	24.8	96	98	Calm	N 1	10	10	11.4
22	58.34	57.43	21.9	29.5	96	69	Calm	NW 2	10	10	28.4
23	57.59	56.94	23.8	29.5	90	72	ESE 2	Calm	10	10	------
24	58.24	56.96	21.8	30.2	96	69	Calm	SW 1	10	10	------
25	57.73	55.98	22.4	30.4	95	70	Calm	NNW 2	10	9	.3
26	56.28	55	22	29.7	96	76	Calm	NNW 2	7	10	------
27	56.23	54.78	20.7	30.4	95	69	Calm	WNW 3	10	7	------
28	56.08	54.61	21.8	31.1	96	66	Calm	NNW 2	10	9	------
29	56.43	55.38	23.4	29.7	88	60	Calm	NNW 3	10	6	------
30	58.23	57.08	22.3	28.4	64	52	ESE 4	SE 2	10	10	------
31											
Mean	57.50	56.33	22.2	30.4	91.4	66.4	0.5	2	9.8	8.1	------
Total											71.7

DECEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	58.46	56.56	16.7	29.1	90	55	Calm	NW 3	8	4	------
2	57.58	56.04	17.8	29.7	96	56	Calm	NW 3	10	10	------
3	57.44	57.22	20.9	25.6	96	83	Calm	Calm	10	10	2.1
4	58.29	56.85	21.5	30.3	95	66	Calm	NW 1	10	8	------
5	57.48	55.80	21.3	30.8	95	70	E 1	NW 3	10	4	------
6	57.16	56.03	21	31.1	95	66	E 1	NW 3	10	3	------
7	57.06	56.18	20	31.3	96	64	Calm	NNW 3	10	4	------
8	57.26	55.73	21	29.5	96	75	Calm	NW 1	10	8	.8
9	57.05	56.27	22.5	29	96	83	Calm	NNW 2	10	8	1.5
10	57.70	56.62	21.8	30.7	95	69	ESE 1	WNW 2	8	7	8.4
11	57.66	56.73	21.6	28.5	96	81	Calm	NW 1	10	8	.3
12	57.50	56.18	21.5	30.4	95	69	ENE 1	WNW 2	10	6	------
13	58.07	56.81	21.6	31	89	62	ENE 1	NW 2	9	10	------
14	57.98	56.66	21.2	30.9	95	60	ESE 1	NNW 2	10	9	------
15	57.12	55.82	21.1	31.1	95	66	NE 1	WNW 2	10	10	------
16	56.34	54.68	24	31.7	86	59	NE 1	WNW 2	10	10	------
17	56.24	55.66	22.5	29.9	94	68	Calm	WNW 2	10	10	------
18	56.30	54.37	24.4	31	90	67	Calm	NW 3	10	10	------
19	56.02	54.92	23.1	30.3	95	71	Calm	WNW 2	10	9	------
20	56.64	55.44	22	31.4	95	60	Calm	WNW 2	10	10	------
21	58.29	56.28	21.3	30.7	95	63	Calm	WNW 3	10	7	------
22	57.50	56.35	22.1	28.5	92	73	Calm	WNW 2	10	10	------
23	57.23	56.10	20.4	30.2	94	69	E 1	WNW 3	10	4	------
24	57.15	56.62	21.3	27	95	84	Calm	Calm	8	10	11.7
25	58.46	57.06	21.4	29.9	96	65	ENE 1	NW 2	10	10	------
26	57.88	56.27	21.1	29.7	95	70	ENE 1	NNW 3	10	8	------
27	57.55	56.48	23.5	29	75	69	ESE 2	WNW 2	10	10	------
28	58.23	56.75	24.6	29.2	68	62	ESE 2	NW 2	10	10	------
29	57	56.64	24.4	28	64	69	SE 2	ENE 1	10	10	2.6
30	57.53	56.35	21.8	27.8	93	73	ESE 1	Calm	10	10	.6
31	57.41	55.80	23	30.3	90	67	Calm	NW 2	10	9	------
Mean	57.41	56.17	21.7	29.8	91.5	68.2	0.6	2	9.8	8.3	------
Total											28

SAN FERNANDO, UNION.[a]

[$\phi = 16°\ 37'$ N; $\lambda = 120°\ 19'$ E; barometer above sea, 3 meters; gravity correction not applied, —1.65 mm.]

JANUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	57.40	55.89	22.2	30.6	96	65	Calm	NW 1	6	8	------
2	55.56	54.12	23.8	28.9	93	71	Calm	Calm	10	10	------
3	54.81	54.49	24	28.3	93	77	Calm	NW 1	10	10	------
4	57.18	57.14	23.9	31.6	94	63	Calm	WbyN 1	6	5	8.6
5	58.83	58.23	22.8	29	97	73	Calm	Calm	4	10	------
6	58.84	58.60	21.7	31	97	58	Calm	W 1	3	5	------
7	59.26	58.47	21.4	30	96	67	Calm	WSW 1	4	3	------
8	60.27	59.95	24	30.2	96	70	Calm	WNW 3	6	4	------
9	61.83	60.47	22.5	30.1	96	71	Calm	WNW 2	3	3	------
10	62.04	60.93	21.6	30.2	96	70	Calm	W 1	6	3	------
11	61.54	60.63	22.7	30	92	67	Calm	NW 1	2	7	------
12	61.14	60.11	21.2	29.5	95	69	Calm	WNW 1	7	7	------
13	60.11	59.60	22	29.8	95	69	Calm	W 1	9	8	------
14	59.49	58.27	21.5	30	95	70	Calm	WNW 2	10	10	------
15	57.16	56.44	21.6	27.7	95	72	Calm	N 6	10	10	------
16	57.47	57.64	22.3	27.3	80	59	NE 1	NbyW 6	10	7	------
17	58.98	58.64	19.7	27.8	89	54	Calm	WbyN 1	6	5	------
18	60.21	59.59	17.5	28	87	56	Calm	W 1	6	8	------
19	60.77	59.97	18	28	92	63	Calm	W 1	5	6	------
20	60.13	59.07	17.5	28.3	93	55	Calm	W 1	10	7	------
21	59.27	58.54	19.8	28	92	63	Calm	WNW 2	10	9	------
22	58.58	57.03	17.3	29.2	92	52	Calm	WNW 2	9	5	------
23	58.16	57.58	18.5	28.8	88	69	Calm	NW 3	6	10	------
24	58.48	57.47	24.5	29.5	93	63	NNE 2	NW 2	10	9	------
25	59.77	59.39	20.5	28.7	91	66	Calm	NW 1	10	8	------
26	59.44	58.66	19.8	30.3	92	60	Calm	WNW 1	8	6	------
27	58.88	57.28	22.4	30	91	69	Calm	SW 1	10	9	------
28	58.01	56.89	23	29.5	93	71	Calm	W 1	7	10	------
29	56.96	56.38	23.3	29.8	94	66	Calm	S 1	9	7	------
30	57.63	57.39	24.3	25.7	91	84	NNE 1	NW 1	10	10	12.6
31	57.41	56.68	21.5	25.4	88	77	Calm	SSW 1	10	10	2.4
Mean	58.89	58.11	21.5	29.1	92.3	66.4	0.1	1.5	7.5	7.4	------
Total	------	------	------	------	------	------	------	------	------	------	23.6

FEBRUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	56.84	56.26	20.8	28.7	93	69	Calm	NW 2	4	3	1
2	56.89	56.44	22.7	25.2	96	90	Calm	Calm	10	10	9.9
3	56.51	56.56	22.8	25.3	95	89	Calm	Calm	10	10	2
4	56.60	56.33	23	26.4	96	85	Calm	Calm	10	10	14.8
5	57.13	56.73	19.8	28.7	97	66	Calm	WSW 2	7	2	------
6	58.41	56.94	18.6	28.1	96	70	Calm	W 1	4	2	------
7	56.91	56.25	19	28.5	96	68	Calm	NW 1	8	4	------
8	56.52	56.46	17.4	28.4	94	60	Calm	WNW 1	2	2	------
9	59.19	58.48	17.4	27.8	96	59	Calm	NNW 2	0	2	------
10	60.14	59.39	20.1	28	94	70	Calm	NNW 3	3	2	------
11	60.49	59.82	20.5	28.9	93	70	Calm	W 2	3	8	------
12	60.01	59.50	23.7	28.5	90	74	Calm	Calm	9	10	.8
13	60.49	59.66	22.7	29	94	71	Calm	NW 5	10	4	.3
14	61.34	59.81	22.8	28.6	96	66	Calm	NNW 1	10	4	------
15	59.58	59.22	20	28.5	95	70	Calm	W 1	8	5	------
16	59.72	58.96	21.4	29.1	95	70	Calm	WNW 1	4	5	------
17	59.66	58.32	22	29.4	96	70	Calm	WNW 2	3	10	------
18	58.21	57.07	22.1	30	96	74	Calm	WNW 2	9	8	------
19	57.09	56.39	23.1	28.1	96	80	Calm	WNW 1	10	10	2.9
20	56.74	55.36	23.8	32	95	59	Calm	WSW 1	10	10	2
21	57.08	56.49	22.8	30	93	69	Calm	NW 1	10	10	------
22	57.09	56.03	24.3	31.5	91	59	Calm	W 1	10	10	------
23	56.90	56.09	22.8	31.5	93	57	Calm	WNW 1	6	5	------
24	56.85	56.48	22.8	31.3	89	58	Calm	NW 1	4	8	------
25	57.70	57.21	22.5	30.8	94	71	Calm	WNW 2	4	7	------
26	57.62	56.43	24.1	31.6	91	59	Calm	WSW 1	9	10	------
27	57.40	56.27	22.5	30.8	94	60	Calm	WNW 1	7	7	.8
28	58.03	57.33	22.5	30.8	94	65	Calm	WNW 1	10	2	------
29	59.28	58.03	24	30.2	87	61	Calm	NNW 5	4	3	------
Mean	58.15	57.39	21.8	29.2	94	68.6	0	1.4	6.7	6.3	------
Total	------	------	------	------	------	------	------	------	------	------	34.5

MARCH.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	59.28	58.27	22	30.2	88	58	Calm	NW 2	7	10	------
2	58.85	57.90	21.2	28.8	95	63	Calm	NW 2	10	6	------
3	59.27	57.67	19.9	31	91	50	Calm	SW 1	10	4	------
4	60.82	59.75	23.3	29.2	87	63	Calm	N 4	10	10	------
5	59.90	58.55	21.2	29.8	95	63	Calm	WNW 3	10	9	------
6	58.59	57.38	22.5	29.8	91	66	Calm	NW 2	7	7	------
7	57.66	56.83	21.8	31	89	59	Calm	NW 1	2	3	------
8	57.96	57.71	21.3	31	93	65	Calm	NW 1	3	2	------
9	59.04	57.83	20.4	31.8	92	62	Calm	WNW 3	7	3	------
10	58.41	57.19	21.2	31.1	94	55	Calm	WNW 1	6	6	------
11	58.29	57.08	21.3	30	94	62	Calm	W 1	5	10	------
12	58.93	57.99	21	30.5	91	65	Calm	W 2	5	5	------
13	59.96	58.83	21.9	31.5	90	60	Calm	NW 2	6	3	------
14	59.22	57.47	22.6	31.5	91	63	Calm	NNW 2	4	3	------
15	58.34	56.72	25.5	30.9	89	66	Calm	W 1	10	6	------
16	58.28	57.71	23.5	31.8	92	61	Calm	WNW 2	10	8	------
17	59.22	58.36	23	31.5	90	60	Calm	NW 2	10	7	------
18	59.22	57.92	23	31.2	88	66	Calm	NW 2	7	7	22.1
19	58.72	57.48	24	31.5	93	62	Calm	NW 2	10	3	.3
20	58.71	58.01	24.3	30.3	93	70	Calm	WNW 2	10	3	------
21	58.93	58.35	23.2	31.3	94	61	Calm	WNW 3	10	3	------
22	59.84	59.15	23.3	30.5	94	70	Calm	NNW 3	7	5	------
23	60.21	59.71	23.7	31.4	90	66	Calm	WNW 3	6	3	------
24	61.26	60.42	23.8	31.1	88	56	NNE 2	WNW 2	10	7	------
25	61.40	59.71	24.4	30.5	84	60	Calm	NW 1	10	5	------
26	61.04	59.80	21	30	91	61	Calm	Calm	5	9	------
27	60.63	59.88	23.5	31	85	67	Calm	W 1	4	4	------
28	60.79	59.20	23	30.7	88	67	Calm	NW 3	7	5	------
29	58.93	57.06	22.8	33.5	91	48	Calm	W 1	6	7	------
30	58.35	57.10	24.5	33.4	79	51	Calm	WNW 2	8	4	------
31	58.04	56.85	23.4	31.7	88	69	Calm	WNW 2	5	2	------
Mean	59.29	58.19	22.6	31	90.3	61.8	0.1	1.9	7.3	5.5	------
Total	------	------	------	------	------	------	------	------	------	------	22.4

APRIL.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	56.96	55.87	22	31	91	67	Calm	NW 3	3	7	------
2	56.83	57.11	22.7	32.6	90	60	Calm	NW 2	6	6	------
3	59.06	58.85	21.5	31.8	87	58	Calm	WNW 2	4	2	------
4	59.43	59	21.8	31	91	62	Calm	WNW 3	6	5	------
5	59.75	59.45	24.3	31	85	59	Calm	WNW 1	10	7	------
6	60.58	60.01	23.5	30.8	87	59	Calm	WNW 2	10	7	------
7	61.78	60.79	22.9	31.5	92	63	Calm	WNW 2	5	5	------
8	61.56	59.75	23	31.2	91	62	Calm	NW 1	4	9	------
9	60.32	59.14	22.4	32	88	60	Calm	WNW 2	6	2	------
10	60.11	59.30	22.5	31.5	87	63	Calm	W 1	8	4	------
11	59.77	58.39	25.8	32.3	82	62	Calm	WNW 1	6	4	------
12	59.90	59.35	23.5	32.2	91	60	Calm	NW 2	6	3	------
13	60.08	59.05	24.2	32.2	86	59	Calm	WNW 3	2	7	------
14	59.32	58.80	22.6	32.7	82	59	Calm	WNW 2	5	3	------
15	58.29	57.43	23.5	32.4	90	61	Calm	NW 1	10	6	------
16	58.09	56.85	25.5	33	80	55	Calm	NW 2	4	9	------
17	57.22	55.58	23.2	32.8	90	56	Calm	NW 2	9	9	------
18	55.19	54.39	24.6	33	91	64	Calm	W 3	7	6	------
19	55.29	55.35	24.5	32	91	64	Calm	NW 3	3	3	------
20	55.98	55.41	22.1	32.2	88	58	Calm	WNW 1	3	1	------
21	55.65	55.55	22.3	32.1	88	57	Calm	WNW 2	2	2	------
22	56.03	55.55	24.6	32.5	87	60	Calm	NW 1	3	2	------
23	55.40	54.44	23.8	33	90	61	Calm	NW 1	3	3	------
24	55.59	54.49	25.5	32.8	86	61	Calm	NW 1	10	5	------
25	56.59	55.50	24.8	32.8	88	59	Calm	WNW 1	6	3	------
26	57.94	57.24	25	33.3	83	59	Calm	NW 2	6	4	------
27	57.80	56.89	23.5	33.2	87	62	Calm	W 1	0	4	------
28	58.14	56.89	24.3	33.3	86	62	Calm	WNW 2	2	3	------
29	57.44	56.36	24.8	34.2	87	55	Calm	WNW 1	4	3	------
30	58.04	57.15	24	33.2	86	61	Calm	NW 2	4	2	------
Mean	58.14	57.33	23.6	32.3	87.6	60.3	0	1.8	5.1	4.5	------
Total	------	------	------	------	------	------	------	------	------	------	0

[a] The barometric readings of this station seem to be too low by about 0.50 mm.

SAN FERNANDO, UNION.

[ϕ=16° 37′ N; λ=120° 19′ E; barometer above sea, 3 meters; gravity correction not applied, —1.65 mm.]

MAY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	58.24	57.90	24	30.6	85	65	Calm	Calm	4	9	------
2	57.39	56.06	24.4	34.3	84	55	Calm	WNW 2	2	7	------
3	57.06	56.16	24.6	32.8	87	59	Calm	W 1	10	10	------
4	56.51	56.66	24.7	33.9	87	52	Calm	NW 2	10	5	9.3
5	56.56	56.46	24.5	33.3	96	57	Calm	NW 1	2	3	------
6	57.15	56.75	23.7	33.4	94	59	Calm	NW 2	7	3	------
7	56.54	56.29	25	34.4	87	52	Calm	NW 2	6	9	------
8	57.49	56.78	24.8	34.5	93	55	Calm	WbyN 1	4	3	------
9	58.20	57.61	24	33.7	88	57	Calm	WNW 2	2	3	------
10	57.86	56.64	24.2	35.4	82	48	Calm	WNW 2	0	2	------
11	56.78	55.70	24.6	34.8	85	56	Calm	W 2	6	3	12.3
12	56.98	56.45	26.8	29.8	84	69	Calm	Calm	10	9	12.6
13	56.47	56.30	25	29	95	78	Calm	Calm	10	10	------
14	56.31	55.55	25	31	83	63	Calm	SW 1	10	10	------
15	55.61	54.81	25.2	31.3	87	66	Calm	NW 1	8	9	------
16	57.43	57.69	24.4	32.1	91	64	Calm	NW 1	7	9	------
17	58.66	58.19	24.6	32.4	92	64	Calm	NW 1	10	3	------
18	58.40	56.61	24.7	34.4	91	51	Calm	SW 3	2	3	20.3
19	57.13	55.81	25	33.3	92	59	Calm	SSW 1	10	2	1.3
20	57.06	56.39	25.6	32.5	92	66	Calm	WbyS 2	4	7	------
21	57.08	56	25.1	33.8	91	54	Calm	WbyS 1	10	5	1.1
22	56.98	56.19	23.3	32.5	92	63	Calm	WNW 1	10	6	------
23	57.34	56.14	24.4	33.7	87	54	Calm	W 2	7	3	------
24	57.06	56.72	25	33.2	87	60	Calm	NW 1	3	3	------
25	57.34	56.50	25	33.5	88	61	Calm	NW 2	2	4	------
26	57.11	55.79	24.5	33	91	65	Calm	WNW 2	3	2	------
27	56.02	54.20	26.2	33.3	90	64	Calm	WNW 2	1	2	------
28	55.23	54.44	26	35.7	76	47	Calm	W 1	6	7	5.1
29	55.26	54.73	25.1	33.6	92	59	Calm	NW 1	10	4	152.9
30	57.58	56.45	23.6	30.6	97	71	Calm	Calm	10	9	------
31	56.96	56.44	25.1	32.6	96	66	Calm	NW 2	10	9	------
Mean	57.04	56.27	24.8	33	89.1	60	0	1.4	6.3	5.7	------
Total	------	------	------	------	------	------	------	------	------	------	216.9

JUNE.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	56.78	55.92	25.4	32.5	92	63	Calm	NW 1	10	8	1.5
2	55.84	54.80	24	33.3	96	62	Calm	SW 1	4	8	19.8
3	55.88	55.91	25.4	32.8	88	67	Calm	WSW 1	9	6	------
4	56.06	56.06	25.7	32	93	67	Calm	Calm	7	10	.5
5	56.01	54.77	25.2	31	92	77	Calm	WNW 3	4	10	25.1
6	55.71	53.89	25	33.1	96	63	Calm	Calm	10	4	5.1
7	55.15	53.62	24.4	33.6	97	59	Calm	SW 1	4	4	------
8	54.71	53.41	26.3	33	93	63	Calm	SSW 2	10	6	6.2
9	54.59	53.15	25.3	33.4	89	62	Calm	Calm	10	6	11.4
10	54.74	53.65	25.9	31.5	97	68	Calm	Calm	10	10	7.6
11	54.08	52.12	25	30.9	88	69	Calm	WSW 2	10	10	4.6
12	52.04	52.20	24.3	26.3	89	91	Calm	Calm	10	10	10.6
13	51.15	51.88	24.3	28	93	79	Calm	SSE 2	10	10	11.7
14	52.49	53.87	25	29	88	75	Calm	SSE 3	10	10	5.8
15	53.47	52.71	25	32	88	71	Calm	SSW 3	10	10	4.3
16	53.44	53.22	25.4	29.4	95	79	Calm	SbyE 1	10	10	5.1
17	54.13	53.25	25.1	31	94	75	Calm	WSW 2	10	10	11.4
18	54.58	55.25	24.3	31.5	81	74	Calm	W 1	10	10	------
19	55.99	55.67	24.5	27.7	96	91	Calm	Calm	8	10	6.9
20	55.42	54.18	24.7	29.5	94	76	S 1	SW 2	6	10	2
21	54.74	54.78	25.9	28.5	81	78	S 1	S 2	10	10	3.8
22	55.66	56.24	24.6	25.8	91	92	Calm	S 2	10	10	2.8
23	56.48	56.56	23.2	30.3	90	73	Calm	Calm	10	10	------
24	57.84	58.22	23.5	31.6	87	68	Calm	Calm	10	10	------
25	59.40	58.89	24	31.6	96	70	Calm	WbyS 2	4	7	------
26	58.97	57.95	25.2	31.6	92	76	Calm	WNW 2	6	6	------
27	57.57	56.85	25.2	32.2	93	68	Calm	W 1	9	8	14.7
28	57.72	57.32	24.3	32.2	94	69	Calm	WNW 2	4	4	.3
29	58.71	58.25	25	28	95	86	Calm	ESE 1	4	9	5.1
30	57.83	56.67	25	32	95	69	Calm	Calm	10	9	.3
Mean	55.57	55.02	24.9	30.8	91.8	72.7	0.1	1.2	8.3	8.5	------
Total	------	------	------	------	------	------	------	------	------	------	166.6

JULY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	56.89	56.25	24.6	31.3	91	68	Calm	SSW 1	9	9	0.5
2	57.03	56.91	23.4	30.9	97	72	Calm	SW 1	10	10	11.7
3	57.14	56.62	24.4	30.6	93	80	Calm	S 1	4	9	------
4	56.29	55.51	24.4	31.9	95	73	Calm	SSW 2	9	10	------
5	56.92	56.25	23.5	29	96	64	Calm	SSW 3	4	4	------
6	58.09	58	25	31.2	97	66	Calm	S 1	6	10	.3
7	58.80	57.85	25	32.5	96	66	Calm	WNW 1	8	7	------
8	57.93	56.86	24.6	31.4	93	68	Calm	WNW 2	7	6	------
9	57.42	56.44	24.8	33.5	89	64	Calm	W 1	7	4	4.1
10	57.93	57.80	23.4	31.2	95	71	Calm	W 2	3	4	.3
11	57.72	57.51	23.5	32	96	66	Calm	WNW 1	4	4	------
12	58.02	57.80	23.7	29.5	94	73	Calm	S 1	6	9	------
13	58.02	57.98	23.5	32.5	94	66	Calm	W 1	2	3	1
14	57.60	57.28	23.8	33	93	60	Calm	NW 1	4	8	------
15	57.30	57.08	24	32.6	93	66	Calm	S 2	10	8	4.4
16	57.69	56.27	23	32.2	91	65	Calm	WNW 2	4	4	.3
17	56.84	56.22	23	31.5	95	68	Calm	NW 1	10	8	------
18	56.03	56.17	24.5	29.7	92	73	Calm	Calm	9	10	9.4
19	56.74	55.81	23	32.1	97	69	Calm	WSW 1	9	7	.4
20	57.02	55.78	25.5	31.5	94	70	Calm	NW 2	7	7	1.3
21	56.29	55.57	23.5	32.5	96	69	Calm	WSW 3	8	6	------
22	55.20	54.20	24.4	30.6	95	71	Calm	WNW 1	6	8	42.2
23	54.34	53.41	25.3	31	89	72	Calm	SSW 1	5	9	------
24	54.42	54.87	24.8	31.3	96	67	Calm	WSW 1	10	10	3.8
25	55.90	55.88	24	28.6	95	80	Calm	Calm	10	10	5.3
26	55.55	55.07	23.4	31.4	95	70	Calm	W 1	4	6	19.3
27	55.14	54.47	23.7	31.6	96	67	Calm	S 1	10	8	22.3
28	55.49	54.56	24.2	32.1	95	68	Calm	W 1	10	3	------
29	54.98	54.80	24.5	32.2	96	68	Calm	WSW 1	9	4	.3
30	55.52	54.95	25.2	32	90	67	Calm	WNW 2	9	5	43.4
31	55.67	54.90	25	32.5	96	66	Calm	W 2	10	3	8.1
Mean	56.64	56.09	24.1	31.6	94.2	68.8	0	1.3	7.2	6.7	------
Total	------	------	------	------	------	------	------	------	------	------	178.9

AUGUST.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	56.54	56.18	24.9	32.5	97	69	Calm	WNW 1	8	6	4.5
2	57.14	56.38	24.6	31.7	97	72	Calm	WSW 1	10	10	57.7
3	57.55	56.47	24.8	30.5	95	78	Calm	Calm	10	9	83.8
4	57.73	57.27	25	29.7	93	79	Calm	W 2	10	10	9.7
5	56.88	56.48	24.9	30.9	90	72	Calm	W 3	10	10	34.8
6	57.27	56.09	23.9	28	94	77	Calm	Calm	10	10	66.7
7	56.99	56.52	24.3	31.2	86	68	Calm	S 2	10	10	16.5
8	56.99	56.73	24.7	28.3	87	87	Calm	S 1	10	10	28.5
9	55.68	55.09	25.6	26.8	93	90	SSW 1	SSW 1	10	10	35.8
10	52.85	52.84	25.8	25.5	93	94	S 1	SSE 1	10	10	178
11	51.93	52.02	25.4	24.5	93	94	Calm	SSE 1	10	10	116.3
12	52.04	52.29	26	28.3	92	86	SSE 2	SSW 1	10	10	30.7
13	52.64	53.55	25.8	25.5	93	94	Calm	SSE 1	10	10	101.4
14	54.80	56.09	24.5	28.3	96	82	SSE 2	SSE 2	10	10	20.6
15	57.63	57.27	25	32.1	88	74	Calm	S 2	10	5	1
16	57.96	56.63	25.5	31.7	93	68	Calm	SW 1	10	7	49.5
17	56.63	56.01	25	28.7	83	75	Calm	S 1	10	10	32.2
18	55.98	55.59	26	24.7	76	91	S 1	WSW 3	10	10	57.6
19	56.17	55.94	26	27.5	81	82	Calm	SSW 1	10	10	70.8
20	56.94	56.78	23	25.5	91	90	Calm	S 1	10	10	20.7
21	56.63	56.69	24.3	31.4	89	63	Calm	S 1	10	10	------
22	58.48	57.54	23.7	31.6	96	67	Calm	WSW 1	7	9	------
23	58.12	56.47	24.5	31	94	71	Calm	NW 1	9	6	8
24	56.20	55.92	24.7	29.8	96	73	Calm	WSW 1	7	7	12.7
25	56.04	56.80	23.4	31.3	97	70	Calm	WbyS 2	8	10	------
26	57.54	57.76	23.5	32.6	96	66	Calm	WNW 2	4	5	------
27	57.52	56.92	24	32.1	96	66	Calm	WSW 1	4	6	------
28	57.24	56.90	24.2	32.2	97	61	Calm	WSW 1	6	6	------
29	56.37	56.57	23	32	94	66	Calm	WNW 1	2	7	------
30	56.72	56.45	24.3	32.5	93	62	Calm	SSW 2	8	6	4.8
31	58.34	57.31	23.5	31.8	96	67	Calm	W 1	4	8	------
Mean	56.37	56.05	24.6	29.7	92.1	75.9	0.2	1.3	8.6	8.6	------
Total	------	------	------	------	------	------	------	------	------	------	1,037.8

SAN FERNANDO, UNION.

[ϕ=16° 37′ N; λ=120° 19′ E; barometer above sea, 3 meters; gravity correction not applied, —1.65 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	58.57	57.36	24.7	30.5	94	74	Calm	NW 1	7	10	0.6
2	57.39	55.50	23.5	33	96	63	Calm	WSW 2	10	7	3.3
3	54.77	53.18	25.2	26.5	95	90	Calm	SW 2	10	10	131.1
4	52.16	51.64	23.6	25	95	96	SSE 1	WNW 3	10	10	51.6
5	53.02	54.15	24.4	24.6	87	92	SE 5	SE 2	10	10	59.7
6	54.90	54.38	25.2	32.9	74	58	Calm	S 3	10	6	------
7	56.42	56.14	24.4	29.8	91	77	Calm	Calm	10	10	1.5
8	56.33	56.98	22.7	30.6	94	71	Calm	WSW 1	7	9	1
9	56.57	55.41	23.6	31	96	72	Calm	WNW 2	10	7	------
10	56.97	55.57	23.7	32.4	97	63	Calm	Calm	5	9	.5
11	57.08	56.14	23.4	32.5	95	67	Calm	WNW 1	9	5	7.4
12	58.43	57.19	24.9	27.8	91	86	Calm	Calm	5	10	6.9
13	57.30	56.49	22.8	30.5	97	71	Calm	WNW 2	3	5	2
14	56.19	55.09	24	29	96	78	Calm	Calm	10	10	------
15	54.49	54.13	25.2	30.3	92	75	Calm	S 2	9	8	25.1
16	56.24	55.09	23.8	31.5	97	69	Calm	Calm	9	10	41.7
17	56.51	55.84	23.2	29.4	97	74	Calm	Calm	10	10	------
18	55.27	54.77	23.6	31	97	67	Calm	W 1	4	5	------
19	55.33	54.97	22.9	31.8	96	62	Calm	W 1	5	7	------
20	56.12	55.73	24	32	96	66	Calm	WbyS 2	2	5	------
21	55.52	54.41	25.5	32.2	96	68	Ca'm	W 2	10	7	------
22	54.17	52.59	24.5	31.9	96	70	Calm	NW 3	10	7	3
23	52.36	50.59	24.5	31.3	96	73	Calm	Calm	7	10	1.5
24	50.23	48.91	24.7	29.9	96	77	Calm	SW 2	10	10	23.6
25	49.13	50.24	24.6	25.9	92	89	SSE 1	SbyW 1	10	10	49.3
26	52.06	52.18	24.3	30.1	91	72	Calm	S 1	10	10	16.3
27	54.84	54.67	24.2	28.6	91	80	Calm	SE 1	10	10	9.4
28	55.04	55.22	24	25	91	92	Calm	Calm	10	10	8.2
29	55.03	54.17	23	28.4	97	78	Calm	Calm	10	10	9.1
30	55.19	55.32	22.9	31.2	97	68	Calm	Calm	4	4	------
31	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Mean	55.14	54.47	24	29.9	93.9	74.6	0.2	1.2	8.2	8.4	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	452.8

OCTOBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	57.28	56.64	23.6	31	97	70	Calm	WNW 2	2	4	------
2	57.59	56.51	24.8	31	97	71	Calm	NNW 3	6	6	0.8
3	57.20	56.27	24.5	29.5	96	79	Calm	Calm	10	7	.5
4	57.68	56.44	24.1	29.2	95	77	Calm	Calm	10	10	10.2
5	57.50	56.62	23.9	29.8	97	70	Calm	SbyE 1	10	10	13.9
6	56.68	55.50	23.8	25.8	97	90	Calm	Calm	10	10	28.7
7	56.46	56.15	22	29.9	97	68	Calm	WbyN 1	4	10	------
8	57.17	56.32	24	29.1	96	73	Calm	NE 1	10	10	------
9	57.09	56.44	24.3	27	96	88	Calm	WbyN 2	10	10	18.8
10	57.14	57.08	23.4	24.6	97	93	ESE 1	SSW 1	10	10	60.7
11	58.04	57	23	29.7	96	63	Calm	NNW 1	10	10	3.8
12	57.56	56.41	22.6	30.4	97	69	Calm	NW 3	6	6	------
13	57.69	56.99	23.6	30.5	97	71	Calm	WNW 2	4	5	------
14	57.23	56.37	23.9	30.7	97	74	Calm	WSW 1	7	6	.5
15	56.14	55.44	22.8	31	97	69	Calm	WNW 1	7	4	3
16	55.74	54.44	22.8	30.4	97	69	Calm	Calm	10	10	5.3
17	55.25	54.67	24	28.3	97	82	Calm	WbyS 2	10	10	33.8
18	56.17	55.07	24.5	29.5	91	77	Calm	SSW 3	10	10	15.7
19	55.80	55.44	23.9	29	96	76	Calm	NNW 3	10	10	.3
20	55.93	55.29	23.7	30.2	97	73	Calm	W 1	9	10	------
21	57.54	57.22	24	31.2	96	72	Calm	NW 2	3	6	2
22	56.93	56.65	24	28.5	97	81	Calm	Calm	10	10	------
23	57.19	56.27	23.3	29	97	77	Calm	NW 1	6	10	3.3
24	57.72	57.03	23.6	30.8	97	76	Calm	NW 1	5	2	------
25	57.73	56.87	24	30.5	96	68	Calm	NbyW 1	4	4	------
26	59.70	58.07	24.5	31.5	96	62	Calm	NbyW 2	6	3	------
27	59.21	57.37	23.2	31	97	69	Calm	SW 1	6	2	------
28	57.26	56.49	21.9	31.1	96	65	Calm	Calm	3	4	------
29	57.89	57.37	22	31	96	72	Calm	WbyN 1	4	2	------
30	58.55	57.53	23	31	96	68	Calm	WbyS 1	4	4	2
31	57.40	55.57	22.5	30.7	96	67	Calm	WbyN 1	10	4	------
Mean	57.24	56.37	23.5	29.8	96.4	73.5	0	1.3	7.3	7.1	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	203.3

NOVEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	55.38	54.40	23.1	31.2	93	68	Calm	WbyN 1	10	4	------
2	55.62	54.75	22.6	30.8	97	64	Calm	WbyN 1	7	2	------
3	56.82	56.23	22.8	30.8	97	68	Calm	W 1	1	2	------
4	57.57	55.68	22.5	31.6	96	65	Calm	WbyN 1	5	1	------
5	56.69	54.93	23.5	31	96	71	Calm	WNW 2	10	4	------
6	56.18	55.03	22.8	30.8	95	70	Calm	NW 2	7	6	------
7	56.19	54.78	23	31.6	96	65	Calm	NW 3	8	6	------
8	55.62	55.59	22	30.8	93	65	Calm	WNW 1	8	5	------
9	57.09	56.71	22.9	31.1	92	66	Calm	WbyS 1	4	6	------
10	57.84	56.87	24.8	31.1	93	67	Calm	W 1	10	4	------
11	57.44	57.03	22.2	30.4	95	64	Calm	W 1	8	7	------
12	58.45	57.49	21.5	30.5	95	65	Calm	W 1	4	4	------
13	59.26	58.31	21.2	30.3	95	64	Calm	WbyN 1	4	3	------
14	58.93	57.09	20.8	30.3	94	59	Calm	WNW 1	2	4	------
15	57.36	55.08	20.4	31	92	62	Calm	NW 2	4	9	------
16	55.60	53.48	22.6	28.6	86	73	Calm	NbyE 4	10	4	------
17	55.22	54.11	22.2	30.6	95	68	Calm	NNW 2	3	3	------
18	57.23	55.62	24.9	30.2	92	71	Calm	NW 3	10	9	------
19	57.27	56.17	23.8	30.6	95	71	Calm	WNW 1	4	7	------
20	56.61	55.71	23.3	31	96	69	Calm	WNW 1	4	8	------
21	56.89	56.47	24.5	30	92	71	Calm	WNW 1	10	10	15.5
22	57.79	56.88	22.6	29.5	97	76	Calm	W 1	4	10	49.3
23	57.02	56.64	23	23.1	97	77	Calm	Calm	10	10	.3
24	57.58	56.54	23.5	29.8	96	76	Calm	W 1	10	8	------
25	56.69	55.17	23.2	30.5	95	70	Calm	W 1	5	3	------
26	55.19	53.62	22.2	30.4	96	72	Calm	WNW 1	3	2	------
27	55.29	53.93	22.5	29.6	96	71	Calm	NNW 3	9	9	1
28	55.29	54.37	23.6	29.4	90	70	Calm	NbyW 4	7	5	------
29	55.82	55.15	22.5	28.3	80	67	Calm	N 4	6	4	------
30	57.49	56.35	19.2	27.1	92	65	Calm	NbyW 5	10	10	------
31	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Mean	56.78	55.67	22.7	30.2	93.9	68.3	0	1.7	6.6	5.6	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	66.1

DECEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	57.85	56.31	18	27.8	95	60	Calm	N 3	7	3	------
2	56.91	55.74	18.6	28.2	94	69	Calm	NNW 2	10	10	------
3	56.70	57.01	22.6	26.9	90	79	Calm	Calm	10	10	------
4	57.49	56.52	21.5	29.2	95	73	Calm	WbyS 1	8	5	------
5	56.69	55.19	21	30.2	95	69	Calm	NW 1	3	1	------
6	56.42	55.62	22.3	29.8	96	70	Calm	SW 1	4	2	------
7	56.37	55.97	22	30.1	96	71	Calm	NW 1	2	2	------
8	56.55	55.24	22.2	30.5	96	62	Calm	NW 1	10	3	------
9	56.29	55.66	24	30	93	70	Calm	NW 1	9	4	------
10	57.10	56.29	22.5	29.6	96	74	Calm	W 1	9	8	------
11	56.92	56.14	22.3	29	96	73	Calm	WSW 1	8	9	------
12	57.12	55.58	22.3	29.9	96	67	Calm	WNW 1	7	5	------
13	57.34	56.49	23	30.2	95	68	Calm	Calm	4	6	------
14	57.17	56.39	22	30	96	71	Calm	WNW 1	4	5	------
15	56.33	55.22	21.6	30.2	96	70	Calm	WNW 1	4	6	------
16	55.72	54.49	22.8	30	95	71	Calm	WNW 1	4	8	------
17	55.87	54.59	23	30.2	96	74	Calm	W 1	4	8	------
18	55.68	54.52	23	30.5	96	74	Calm	WNW 1	9	9	------
19	55.74	54.56	23.3	30.3	96	72	Calm	NW 1	8	8	------
20	56.25	54.88	23.3	30.8	96	68	Calm	WbyS 1	8	6	------
21	57.57	56.07	23.2	30.2	95	70	Calm	WbyS 1	10	8	------
22	56.78	55.81	22 3	29.5	96	66	Calm	W 1	8	10	------
23	56.73	55.58	22.6	30.1	97	69	Calm	WSW 1	4	2	------
24	56.37	55.49	22	30.7	96	66	Calm	WbyN 1	3	7	8.9
25	57.95	56.72	22.8	29.6	97	70	Calm	NNW 2	8	10	------
26	57.20	55.78	22.5	29.7	96	70	Calm	WNW 1	10	4	------
27	57	56.04	22.3	29.3	96	70	Calm	WbyN 1	5	6	------
28	57.31	56.24	21.8	29.8	95	65	Calm	WbyN 1	5	10	------
29	56.73	55.90	22.8	27.6	91	70	Calm	Calm	10	10	------
30	56.78	56.32	22.8	26.5	93	83	Calm	Calm	10	10	2.5
31	56.77	55.42	22.5	29.7	96	67	Calm	WSW 1	10	2	------
Mean	56.76	55.74	22.2	29.6	95.2	70	0	1	6.9	6.4	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	11.4

ECHAGÜE.[a]

[ϕ=16° 41′ N; λ=121° 39′ E; barometer above sea, 56.1 meters; gravity correction not applied, −1.64 mm.]

JANUARY.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	59	56.34	23.2	28.2	93	74	Calm	Calm	3	8	2.3
2	57.43	55.88	23.7	25.5	89	84	Calm	NNE 1	10	10	5.6
3	56.56	56.15	22.5	24	95	95	NbyW 1	Calm	10	10	31.2
4	58.63	57.86	23.4	28	95	77	Calm	ENE 1	10	9	3.6
5	60.06	59.37	24.6	26.4	93	85	Calm	Calm	10	10	45.2
6	60.26	58.94	23	28.4	91	69	Calm	E 1	10	9	------
7	59.57	58.53	23.5	28.5	87	79	Calm	E 1	7	9	1.3
8	60.56	59.72	22.6	29	86	71	Calm	E 1	4	9	.8
9	63.12	60.63	22.7	28.9	88	71	Calm	Calm	4	0	------
10	62.69	61.45	23	28.3	82	66	Calm	Calm	2	2	1
11	64.16	62.44	23.4	27.9	84	58	Calm	NE 1	1	7	------
12	63.97	61.51	23.2	26.1	90	79	Calm	NE 1	10	10	7.7
13	62.79	61.57	21.9	24.8	91	84	Calm	ENE 1	10	9	6.3
14	61.53	59.51	21.5	25.4	90	80	Calm	N 1	10	8	2.5
15	59.27	57.76	22.3	25.9	87	67	NNE 1	NNE 2	10	10	------
16	59.76	59.82	20.5	22.4	84	63	NNE 1	N 2	10	10	------
17	61.54	60.60	19.5	22.8	83	64	Calm	Calm	10	7	.8
18	62.87	61.66	18.8	22.9	83	63	Calm	E 1	9	9	2.3
19	62.74	61.89	19.1	22.5	95	78	Calm	E 1	9	9	5.1
20	62.50	60.63	19.4	24.2	90	62	Calm	E 1	10	8	1.8
21	60.33	59.67	19.9	24.6	85	68	Calm	S 1	9	8	------
22	59.84	57.28	20.5	26.9	84	80	Calm	Calm	8	6	------
23	58.50	56.89	23.2	27.3	80	70	Calm	Calm	9	9	8.4
24	59.97	60.83	21.9	22	89	82	N 1	N 2	10	10	1.3
25	63.71	61.58	20	24	85	80	Calm	E 1	10	9	------
26	61.97	60.63	21.3	25	91	82	Calm	E 1	10	8	9.7
27	60.70	58.81	22	25.3	84	88	Calm	Calm	10	10	6.1
28	59.92	58.60	22.8	24.2	93	90	Calm	NNE 1	10	10	4.9
29	59.36	57.29	22.3	27.1	93	73	Calm	Calm	8	9	------
30	59.34	58.19	22.4	25.3	88	74	Calm	Calm	10	9	------
31	58.07	56.53	22	25.1	88	77	Calm	Calm	10	10	1.5
Mean	60.67	59.31	21.9	25.7	88.3	75.3	0.1	0.7	8.5	8.4	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	149.4

FEBRUARY.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	57.77	56.64	22	26.1	89	73	Calm	Calm	9	4	------
2	58.20	56.50	22.4	26.2	87	72	Calm	Calm	10	10	1.3
3	58.27	56.16	22.7	26	82	78	Calm	Calm	10	9	8.4
4	57.05	55.51	22.4	26.6	90	80	Calm	Calm	10	9	------
5	56.70	55.81	23.5	28	88	65	Calm	Calm	9	1	------
6	58.55	56.17	23.2	27.7	84	64	Calm	Calm	8	1	------
7	56.68	54.61	23.5	28.1	80	53	Calm	Calm	9	2	------
8	55.97	55.20	22	28.5	79	54	Calm	Calm	3	1	------
9	59.46	58.14	22.4	27.5	81	58	Calm	ENE 1	7	1	------
10	60.81	59.69	23	27.7	78	56	Calm	NE 1	8	2	------
11	61.37	59.98	23.2	26.7	83	73	Calm	NE 1	10	9	6.9
12	61.22	60.28	21.7	25.3	90	74	NE 1	NEbyN 1	10	9	7.1
13	61.60	59.87	21.4	25.3	89	78	Calm	NE 1	10	8	3.3
14	62.95	60.96	20.2	24.8	91	73	Calm	NE 1	9	10	1.5
15	62.28	60.06	20.2	25	93	79	Calm	NNE 1	10	9	8.6
16	60.72	59.25	21.7	25.7	90	82	Calm	NNE 1	10	8	3.3
17	60.46	58.04	23	28.3	89	67	Calm	NE 1	9	7	.8
18	58.75	56.27	24.5	30.1	89	68	Calm	Calm	10	7	------
19	58.90	56.39	24.4	29.5	89	68	Calm	SSE 1	10	8	1.3
20	57.49	56.57	24.4	29.5	95	71	Calm	SSW 1	7	7	.5
21	58.20	56.57	24.4	29.6	84	57	Calm	Calm	10	8	------
22	58.22	56.06	24	30.4	86	65	Calm	Calm	4	9	------
23	57.25	55.40	24	31.3	78	60	Calm	SE 1	2	1	------
24	57.22	56.20	25.1	31.1	77	54	Calm	Calm	3	6	------
25	58.01	56.56	23.5	31	71	55	Calm	E 1	2	6	------
26	57.99	56.79	25.3	30.6	78	67	Calm	Calm	10	6	.3
27	58.22	57.53	24.6	27.9	84	63	Calm	NE 1	10	10	1.3
28	59.72	57.34	23.3	29	84	59	Calm	Calm	3	1	------
29	59.77	57.51	23	30	77	65	Calm	SE 1	10	4	------
30	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------
31	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------
Mean	58.96	57.31	23.1	28.1	84.7	66.6	0	0.5	8	6	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	44.6

MARCH.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	61.07	59.29	21.5	26.2	81	63	Calm	ENE 1	9	6	0.3
2	61.14	60.23	21.3	25	78	68	Calm	Calm	10	9	.3
3	61.25	59.92	21	24.4	85	76	NEbyE 1	SW 1	10	9	.5
4	60.85	59.49	21.2	28.5	84	60	Calm	ENE 1	10	6	1
5	61.22	60.19	22.5	26	89	69	Calm	N 1	10	10	------
6	60.21	58.49	23	27.4	83	70	Calm	Calm	9	6	------
7	58.29	56.14	23.5	29.2	83	65	Calm	Calm	10	2	------
8	57.78	56.76	25	30.5	82	58	Calm	E 1	9	2	------
9	59.70	58.70	24.7	28.5	81	63	Calm	WSW 1	10	3	------
10	58.97	56.71	23	30.4	81	56	Calm	NE 1	10	1	------
11	58.73	57.23	25	30.1	83	67	Calm	Calm	10	2	------
12	59.80	58.01	24.2	31.3	78	60	Calm	Calm	0	1	------
13	60.14	58.72	23.3	31.6	80	51	Calm	E 1	0	0	------
14	60.27	57.80	25.6	31.5	80	56	Calm	E 1	9	6	------
15	59.17	57.44	25.1	27.9	83	71	Calm	NNE 1	9	9	13.3
16	59.61	59.10	23.1	26	90	76	Calm	NE 1	10	9	------
17	60.45	58.82	24.2	30	86	60	Calm	E 1	9	5	------
18	60.28	58.59	24.3	29.8	87	67	Calm	E 1	10	9	6.1
19	60.51	58.21	23.2	30.2	90	65	Calm	SbyE 1	10	4	------
20	58.72	57.50	23.3	32.6	81	60	Calm	SSW 1	4	1	------
21	59.17	57.58	24.3	33	78	55	Calm	Calm	1	1	------
22	60.80	58.87	25.2	31.6	76	56	S 1	Calm	10	2	------
23	61.26	62.03	26.2	24.5	79	86	Calm	NNE 2	10	10	18.8
24	63.54	62.29	20.9	25.5	91	69	NbyE 1	NE 2	10	9	.3
25	63.79	61.40	21.2	25.8	88	69	Calm	NE 1	9	9	------
26	62.28	60.44	23.5	29.1	80	65	Calm	E 1	10	5	------
27	61.61	59.57	23.4	31.8	84	57	Calm	EbyN 1	4	4	------
28	60.51	58.25	24.1	31.7	80	54	Calm	Calm	3	6	------
29	59.90	57.40	25.3	32.1	84	54	Calm	SW 1	9	4	.5
30	59.27	56.78	24.5	31.7	76	54	Calm	Calm	3	4	------
31	58.02	55.61	24	32.8	76	44	Calm	SE 1	4	6	------
Mean	60.27	58.63	23.6	29.2	82.5	62.7	0.1	0.8	7.8	5.2	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	46.1

APRIL.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	57.11	55.06	25.7	31.5	78	60	Calm	NE 1	9	4	------
2	57.38	56.90	25.2	31.2	81	61	Calm	Calm	9	8	------
3	59.36	57.60	24	31.7	79	51	Calm	E 1	10	2	1.8
4	60.49	58.77	26	31.6	80	54	Calm	NNE 1	10	5	------
5	61.48	60.75	22.6	26.5	90	73	Calm	Calm	10	8	10.2
6	62.76	61.69	21.4	26.9	94	70	Calm	E 1	10	8	2.5
7	63.13	62.44	22.2	27	96	75	Calm	ESE 1	10	9	.8
8	63.43	60.24	22.8	31.3	93	46	Calm	ENE 1	8	4	------
9	61.49	59.40	20.5	33.1	94	51	Calm	ESE 1	6	6	------
10	60.67	59.25	20.9	33.6	92	45	Calm	Calm	3	2	------
11	61.08	59.14	22.2	33.4	96	44	Calm	ENE 1	2	3	------
12	61.61	59.66	21.5	33.4	95	44	SSW 1	E 1	3	3	------
13	61.25	59.25	22	32	97	55	Calm	E 1	3	8	------
14	60.48	57.98	19.3	34.6	89	44	Calm	Calm	2	2	------
15	59.27	56.70	22	35.1	93	38	Calm	E 1	3	3	------
16	59.13	56.80	21.6	34	86	43	Calm	E 1	8	8	------
17	57.98	56.01	22	32.2	95	56	Calm	EbyN 1	9	7	------
18	56.06	54.19	23.8	29.5	93	70	Calm	E 1	8	6	9.1
19	55.66	54.23	23.9	32.2	95	55	Calm	Calm	10	6	10.7
20	56.26	54.62	23.4	32.5	95	50	S 1	ESE 1	8	4	------
21	56.22	54.31	22.5	32.9	96	47	Calm	Calm	4	3	------
22	56.38	54.90	24.5	33.2	86	47	Calm	Clam	9	2	------
23	56.38	53.72	24	33.8	91	50	Calm	ESE 1	9	4	------
24	56.21	53.83	24.4	33.6	90	50	Calm	WSW 1	9	2	------
25	56.66	55.30	24.4	33	91	55	Calm	SSE 1	5	9	------
26	58.31	55.77	23.4	35.5	92	42	Calm	S 1	2	3	5.1
27	58.48	56.90	21.7	32.6	96	50	Calm	Calm	10	1	------
28	58.58	55.84	22.5	35.5	91	46	Calm	ESE 1	0	2	------
29	57.92	55.60	23	34.7	93	49	Calm	NE 1	0	2	------
30	58.58	56.78	22	33.4	91	50	Calm	E 1	0	2	4.8
31	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------
Mean	59	57.12	22.8	32.4	90.9	52.4	0.1	0.7	6.3	4.5	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	45

[a] The barometric readings of this station seem to be too low by about 1 mm.

ECHAGÜE.

[ϕ=16° 41′ N; λ=121° 39′ E; barometer above sea, 56.1 meters; gravity correction not applied, —1.64 mm.]

MAY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	59.47	56.13	21.8	34	97	46	Calm	Calm	10	1	------
2	58.47	56.66	22	33.5	95	42	Calm	E 1	1	2	------
3	58.45	57	21.6	31.9	91	50	Calm	E 1	1	9	------
4	58.77	57.23	23.5	31.9	92	61	Calm	E 1	7	6	------
5	58.69	57.62	21.4	31.7	93	55	Calm	ESE 1	0	3	------
6	58.37	56.66	21.4	33.7	90	50	Calm	NE 1	2	3	------
7	57.68	56.23	23.5	33.4	94	34	Calm	E 1	3	9	------
8	58.81	57.42	22.8	34.6	95	46	Calm	ESE 1	1	3	------
9	59.46	57.64	22.5	34.2	93	44	Calm	E 1	6	1	------
10	60.13	56.72	21.6	34.9	88	43	Calm	ENE 1	1	4	------
11	58.08	55.76	22	35.4	92	40	Calm	ESE 1	4	6	------
12	57.78	55.55	22.4	32.8	92	48	Calm	E 1	8	9	------
13	57.21	54.66	24.2	33.5	94	50	Calm	Calm	9	9	2.8
14	57.42	54.28	22.6	32.2	97	52	Calm	E 1	10	8	------
15	55.91	54.50	24	34.5	93	49	Calm	Calm	8	4	------
16	59.11	56.23	24.5	34	87	44	Calm	E 1	6	5	------
17	59.51	58.13	22.3	34.6	95	46	Calm	ESE 2	4	8	2
18	58.81	56.01	22.5	34.4	91	44	Calm	SE 1	0	1	------
19	57.62	55.11	22.8	35.7	89	32	Calm	Calm	5	3	------
20	57.19	54.96	23.9	35.9	86	41	S 1	SE 1	2	6	1
21	57.21	54.87	23.9	35.3	91	46	Calm	ESE 1	8	6	31.7
22	57.78	56.03	23.3	33.5	91	52	Calm	Calm	8	8	18.5
23	58.26	56.40	21.2	32.4	95	55	Calm	Calm	0	8	------
24	57.76	55.83	22	35.1	96	46	Calm	S 1	2	4	------
25	57.90	55.65	23.5	35.5	90	45	Calm	Calm	0	4	------
26	57.86	55.68	23	35.2	91	45	SSE 1	E 1	1	4	------
27	57.14	54.21	23.9	36.2	93	42	Calm	ESE 1	2	4	------
28	56.06	54.04	23.6	34.5	88	50	S 1	SW 1	1	3	------
29	56.29	53.72	23.9	35	92	44	Calm	W 1	4	6	------
30	57.41	54.83	25	35	88	46	Calm	EbyN 1	9	8	28.2
31	57.56	55.23	24.8	34.1	92	52	Calm	NE 1	8	4	------
Mean	57.97	55.86	22.9	34.1	92	46.5	0.1	0.8	4.2	5.1	------
Total											84.2

JUNE.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	56.86	54.55	24.6	34.4	93	46	Calm	Calm	4	4	34.5
2	56.50	54.53	23.8	33.6	96	48	Calm	Calm	8	7	------
3	56.29	54.71	25.1	34.5	90	49	S 1	Calm	9	3	------
4	56.24	54.88	24.5	30	90	66	Calm	Calm	8	9	------
5	56.61	54.86	24.5	32.4	96	58	Calm	S 1	7	8	------
6	56.61	53.73	21.8	34.3	93	43	Calm	NW 1	1	4	------
7	55.82	53.94	23.4	33.3	90	54	SW 1	Calm	8	7	------
8	55.12	53.74	23.4	33	93	52	Calm	SE 1	3	8	------
9	54.74	53.69	24.1	33.4	91	55	Calm	SE 1	9	9	------
10	55.85	54.25	24.3	30.5	92	67	Calm	ENE 1	9	9	1
11	54.60	51.67	23.9	33.3	94	45	Calm	S 1	9	8	3
12	52.42	50.18	24	32.6	96	57	Calm	WSW 1	10	9	3.6
13	51.35	50.65	24.6	29	95	74	Calm	S 1	9	9	.3
14	52.13	52.09	24.5	29.3	96	71	Calm	NW 1	10	10	3
15	53.22	51.66	24.9	33.5	98	53	Calm	W 1	7	7	2.5
16	52.98	51.11	23.9	34.3	95	55	Calm	Calm	8	7	1.8
17	54.02	52.34	24.3	34.3	96	55	Calm	Calm	10	7	24.9
18	55.07	54.38	23.8	32.3	96	65	Calm	Calm	10	6	------
19	56.33	54.64	24	31.9	95	61	Calm	Calm	9	9	1.3
20	55.52	52.88	23.8	34.5	92	54	Calm	E 1	4	6	------
21	54.55	52.46	24.1	34.8	89	46	Calm	S 1	6	9	4.3
22	55.23	55.54	24.4	29.4	97	75	Calm	Calm	10	10	------
23	57.42	56.14	22.8	33.8	97	49	Calm	E 1	10	8	------
24	58.86	56.75	23.4	33.5	96	50	Calm	Calm	9	3	------
25	59.25	56.88	23.9	34.3	88	48	Calm	Calm	8	7	------
26	59.03	55.78	25.5	34	92	51	Calm	N 1	7	6	------
27	57.69	54.97	24.6	35	95	49	Calm	NNE 1	2	2	43.4
28	57.97	56.88	22.8	33.6	88	56	Calm	Calm	2	3	------
29	57.96	57.95	24.8	31.9	93	64	Calm	SSE 1	3	8	.5
30	59.03	57.05	24.8	31.4	93	66	Calm	Calm	9	6	.3
Mean	55.84	54.13	24.1	32.9	93.5	56.1	0.1	0.5	7.1	6.9	------
Total											124.4

JULY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	58.02	56.35	23.5	32.9	91	58	Calm	SSE 1	8	6	1.5
2	57.93	56.44	23.4	31.8	92	56	Calm	NNE 1	9	7	2
3	57.91	57.19	23	30.4	95	67	Calm	WSW 1	7	4	------
4	57.90	57.71	24.6	27	95	87	Calm	Calm	9	9	1.8
5	57.90	55.97	22.8	33.9	95	54	Calm	ESE 1	3	7	------
6	58.71	57.42	23.3	28.9	91	74	Calm	Calm	4	10	------
7	59.03	56.93	23	33.5	93	49	Calm	E 1	6	3	------
8	58.44	54.83	23.1	34.9	90	47	S 1	E 1	1	6	1.3
9	57.78	55.63	23	34.4	91	46	S 1	EbyS 1	8	4	19
10	58.73	56.94	23.2	34	91	51	SSW 1	E 1	1	5	------
11	58.77	57.46	23.3	31.3	95	65	Calm	E 1	1	6	2.8
12	58.71	57.46	22.9	32.2	95	61	SSW 1	E 1	8	7	------
13	58.61	57.48	22.9	31.6	97	62	Calm	SE 1	7	9	------
14	58.42	56.98	23.8	33.5	96	54	Calm	E 1	7	8	------
15	57.96	56.08	22.9	35.5	92	46	SSE 1	SE 1	8	4	5.1
16	58.24	56.84	23	31.9	93	60	S 1	ESE 1	7	9	------
17	57.66	57.17	23.7	26.4	94	89	Calm	S 1	4	10	10.2
18	57.03	56.50	24	29.6	96	77	Calm	S 1	10	9	1.8
19	57.44	55.43	22.9	32.4	96	52	Calm	E 1	9	7	------
20	56.87	54.35	23.5	34.4	91	48	Calm	N 1	8	4	11.2
21	56.56	54.67	23.9	33.3	96	56	Calm	E 1	9	4	------
22	55.49	53.06	25	34.8	92	50	Calm	Calm	6	6	------
23	54.93	51.82	23.7	34.5	90	53	Calm	ENE 1	9	2	------
24	54.55	52.84	23.3	33.9	96	58	Calm	Calm	6	8	24.6
25	55.69	54.13	23.2	31.9	96	63	Calm	Calm	9	9	40.6
26	55.88	53.03	22.8	32	97	60	Calm	Calm	4	1	2.5
27	54.66	52.50	24.4	32.3	97	62	Calm	Calm	2	8	26.2
28	54.72	53.23	24	33.1	96	64	Calm	ESE 1	4	1	50.8
29	54.98	53.33	24	32.6	96	63	Calm	SE 1	6	1	21.6
30	55.41	53.40	24.7	33.8	95	60	Calm	ESE 1	4	2	------
31	55.66	53.64	25	33.8	95	60	Calm	Calm	7	2	------
Mean	57.12	55.33	23.5	32.5	94	59.7	0.2	0.7	6.2	5.7	------
Total											223

AUGUST.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	56.57	54.76	25.3	34.5	92	62	Calm	E 1	8	5	16.8
2	56.81	54.40	24.1	33.4	96	62	Calm	Calm	8	8	13
3	56.51	54.30	25	33.8	95	62	Calm	E 1	9	4	3
4	57.07	54.86	24.3	34.3	92	57	S 1	Calm	8	8	33.8
5	56.53	54.03	23.4	33.5	97	56	Calm	Calm	9	5	22.6
6	55.93	53.41	24.9	31.5	92	69	Calm	Calm	1	9	6.1
7	55.77	53.98	24.1	34.4	97	45	Calm	SW 1	8	5	------
8	55.91	53.32	24.6	33.7	92	57	Calm	Calm	8	4	------
9	53.91	52.53	25.2	31.8	91	69	Calm	Calm	9	8	2.3
10	52.64	51.74	24.4	25.7	97	94	Calm	Calm	10	10	9.1
11	51.26	50.28	24.2	28.3	96	83	Calm	Calm	10	10	1.3
12	50.95	48.99	24.3	34.4	97	49	Calm	SW 2	9	4	------
13	50.37	51.03	24.9	32.9	87	60	Calm	S 1	10	9	.3
14	53.51	52.86	25.1	34.1	95	52	Calm	SSW 2	9	6	------
15	56.46	55.53	24	35.1	94	56	Calm	Calm	8	6	------
16	56.90	54	23.4	34	96	68	Calm	NE 1	8	5	1.3
17	54.62	52.35	24.3	34.4	97	46	Calm	SW 1	6	7	------
18	53.57	52.51	23.9	33.6	91	48	Calm	SW 2	8	9	------
19	53.93	52.66	23.7	35	92	45	Calm	WSW 2	9	4	------
20	54.55	53.37	23	35.6	91	48	Calm	Calm	8	6	------
21	55.86	54.83	23.3	34.1	91	52	Calm	E 1	7	8	------
22	58.52	56.28	24	32.9	94	57	Calm	NNE 1	6	7	12.4
23	58.58	55.29	23.4	32.7	97	63	Calm	Calm	8	8	.8
24	56.16	53.43	23.7	34.8	96	50	Calm	SSE 1	8	4	.5
25	56.08	55.67	23.1	31.6	95	71	Calm	Calm	9	9	33.8
26	58.23	56.59	22.4	33.3	96	62	Calm	Calm	5	4	------
27	58.37	57.05	22.3	32.3	94	59	Calm	Calm	7	9	------
28	57.42	55.80	21.6	33.9	89	42	Calm	Calm	1	1	------
29	57.18	55.70	23.4	31.3	95	67	Calm	Calm	1	7	------
30	56.53	55.29	23.6	33.3	95	58	Calm	Calm	6	6	6.1
31	53.91	56.75	23.3	33.4	96	56	Calm	NE 1	7	7	8
Mean	55.66	53.99	23.9	33.1	94	58.9	0	0.6	7.4	6.5	------
Total											166.2

ECHAGÜE.

[ϕ=16° 41′ N; λ=121° 39′ E; barometer above sea, 56.1 meters; gravity correction not applied, −1.64 mm.]

SEPTEMBER.[a]

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	59.56	57.58	22.9	30.5	96	72	Calm	Calm	9	6	------
2	57.56	55.08	23.7	33	97	57	Calm	NNW 1	10	5	------
3	53.78	51.14	24.2	27.6	95	83	Calm	NE 1	9	10	14
4	48.49	48.02	23.8	29	89	67	SW 1	S 2	10	10	10.6
5	51.68	54.08	23.8	27.3	86	82	S 2	S 1	9	10	------
6	55.79	55	23.4	33	96	58	Calm	SSE 1	10	6	------
7	57.12	55.35	22.7	32.5	96	64	Calm	E 1	7	5	6.4
8	57.73	56.34	23.3	30.4	96	63	Calm	Calm	10	4	31.5
9	57.23	55.02	23.7	31	97	69	Calm	Calm	6	7	6.1
10	57.34	55.63	23.5	32.3	96	64	Calm	Calm	10	7	.5
11	57.73	56.03	23.1	32.6	97	65	Calm	EbyS 1	8	4	------
12	58.63	56.58	22.8	32.6	97	65	WSW 1	ESE 1	8	7	------
13	57.92	55.78	23.5	33.1	98	60	Calm	E 1	10	3	6.1
14	56.74	55.91	23.7	25.3	97	90	Calm	Calm	10	10	9.2
15	55.52	55.28	23.8	28.5	98	80	Calm	Calm	10	9	5.8
16	57.15	55.77	22.3	28	97	77	Calm	Calm	3	9	12.7
17	56.51	54.97	22.3	29.5	98	70	Calm	Calm	10	9	.5
18	55.04	54.12	22.9	32	97	63	Calm	SE 1	10	5	------
19	54.72	53.80	24.5	32.4	96	56	Calm	Calm	9	3	------
20	55.79	54.11	25.8	32.9	93	60	Calm	Calm	9	6	------
21	54.44	52.48	25.6	33	95	64	Calm	Calm	8	6	------
22	53.38	51.38	24.4	32	94	45	Calm	Calm	7	9	2.3
23	52.66	51.16	25.4	27.5	94	84	Calm	Calm	10	10	.5
24	50	47.83	23.9	33	98	61	Calm	S 1	10	9	.3
25	49.38	49.76	24.7	28	97	77	Calm	S 1	10	10	.3
26	52.76	52.79	23.4	30	96	68	Calm	SW 1	10	9	------
27	55.46	53.94	24.2	29.9	89	73	Calm	Calm	10	9	4.8
28	55.79	54.28	23.5	29.6	97	71	Calm	Calm	10	9	2.3
29	55.16	53.95	23	26.3	96	90	Calm	Calm	9	9	51
30	55.84	55.10	22.6	32.3	98	64	Calm	S 1	4	6	------
31	------	------	------	------	------	------	------	------	------	------	------
Mean	55.23	53.94	23.7	30.5	95.6	68.7	0.1	0.5	8.8	7.4	------
Total	------	------	------	------	------	------	------	------	------	------	164.9

OCTOBER.[b]

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	57.28	55.75	22.3	33.9	97	62	Calm	Calm	3	2	39.6
2	58.18	56.04	24	32.4	96	67	Calm	SE 1	9	9	------
3	57.59	56.93	23.8	26.5	97	84	Calm	Calm	10	9	8.9
4	57.87	56.78	23.7	24.7	98	91	Calm	Calm	10	10	33.3
5	57.49	56.92	22.7	25	97	90	Calm	Calm	10	10	9.2
6	57.19	54.99	22.7	29.2	98	78	Calm	Calm	3	3	------
7	57.18	55.82	22	32	96	62	Calm	Calm	4	6	3.8
8	58.44	57.16	23	26.4	97	86	Calm	Calm	10	10	1.3
9	57.53	56.13	22.7	25.6	97	87	Calm	E 1	10	10	22.1
10	55.76	54.66	23	29.4	98	75	Calm	S 1	10	9	1.3
11	56.79	55.38	23.9	33	84	58	Calm	SE 1	6	7	------
12	57.99	55.69	22	33	96	60	Calm	Calm	3	4	------
13	58.51	57.12	25	29.9	94	75	Calm	NE 1	10	6	.3
14	58.79	57.67	23.4	28.5	97	78	Calm	NW 1	9	8	5.8
15	57.86	55.82	22.5	28.3	97	82	Calm	Calm	7	9	4.6
16	56.64	55.63	23.7	25	98	94	Calm	NE 1	10	10	34.3
17	55.89	55.08	23.8	25	98	96	NE 1	Calm	10	10	24.9
18	57.30	56.04	23.5	28.4	97	78	Calm	Calm	9	8	20
19	57.42	55.11	22.8	32.7	99	63	Calm	E 1	9	8	11.7
20	57.45	56.08	22.8	28.6	97	83	Calm	Calm	4	5	2.3
21	59.50	57.81	22.5	30.8	98	69	Calm	Calm	6	8	24.1
22	59.38	57.92	23.8	26	97	86	Calm	Calm	9	9	23.1
23	58.46	56.67	22.8	26.5	98	90	Calm	Calm	8	10	26.7
24	59.26	57.46	23.7	31.2	98	66	Calm	Calm	8	4	1.5
25	59.71	57.85	24.4	30.5	97	70	Calm	Calm	7	5	.8
26	61.53	59.11	23.6	31.3	98	66	Calm	NE 1	10	2	------
27	60.63	58.44	22	30	96	68	Calm	N 1	8	4	------
28	59.12	57.23	22.9	28.7	97	74	Calm	NE 1	9	9	1.3
29	59.56	58	22.9	31	97	61	Calm	ENE 1	9	8	------
30	59.75	58.09	22.9	28.7	97	76	Calm	E 1	8	9	4.3
31	58.89	57.38	23.5	28.9	96	77	Calm	E 1	10	6	17.2
Mean	58.22	56.67	23.1	29.1	96.7	75.9	0	0.5	8	7.5	------
Total	------	------	------	------	------	------	------	------	------	------	322.4

NOVEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	57.35	54.90	23.5	30.6	97	68	Calm	Calm	8	5	0.5
2	57.27	55.75	23	31	96	56	Calm	NE 1	3	2	------
3	58.50	56.41	23	32.1	96	55	Calm	Calm	1	3	5.3
4	59.19	56.23	23.6	30.3	97	63	Calm	Calm	10	6	------
5	57.55	55.36	23.3	29.6	96	69	Calm	SSE 1	8	2	.8
6	57.17	54.92	23.2	30.9	96	60	Calm	N 1	9	3	------
7	56.86	54.75	23	29.7	97	84	Calm	Calm	7	4	------
8	56.53	55.22	23	30.5	97	62	Calm	Calm	10	2	5.8
9	58.12	57.54	23.7	28	97	77	Calm	NNE 1	10	10	19.6
10	59.52	57.66	23	28	97	67	Calm	NNE 2	8	4	------
11	59.47	58.17	21	26.6	95	77	Calm	E 1	10	9	7.6
12	60.83	59.95	21	24.5	97	90	Calm	NNW 1	9	5	6.3
13	61.87	60.33	21	24.7	95	78	Calm	NE 1	9	9	7.1
14	60.90	58.99	19.8	25.9	97	76	Calm	Calm	8	7	12.4
15	58.85	57.56	21.8	24	97	95	N 2	N 1	10	10	19.3
16	56	54.21	22.2	26.6	94	88	Calm	NbyW 1	9	9	6.3
17	56.25	53.99	22.4	28.5	96	74	Calm	NWbyN 1	10	4	1
18	57.74	55.68	23.5	28.1	96	84	Calm	ENE 1	10	9	17.5
19	58.47	56.89	23.4	27	97	84	Calm	ENE 1	10	9	2.6
20	58.29	56.15	23.4	29.5	97	72	ENE 1	E 1	10	7	1.5
21	58.15	56.82	23	28	97	77	Calm	NNE 1	9	8	6.1
22	59.43	57.68	22.9	26.8	97	85	Calm	NE 1	10	8	30.5
23	59.13	58.46	22.9	23.7	98	97	Calm	N 1	10	10	24.8
24	58.81	56.78	22.5	29	98	76	Calm	Calm	8	8	5.6
25	58.05	55.95	22.6	29.5	98	70	Calm	Calm	9	8	3.8
26	56.48	54.90	22.6	28	98	70	Calm	N 1	9	8	1.3
27	56.31	54.75	22.6	26.4	97	81	Calm	N 1	10	9	7.1
28	56.63	55.34	23.1	27.2	94	73	NNE 1	N 2	9	4	------
29	57.51	55.88	20.2	26.5	94	64	Calm	N 2	9	7	------
30	60.25	58.65	18.4	24.5	96	60	Calm	N 2	7	9	------
31	------	------	------	------	------	------	------	------	------	------	------
Mean	58.25	56.53	22.4	27.9	96.5	74.4	0.1	0.9	8.6	6.6	------
Total	------	------	------	------	------	------	------	------	------	------	192.8

DECEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	60.16	57.64	18.5	24	97	68	Calm	NE 1	9	10	------
2	59.32	57.66	20	22.6	95	98	Calm	N 1	10	10	21.9
3	57.60	57.71	21	26.3	98	82	swbyw1	Calm	10	9	2.6
4	59.43	57.16	22	29.4	97	70	Calm	Calm	10	6	1.8
5	58.57	56.67	22.4	26	96	84	Calm	Calm	10	9	1.8
6	58.01	56.78	22	28	96	75	Calm	Calm	8	9	3.3
7	58.40	56.91	22.4	29.1	97	71	Calm	Calm	10	4	3.8
8	58.01	56.21	23	28	97	77	NE 1	N 1	10	8	7.4
9	57.88	57.26	23.3	25.5	96	90	Calm	NE 1	9	9	24.9
10	58.57	56.86	22.5	30.5	96	63	Calm	Calm	10	6	.3
11	58.56	57.09	22.7	29	97	73	Calm	NNW 1	10	6	32
12	59.07	57.76	21	25.5	95	88	Calm	ENE 1	8	8	17.2
13	59.37	57.45	22.3	29	97	71	Calm	Calm	10	8	.3
14	58.76	57.08	22.2	29.2	97	66	Calm	Calm	7	8	1.3
15	58.09	56.49	22.9	28.6	98	73	Calm	Calm	10	8	.5
16	57.99	56.16	21.8	27.3	97	78	Calm	ENE 1	10	9	12.7
17	57.46	55.75	22.6	29.1	97	76	Calm	Calm	10	8	12.7
18	57.22	55.03	23	30.7	98	65	Calm	E 1	9	2	------
19	56.79	54.92	22.8	30.5	97	66	Calm	ESE 1	5	5	------
20	57.68	55.95	23	29.5	96	75	Calm	Calm	10	6	11.4
21	59.19	57.61	22.6	25.2	97	82	Calm	Calm	10	9	9.7
22	58.21	57.10	22.3	24.9	97	88	Calm	NNE 1	10	9	.8
23	58.40	56.65	21.5	28.3	95	68	Calm	Calm	9	8	3.8
24	57.73	56.72	22.4	26	96	87	Calm	Calm	10	10	10.5
25	58.61	57.46	21.9	28.9	96	69	Calm	Calm	8	9	.5
26	59.04	58.05	22	25.1	95	77	Calm	N 1	9	10	5.4
27	59.07	58.44	20.2	24	97	84	Calm	NNE 1	10	9	.5
28	60.55	59.73	20.4	23	91	79	Calm	NE 1	10	10	.3
29	60.21	58.29	19.7	24.4	97	78	Calm	Calm	10	10	3.8
30	58.40	56.94	20.7	23.3	96	89	Calm	Calm	10	10	32.8
31	58.60	56.93	21.1	26.5	97	80	Calm	Calm	10	7	3.8
Mean	58.55	57.05	21.8	27	96.4	76.9	0.1	0.4	9.4	8	------
Total	------	------	------	------	------	------	------	------	------	------	227.8

[a] The rainfall of the 9th in the "Monthly Bulletin" should be 6.1 mm. instead of 4.1 mm.
[b] The rainfall of the 17th in the "Monthly Bulletin" should be 24.9 mm. instead of 34.9 mm.

CANDON.

[ϕ=17° 12′ N; λ=120° 26′ E; barometer above sea, 6 meters; gravity correction not applied, —1.62 mm.]

JANUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	57.90	57.29?	24.5	29.2	92	83	Calm	WNW 1	4	7	------
2	56	54.22	23.9	29.1	90	84	Calm	SW 1	9	9	------
3	55.21	54.91	25.6	27.6	87	87	SSE 1	Calm	10	10	------
4	57.76	57.29	25.6	30	93	88?	Calm	NW 2	9	9	26.7
5	59.33	58.55	24.2	28.5	94	88	Calm	SW 1	1	8	3.3
6	59.44	59.25	23.5	28.2	93	88	Calm	SW 1	1	4	------
7	59.76	58.91	22.7	28.6	94	85	Calm	W 1	1	0	------
8	60.43	60.78	24.2	28.7	94	87	Calm	SW 1	2	4	2.3
9	62.11	60.81	24.4	28.8	92	90	Calm	SW 1	0	0	------
10	62.95	60.61	24.8	29	93	92?	Calm	NW 1	3	5	------
11	62.88	60.96	23	29	91	86	Calm	SW 1	0	9	------
12	61.71	60.05	22	29.5	89	85	Calm	WSW 1	3	4	------
13	60.58	59.63	24.2	30	83	82	NNE 2	SSW 1	4	8	------
14	59.85	58.44	23.2	29.5	87	81	Calm	NW 2	8	9	------
15	58	56.97	24	27.6	86	84	NNE 3	NNE 3	10	10	------
16	-----	57.45	22.1	27.4	87	72	NNE 3	NNE 3	10	4	------
17	59.85	58.29	20.4	27.5	79	68	NNE 3	NNE 2	3	2	------
18	61.11	59.49	18.9	27.4	83	72	NNE 2	NNE 2	4	7	------
19	61.50	59.98	19.4	27.5	85	77	Calm	NW 2	4	5	------
20	60.80	59.51	19.4	26	88	82	Calm	SW 1	3	9	------
21	60.03	58.89	20	27	88	73	Calm	W 1	8	5	------
22	59.18	57.52	19.4	27.8	88	79	Calm	NW 2	4	3	------
23	58.82	57.75	21.5	28.5	89	84	Calm	NW 1	10	8	------
24	58.99	57.09?	24.6	29.7	90	72	W 1	NNE 3	10	7	------
25	60.22	59.75	22	28.5	81	83	NNE 1	W 1	3	7	------
26	59.30	58.89	23	28.5	84	85	NNE 1	W 1	2	7	------
27	59.44	57.39	23.5	28.7	89	87	Calm	SW 1	7	8	------
28	58.53	57.15	24.5	28.5	87	88	Calm	SSW 1	9	10	------
29	57.45	56.56	24.5	29.5	87	77	NNE 1	SW 1	9	7	------
30	58.54	57.85	24	25.3	90	86	NNE 1	NNE 1	10	10	5.1
31	57.3(	56.93	22.1	25.5	96	86	Calm	WSW 1	10	9	1.3
Mean	59.50	58.36	22.9	28.3	88.7	82.6	0.6	1.4	5.4	6.6	------
Total	-----	-----	-----	-----	-----	-----	----------	----------	-----	-----	38.7

FEBRUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	57.35	56.53	20.7	28	97	82	Calm	N 1	4	3	------
2	57.55	56.66	23.5	27.2	90	90	NNE 1	SSW 1	9	10	2
3	56.59	56.83	24.2	26	94	92	Calm	SSW 1	8	10	19.3
4	56.95	56.47	24.5	27.4	97	87	Calm	SSW 1	10	5	12.7
5	58	57.44	21.5	27	95	90	Calm	NW 1	7	4	------
6	58.83	57.51	20.2	26.4	93	86	Calm	WNW 1	0	0	------
7	57.78	56.72	20.2	26.7	93	86	Calm	WNW 1	3	2	------
8	56.90	56.83	19.6	26.7	94	83	Calm	W 1	0	0	------
9	59.80	58.84	19.7	26.7	91	78	Calm	NW 1	0	0	------
10	60.97	59.56	21.2	28	91	85	Calm	NW 2	1	1	------
11	61.12	60.21	21.8	27.6	93	84	Calm	NW 1	0	4	------
12	60.58	59.08	23.8	26.5	92	82	Calm	NW 1	7	10	2.5
13	61.33	59.81	23.4	27.6	96	84	Calm	N 3	10	4	3.8
14	61.78	59.95	21.6	27.1	95	83	Calm	NNW 1	5	4	------
15	59.89	59.47	21.2	27.5	93	84	Calm	SW 1	0	3	------
16	60.71	59.26	22.2	28.5	93	86	Calm	W 1	2	3	------
17	60.17	58.49	24.2	29	93	86	Calm	NNW 1	4	3	------
18	58.66	57.39	23	29.2	93	86	Calm	NW 1	2	4	------
19	57.25	56.49	24.4	29.2	93	83	Calm	W 1	8	4	------
20	57.43	55.84	25	29.5	95	86	Calm	SW 1	10	9	3.3
21	57.58	56.71	24.5	28.7	95	90	Calm	NW 1	8	9	------
22	57.45	56.25	25	30	96	85	Calm	NNW 1	10	7	------
23	57.26	56.26	25.6	30	92	87	Calm	NW 1	10	7	------
24	57.51	56.71	25.2	29.4	93	81	Calm	W 1	3	4	------
25	58.13	57.54	24.5	29.5	96	83	Calm	NNW 1	2	3	------
26	58.48	56.58	25	29.5	93	81	Calm	W 1	10	9	------
27	58	56.59	23.7	29.2	93	87	Calm	W 1	2	4	------
28	58.62	57.73	25.4	29.7	90	84	Calm	NW 1	10	2	------
29	59.81	58.36	23.2	29.5	94	79	Calm	NW 3	1	0	------
Mean	58.71	57.66	23	28.2	93.6	84.8	0	1.2	5	4.4	------
Total	-----	-----	-----	-----	-----	-----	----------	----------	-----	-----	43.6

MARCH.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	59.86	58.09	22.4	29.1	85	78	Calm	NNW 3	2	3	------
2	59.50	58.11	22	28.5	84	75	NNE 1	W 2	4	2	------
3	60.14	57.96	21.5	28	73	66	Calm	SW 1	3	1	29.2
4	61.76	60.11	23.9	28	86	70	Calm	NW 2	10	9	2.5
5	60.43	58.35	22.5	29	85	67	Calm	NNE 1	9	7	------
6	59.64	57.72	22.4	29	79	61	NNE 1	WNW 1	8	4	------
7	58.26	57.03	23	29.5	91	66	Calm	SW 1	3	2	------
8	58.86	57.93	22.4	29.5	83	65	Calm	NNW 1	2	0	------
9	60.14	57.39	21	29.5	85	62	Calm	W 1	5	3	------
10	59.37	57.33	22.3	30	81	59	Calm	SW 1	4	5	------
11	58.83	56.79	22.2	29.5	85	59	Calm	S 1	4	6	------
12	59.66	58.43	23.1	29.6	82	67	Calm	W 1	0	2	------
13	60.68	58.92	23.5	30.7	83	63	Calm	NW 1	3	2	------
14	59.75	57.89	24.8	30	85	68	Calm	NW 1	4	5	------
15	58.79	56.88	24.5	29.9	83	69	Calm	NW 1	3	2	------
16	59.18	57.80	24	30	83	65	Calm	NW 1	3	2	------
17	59.90	58.75	23.6	30.4	82	70	Calm	SW 1	4	3	------
18	59.87	58.20	24.8	30.5	79	68	NNE 1	NW 1	8	2	------
19	59.47	57.56	26	30.5	82	63	Calm	SW 1	8	2	------
20	59.46	58.15	25.5	31	83	66	NNE 1	NNW 1	8	1	------
21	59.88	57.42?	24.5	31	83	64	Calm	NW 1	7	0	------
22	60.65	58.90	24	30.9	83	69	Calm	NNW 2	3	2	------
23	61.02	59.97	24.1	30.2	84	62	Calm	NW 2	5	3	3.8
24	62.20	60.69	24.7	29.5	82	64	Calm	NW 1	10	5	1.3
25	62.30	60.20	24.1	29.9	72	59	Calm	NW 1	10	2	------
26	61.78	60.38	23.6	30	82	69	Calm	W 1	3	7	------
27	61.40	60.14	24	30.1	85	68	Calm	SW 1	5	2	------
28	61.57	59.46	25.4	30.5	84	70	Calm	NNE 3	9	3	------
29	59.54	57.86	24	30	85	66	Calm	SW 2	3	8	------
30	59.07	57.36	24.7	30.3	81	63	Calm	SSW 1	3	4	------
31	58.83	57.03	26	31	79	62	Calm	NW 1	2	0	------
Mean	60.06	58.35	23.7	29.9	82.5	65.9	0.1	1.3	5	3.2	------
Total	-----	-----	-----	-----	-----	-----	----------	----------	-----	-----	36.8

APRIL.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	57.96	55.89	22.6	30.7	83	69	Calm	NW 1	2	1	------
2	57.52	57.62	24	30.2	83	68	Calm	SW 1	4	2	------
3	59.98	59.14	23	31.1	79	65	Calm	NW 1	1	0	------
4	60.10	59.30	22.5	30.8	83	64	Calm	SW 1	3	4	------
5	60.46	59.82	24.5	30.5	73	60	Calm	NW 1	9	9	------
6	61.41	60.34	24.7	30	70	62	Calm	W 1	8	5	------
7	62.49	61.18	25.5	30.7	80	65	Calm	WNW 1	8	5	------
8	62.27	59.88	25.2	30.5	79	66	Calm	WNW 1	3	2	------
9	60.81	59.64	24.9	31.4	81	66	Calm	WNW 1	1	0	------
10	60.83	59.60	24.5	30.7	83	67	Calm	W 1	1	2	------
11	60.66	58.90	24.9	31	84	62	Calm	SW 1	0	2	------
12	60.92	59.82	24	31.5	79	64	Calm	W 1	1	2	------
13	60.46	59.55	24.7	30.8	83	70	Calm	SW 1	1	2	------
14	60.03	59.49	24.6	31	82	59	Calm	W 1	3	0	------
15	58.94	57.84	24.4	31	80	60	Calm	NNW 1	4	3	------
16	58.76	57.39	25.5	31	84	69	Calm	W 1	4	2	------
17	57.86	55.90	25.8	31	83	64	Calm	WNW 1	8	9	------
18	56.19	54.78	26	31.9	85	70	Calm	W 1	8	8	------
19	56.05	55.44	25	31.1	82	67	Calm	SSW 2	1	2	------
20	56.69	55.50	24.5	30.5	82	66	Calm	SW 1	0	1	------
21	56.27	55.65	25	30.8	80	67	Calm	WNW 1	0	2	------
22	56.79	55.74	25	31.5	82	65	Calm	NNW 2	0	0	------
23	56.02	55.03	24.6	31	82	65	NNE 1	W 1	0	1	------
24	56.28	54.98	24.5	31.7	83	63	Calm	WNW 1	2	2	------
25	57.21	55.53	25.7	32.2	84	63	Calm	NNW 2	4	3	------
26	58.68	57.79	24.7	31.2	82	66	Calm	W 1	4	2	------
27	58.56	57.04	25.6	31.8	81	62	Calm	W 1	0	0	------
28	58.81	57.38	25.6	31.7	81	66	Calm	SSW 1	0	0	------
29	58.01	57.09	25.5	31.6	77	66	Calm	SW 1	2	4	19.8
30	58.83	57.44	24.5	31.4	85	68	Calm	NNE 1	1	0	------
Mean	58.86	57.69	24.7	31.1	81.2	65.1	0	1.1	2.8	2.5	------
Total	-----	-----	-----	-----	-----	-----	----------	----------	-----	-----	19.8

CANDON.

[ϕ=17° 12′ N; λ=120° 26′ E; barometer above sea, 6 meters; gravity correction not applied, —1.62 mm.]

MAY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	58.79	57.79	25.4	31.5	80	70	Calm	W 1	1	8	17
2	58.21	56.25	23.5	31	89	68	Calm	SSW 1	0	3	------
3	57.62	56.12	25	31.6	85	59	N	1 NNW 1	8	7	------
4	57.48	56.98	24.6	31.8	79	62	Calm	NW 1	9	3	------
5	57.18	56.92	25.5	31.6	80	65	Calm	W 1	2	4	------
6	57.98	57.17	25.5	32	78	60	Calm	NNW 1	1	2	------
7	57.19	56.54	25.4	31.4	82	66	Calm	SW 1	5	4	------
8	58.37	57.44	26.6	31.5	81	66	Calm	WNW 1	3	3	------
9	59.13	58.07	26.5	31.8	83	64	Calm	W 1	8	2	------
10	58.64	57.18	26	31.6	84	65	Calm	SSW 1	0	1	------
11	57.39	56.52	26	31.7	82	68	Calm	W 1	5	3	------
12	57.51	57.13	27.5	31.2	81	66	Calm	SW 1	10	8	------
13	57.26	56.51	26.7	30	82	74	Calm	SW 4	10	10	55.6
14	56.84	56.03	24.6	29.1	91	77	Calm	SW 2	9	8	5.8
15	56.25	55.25	25.2	30.7	90	70	Calm	NW 1	9	4	------
16	58.23	58.02	26	30.7	85	74	NNE	1 W 1	4	8	33.5
17	59.22	58.45	24.9	30	92	76	Calm	W 1	9	4	------
18	58.96	57.10	25.5	31	92	75	Calm	W 1	0	3	------
19	57.76	56.38	25.7	31	83	70	Calm	W 1	8	4	3.3
20	57.67	57.15	26.5	31	91	76	Calm	SW 1	8	8	------
21	57.36	56.53	26.5	31.5	88	72	Calm	W 1	9	5	4.6
22	57.52	56.48	25	31.5	89	69	Calm	Calm	9	7	------
23	57.81	56.48	25.5	31.2	88	74	Calm	W 1	6	8	------
24	57.67	57.14	25.5	31.4	88	73	Calm	W 1	3	2	------
25	58.19	56.53	26	31.7	88	69	Calm	W 1	1	3	------
26	57.83	55.96	27	32	90	74	NNE	1 SW 1	4	2	------
27	56.70	54.55	27.2	32.4	90	71	Calm	SW 1	1	4	------
28	55.71	54.77	27.5	32.1	88	70	Calm	SW 1	5	3	1.3
29	55.52	55.22	26.4	31.5	87	72	Calm	W 1	9	4	9.9
30	58.06	57.19	25.7	30	90	73	Calm	SW 1	10	9	------
31	57.57	56.74	26.5	31.5	92	65	Calm	SW 1	8	3	------
Mean	57.67	56.66	25.9	31.3	86.2	69.5	0.1	1.1	5.6	4.7	------
Total	------	------	------	------	------	------	------	------	------	------	131

JUNE.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	57.44	56.18	26.2	32	86	72	NNE	1 SW 1	5	8	3.8
2	56.56	55.44	25.6	31.5	87	70	Calm	SW 1	3	7	10.2
3	57.71	57.44?	25.8	31	89	72	Calm	SW 1	8	4	------
4	56.58	56.28	26.5	31.5	88	78	Calm	W 1	6	8	10.4
5	56.57	55.54	25.6	31	93	80	Calm	W 1	4	8	------
6	56.28	54.41	26	31.6	93	77	Calm	SW 1	6	5	------
7	55.72	54.15	25.5	31.5	85	70	Calm	NW 1	3	4	------
8	55.37	53.99	26.7	30.1	91	81	Calm	SW 1	7	9	1.3
9	55.06	53.54	26.5	31.5	94	77	Calm	W 1	10	7	35.1
10	55.68	54.05	26	29.9	93	79	Calm	Calm	9	10	------
11	54.96	52.89	26.6	30.2	92	77	NNE	1 SW 1	10	5	37.3
12	52.58	52.27	25.7	28.5	94	88	Calm	S 2	10	10	1.3
13	51.73	51.34	25.9	30.5	93	82	Calm	SSW 4	9	10	1.5
14	52.82	53.29	26.5	30.6	88	78	Calm	S 4	8	7	7.1
15	53.73	53.03	26	31	94	79	Calm	SSW 1	8	9	------
16	53.59	53.40	27.2	29.9	88	80	S	1 S 3	10	10	10.2
17	54.32	53.84	25.8	30.1	93	87	Calm	SW 1	10	9	4.3
18	55.49	55.66	26.1	30.5	93	82	E	1 SSW 1	10	9	------
19	56.57	55.76	26.8	29.6	91	88	Calm	SW 1	10	9	12.7
20	55.79	54.54	25.4	29.5	95	81	Calm	SW 1	9	8	3.8
21	55.21	54.51	25.5	30.1	89	81	Calm	SW 4	9	8	1.3
22	56.32	56.02	25.1	26.6	91	87	Calm	S 1	10	10	1
23	57.22	57.12	24.5	29.2	92	70	Calm	SW 1	10	10	5.1
24	58.38	58.81	24.7	29.9	90	79	Calm	Calm	8	8	------
25	60.29	59.34	25.5	30.5	88	70	Calm	SW 1	7	8	------
26	59.16	58.19	25.5	31	84	65	Calm	W 1	4	3	------
27	58.13	57.15	26.7	31	83	72	Calm	SW 2	7	8	5.3
28	58.29	57.90	25.4	30.7	84	72	Calm	SW 1	4	3	------
29	59.51	58.54	27	31	86	69	Calm	SW 1	8	4	3.8
30	58.61	57.10	25.2	30.5	87	75	Calm	WSW 1	10	6	------
31	------	------	------	------	------	------	------	------	------	------	------
Mean	56.19	55.39	25.9	30.4	89.8	77.3	0.1	1.4	7.7	7.5	------
Total	------	------	------	------	------	------	------	------	------	------	155.5

JULY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	57.29	56.50	25.5	30.5	86	73	Calm	W 1	7	4	7.1
2	57.29	57.35	25.4	30	86	74	Calm	SW 1	6	3	------
3	57.73	57.10	26.5	30.5	88	75	Calm	SSW 1	4	7	------
4	56.99	56.34	25.2	30	87	77	Calm	SW 1	5	10	4.6
5	57.76	57.04	25.4	31.4	89	66	NNE	1 SW 1	4	8	5.1
6	59.08	58.56	26.6	29.9	84	71	N	1 SSW 1	9	9	2.8
7	59.37	58.15	25.6	31.5	84	63	Calm	NW 1	8	3	------
8	58.38	57.30	26.7	30.7	83	70	Calm	SW 1	4	8	------
9	57.86	57.14	25.3	31.5	85	63	Calm	W 1	4	6	------
10	58.48	58.08	25.4	31.9	80	64	Calm	NW 1	3	4	11.2
11	58.38	58.12	24.7	30.5	87	68	Calm	SW 1	2	3	------
12	58.35	58.24	25	30.5	81	72	Calm	SW 1	2	6	1.3
13	59.04	57.64?	23.5	30.6	87	71	Calm	NW 1	2	4	5.6
14	58.30	58.02	25.2	31	86	72	Calm	W 1	5	3	4.6
15	57.89	57.70	25.5	31	85	72	Calm	W 1	8	9	1.3
16	58.18	56.80	24	31	86	69	Calm	W 1	2	4	14.7
17	57.08	56.60	24.4	30.7	88	70	Calm	SW 1	5	8	------
18	56.89	56.63	26.4	28.5	86	85	Calm	SE 1	4	9	12.7
19	57.34	56.46	24.5	29	91	78	Calm	Calm	9	8	1
20	57.66	56.26	25.7	29.7	90	78	Calm	W 1	9	8	4.3
21	56.86	56.10	25.8	30.2	89	78	Calm	W 1	3	9	------
22	55.83	54.66	26.2	30	88	76	Calm	Calm	2	9	------
23	54.96	53.97	26.5	31	88	74	Calm	W 1	4	5	------
24	54.87	55.33	26	30.5	88	75	Calm	SSW 1	9	10	9.7
25	56.15	56.03	24.7	29.5	90	79	Calm	SW 1	5	9	3.8
26	56.23	55.34	24.3	29.1	89	81	Calm	SW 1	3	8	33.5
27	55.25	54.53	25.2	30	92	77	Calm	SW 4	10	9	4.6
28	55.96	55.24	25.5	29.5	92	77	Calm	SW 1	10	3	1.5
29	55.48	55.02	26.4	30.5	89	76	Calm	SW 1	5	4	5.3
30	56.07	55.30	26	30.7	89	76	Calm	SW 1	3	5	4.8
31	56.53	55.29	23.7	31	91	79	Calm	SW 1	7	3	4.8
Mean	57.21	56.54	25.5	30.4	87.2	73.5	0.1	1	5.3	6.4	------
Total	------	------	------	------	------	------	------	------	------	------	144.3

AUGUST.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	57.07	56.44	26.5	31	88	76	Calm	W 1	4	5	9.9
2	57.74	56.66	25.6	30.1	91	80	Calm	SW 1	10	9	2.3
3	57.89	56.88	26.3	30.2	90	81	Calm	SW 1	10	8	------
4	58.12	57.81	25.5	29.8	93	81	Calm	W 3	9	10	15
5	57.18	56.69	24.7	29.2	92	75	Calm	SW 3	9	8	58.2
6	57.54	55.99	25	29.2	89	76	Calm	SSW 3	10	9	35.3
7	57.28	57.19	25	28.4	89	82	Calm	SSW 1	10	10	10.7
8	57.42	56.61	25.2	28.5	90	85	SSE	1 SSW 2	10	10	57.1
9	55.76	54.88	25.8	26.4	95	93	S	2 S 3	10	10	411.7
10	53.47	53.30	24.5	24.8	95	98	Calm	S 2	10	10	577.8
11	52.44	51.95	25.2	25.5	96	96	S	2 S 1	10	10	209.1
12	51.81	51.88	25.8	27	94	94	S	2 S 2	10	10	139.7
13	53.13	53.71	26.1	25.5	95	96	S	1 SSE 1	10	10	203.2
14	55.24	56.32	25.4	26.5	94	90	Calm	SW 1	10	10	34.6
15	58.15	57.79	25.2	29	92	85	SSE	1 SW 1	10	10	4.3
16	58.16	57.19	26.1	28.5	90	84	Calm	SSW 2	9	9	15.7
17	56.85	56.13	25	27	88	82	Calm	SW 2	10	10	44
18	56.18	56.32	25.4	26.8	78	82	SSW	1 SSW 1	10	10	28.4
19	56.51	55.96	25.7	28.5	81	81	Calm	SW 2	10	10	43.4
20	56.88	56.98	24.7	26	86	85	Calm	SSW 1	10	10	24.9
21	57.35	57.11	24	30.2	91	71	Calm	SSW 1	10	9	------
22	59.21	58.11	25	30	88	74	Calm	SW 1	8	7	------
23	58.73	56.96	25	29.8	88	75	Calm	W 1	10	5	------
24	56.81	56.46	26	30.1	88	71	Calm	SW 1	4	5	6.6
25	56.63	57.58	25	30.1	87	75	Calm	W 1	6	7	1.5
26	58.82	58.11	25.5	30.7	85	71	Calm	W 1	5	3	------
27	58.27	57.50	24.5	30.5	86	66	Calm	W 1	4	3	------
28	57.98	57.39	26.5	30.5	86	75	Calm	W 1	2	4	1
29	57.02	57.24	24	30.4	86	72	Calm	W 1	2	3	------
30	57.16	57.12	25.6	31	87	69	Calm	SSW 1	6	7	6.6
31	59.48	58.06	24.5	30.5	86	70	Calm	W 1	3	4	------
Mean	56.85	56.40	25.3	28.8	89.2	80.4	0.3	1.5	8.1	7.9	------
Total	------	------	------	------	------	------	------	------	------	------	1,941

CANDON.

[ϕ=17° 12′ N; λ=120° 26′ E; barometer above sea, 6 meters; gravity correction not applied, —1.62 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.		Wind, direction and force (0–12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*					*0–10.*	*0–10.*	*mm.*
1	59.52	58.26	25.2	29.5	85	81	Calm		Calm		8	10	3.8
2	58.17	56.11	24.6	29.4	87	76	NNE	1	W	1	8	9	11.4
3	55.27	53.24	26	30	92	82	Calm		SW	1	7	9	19.8
4	50.80	-----	25.5	25.8	91	89	S	3	SW	2	10	10	161.3
5	52.31	54.94	24.7	24.5	87	92	S	4	S	2	10	10	90.9
6	55.52	54.91	23.6	29.9	92	79	Calm		S	1	8	5	-----
7	57.36	56.88	25.5	30	88	75	N	1	SSW	1	9	9	2.5
8	57.49	57.49	24.2	29.1	86	77	NNE	1	NW	1	4	8	2.5
9	57.23	56.09	24.7	29	90	80	Calm		SSW	1	9	9	1
10	57.81	56.53	25.5	29.6	88	74	Calm		SSW	1	6	9	-----
11	57.89	56.61	26	30.5	88	75	Calm		NW	1	9	4	-----
12	59.08	57.88	26.2	29.8	90	77	N	1	SW	1	9	9	6.1
13	57.96	57.16	25	29.7	88	73	Calm		NW	1	8	5	-----
14	56.98	55.78	26	29.2	88	76	Calm		Calm		10	10	1.3
15	54.78	54.96	26.8	29	90	84	Calm		Calm		9	10	9.7
16	56.95	55.93	24.8	29.6	92	77	Calm		W	1	7	9	52.1
17	57.50	56.30	25	29.2	88	76	Calm		NW	1	9	7	-----
18	55.98	55.45	24.5	29.2	87	72	Calm		W	1	8	6	-----
19	56.07	55.76	24.5	29.8	87	71	NE	1	W	1	5	6	-----
20	56.91	56.10	24.7	30.6	87	72	Calm		SW	1	3	5	-----
21	56.09	55.22	26	31	85	72	Calm		W	1	10	8	-----
22	54.96	53.14	26.6	31	89	76	Calm		NNW	2	10	8	-----
23	52.82	51.24	25.9	30	88	78	NNE	1	SSW	1	10	10	31.5
24	50.52	49.03	26.7	29	84	81	Calm		SSW	1	10	10	9.2
25	49.64	50.94	26.4	26	89	90	SSE	1	S	1	10	10	12.2
26	53.05	52.95	25.7	30.2	84	74	ESE	1	SW	3	10	10	-----
27	55.41	55.11	25.9	23.5	88	78	Calm		SW	1	10	9	5.6
28	56.11	56.77	25.2	23.5	90	86	N	1	S	1	10	10	7.1
29	55.78	54.51	24.6	23.4	91	85	Calm		NNW	1	5	10	1.3
30	56.02	55.79	25.4	29	90	77	Calm		SW	1	5	3	-----
31	-----	-----	-----	-----	-----	-----	-----		-----		-----	-----	-----
Mean	55.73	55.21	25.4	29.1	83.3	78.5	0.5		1.1		8	8.2	-----
Total	-----	-----	-----	-----	-----	-----	-----		-----		-----	-----	429.8

OCTOBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.		Wind, direction and force (0–12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*					*0–10.*	*0–10.*	*mm.*
1	57.86	57.15	25.5	30	89	75	Calm		NW	1	3	2	-----
2	58.41	56.96	25.5	30.5	88	72	Calm		NW	1	4	6	-----
3	58.16	56.63	25.5	30	89	71	Calm		NW	1	8	9	2
4	58.43	57.41	25	28	92	85	Calm		NW	1	10	10	26
5	58.49	57.22	24	27.5	91	78	NNE	1	Calm		10	10	12
6	57.54	55.85	24.5	28.5	91	78	Calm		SW	1	10	10	24.1
7	57.01	56.24	23.4	29.2	90	76	Calm		NW	1	4	9	-----
8	57.88	56.69	24.5	29	89	81	NNE	1	Calm		8	10	-----
9	57.83	57.07	24.7	27.6	91	86	Calm		Calm		10	10	5.1
10	57.15	57.08	25	24.9	91	92	S	1	SSW	2	10	10	89.4
11	58.72	57.47	24	28.2	91	76	Calm		SW	1	10	10	10.2
12	58.41	56.89	24.2	29.5	91	79	Calm		WNW	1	9	8	-----
13	58.48	57.34	24.7	30	86	75	NNE	1	Calm		4	5	-----
14	58.12	56.78	25.5	30.1	88	77	Calm		W	1	7	8	-----
15	57.15	56.03	24.5	30	89	76	Calm		SSW	1	6	4	-----
16	56.03	54.70	25.7	28.8	89	80	Calm		SW	1	4	7	7.6
17	55.99	54.71	25.6	27.6	90	89	Calm		S	2	9	10	34
18	57.02	55.69	24.6	28.6	92	84	Calm		Calm		10	10	12.2
19	56.52	55.95	25	29	92	83	Calm		NW	1	10	10	-----
20	56.78	55.83	24.8	29.7	87	79	N	1	NW	1	9	8	-----
21	58.12	57.86	24.6	29.5	91	83	Calm		WNW	1	4	8	-----
22	57.51	56.95	25.5	28.8	92	82	Calm		SW	1	9	8	-----
23	58.16	56.89	25.7	28.5	88	85	Calm		W	1	4	10	11.2
24	58.71	57.58	25.6	30.1	90	75	Calm		NW	1	7	2	2
25	58.66	57.63	25.5	29.5	89	81	Calm		SW	1	1	10	-----
26	60.50	58.58	24.8	30	88	75	Calm		SW	1	3	2	-----
27	60.18	57.86	24.2	29.9	87	72	Calm		W	1	1	3	-----
28	58.24	56.91	23.7	30	85	73	Calm		W	1	1	4	-----
29	58.98	58.01	24.5	30	85	68	Calm		W	1	0	2	-----
30	59.65	57.76	23.7	30.5	85	71	Calm		SW	1	2	1	-----
31	58.23	55.60	23.5	30.8	83	63	Calm		NW	2	3	2	-----
Mean	58.03	56.82	24.8	29.2	89	78.1	0.2		0.9		6.1	7	-----
Total	-----	-----	-----	-----	-----	-----	-----		-----		-----	-----	235.8

NOVEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.		Wind, direction and force (0–12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*					*0–10.*	*0–10.*	*mm.*
1	56.58	54.93	24.7	29.9	83	70	Calm		SW	1	1	2	-----
2	56.62	55.46	25	30.2	83	71	Calm		W	1	3	4	-----
3	57.84	56.99	24.2	30.4	86	73	N	1	NW	1	7	6	-----
4	58.79	56.24	25	30.5	87	72	N	1	SW	1	8	4	-----
5	57.48	55.80	25	30	83	65	Calm		NW	1	1	2	-----
6	56.98	55.70	23.7	30	85	67	Calm		NW	1	2	4	-----
7	57.07	55.38	24.2	29.7	85	65	Calm		NW	3	7	4	-----
8	56.44	56.34	24	29.5	86	67	Calm		W	1	7	4	-----
9	58.08	57.30	24.6	29.6	84	70	Calm		W	1	2	10	-----
10	58.98	57.60	25	30	81	65	Calm		NW	1	7	2	-----
11	58.33	57.56	22.9	29.7	75	61	NE	1	SW	1	6	4	-----
12	59.53	57.81	22.6	30.4	78	60	Calm		S	1	3	4	-----
13	-----	58.59	22.5	30.5	71	59	NNE	1	SW	1	0	0	-----
14	59.82	57.53	22	30	70	65	N	1	SW	1	3	2	1
15	58.73	56.34	24	28.7	81	64	NNE	2	N	3	9	10	-----
16	56.78	53.99	23.6	29.4	78	71	Calm		N	3	8	2	-----
17	56.34	54.36	23	29.7	84	73	Calm		NW	2	3	7	1.3
18	58.54	55.73	25.2	29.5	86	75	Calm		NW	2	10	6	-----
19	58.35	56.53	24.4	29.9	88	73	Calm		NW	1	7	6	-----
20	57.69	56.50	25.2	29.5	86	75	Calm		SW	1	2	8	1.8
21	57.82	57.13	25.3	29.5	86	72	Calm		S	1	9	9	5.3
22	58.44	57.51	23.7	29.4	90	74	Calm		W	1	3	9	11.4
23	57.97	57.46	25	27.9	90	82	Calm		SW	1	10	10	-----
24	58.00	57.33	24.5	29	89	74	Calm		W	1	10	9	-----
25	57.70	55.80	23.2	29.5	90	75	N	1	SW	1	5	4	-----
26	56.04	54.10	24	30	85	73	Calm		S	1	2	1	-----
27	55.35	54.75	23.8	29.2	82	64	Calm		NNE	3	3	9	-----
28	56.47	-----	24	30.4	83	60	Calm		NW	3	4	2	-----
29	56.287	55.71	22	28.2	78	63	N	1	NW	4	1	2	-----
30	58.77	57.45	21	28	66	65	NNW	3	N	3	10	10	-----
31	-----	-----	-----	-----	-----	-----	-----		-----		-----	-----	-----
Mean	57.65	56.34	23.9	29.0	82.6	68.8	0.4		1.6		5.1	5.2	-----
Total	-----	-----	-----	-----	-----	-----	-----		-----		-----	-----	20.8

DECEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.		Wind, direction and force (0–12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*					*0–10.*	*0–10.*	*mm.*
1	58.76	-----	21.4	28.8	75	63	N	2	NW	3	8	9	-----
2	58.27	-----	21.5	28.7	74	63	N	2	NW	3	10	9	-----
3	57.70	57.71	24.5	28	78	75	Calm		S	2	10	10	-----
4	58.43	57.15	23.4	29	84	74	Calm		WNW	1	3	2	-----
5	57.66	56.99	22.7	29.5	85	71	Calm		W	1	0	2	-----
6	57.66	56.23	22.8	29.6	86	71	Calm		W	1	2	1	-----
7	57.66	56.49	22.9	29.5	85	64	Calm		SW	1	2	0	-----
8	57.74	55.40	23	30.5	86	70	Calm		NW	2	2	3	-----
9	57.68	56.61	24.6	29.4	82	74	Calm		NW	2	7	9	4.1
10	58.03	56.72	24	29.5	88	74	Calm		WNW	1	10	3	-----
11	58	56.71	23.5	29.2	87	68	Calm		WNW	1	5	3	-----
12	57.88	56.49	24.5	29.5	87	71	Calm		S	1	9	9	-----
13	58.65	57.23	24	29.6	86	69	Calm		NNW	1	10	3	-----
14	58.34	56.86	24	30	87	69	Calm		W	1	4	2	-----
15	57.30	55.79	23.5	29.5	85	69	Calm		SW	1	3	4	-----
16	56.86	54.83	23.4	29.4	83	74	Calm		SW	1	5	9	-----
17	56.83	55.33	25	29.9	85	69	Calm		SW	1	9	8	-----
18	56.88	56.28	24.5	30.2	87	74	Calm		W	1	9	8	-----
19	56.85	55.16	24.6	30.2	87	71	Calm		W	1	4	8	-----
20	56.82	55.51	25	30.5	85	71	Calm		WNW	1	4	5	1.5
21	58.56	56.69	25.6	29.5	88	70	Calm		SW	1	9	9	-----
22	57.33	56.35	23.3	28.5	88	78	Calm		WSW	1	3	9	1.5
23	57.30	56.25	23.5	29	87	68	Calm		W	1	4	0	-----
24	57.20	56.09	23.5	29.5	87	69	Calm		SW	1	2	4	1.8
25	58.73	57.29	24.5	29	89	76	Calm		NW	1	9	10	-----
26	58.05	55.98	23.2	30.4	86	64	Calm		SW	1	5	4	-----
27	57.98	55.86	23.4	30.2	87	64	NNE	2	SW	1	6	5	-----
28	58.38	56.53	23.4	30.2	87	60	NNE	1	SSW	1	6	7	-----
29	57.95	56.49	22.7	28	74	70	Calm		SSW	1	10	10	-----
30	57.45	56.72	24	27.7	83	70	Calm		NW	1	10	10	1
31	57.85	55.75	24	23.7	82	64	Calm		SW	1	10	6	-----
Mean	57.77	56.26	23.7	29.4	83.2	69.6	0.2		1.2		6.1	5.8	-----
Total	-----	-----	-----	-----	-----	-----	-----		-----		-----	-----	9.9

LAOAG.[a]

[ϕ=18° 12′ N; λ=120° 35′ E; barometer above sea, 9.5 meters; gravity correction not applied, −1.55 mm.]

JANUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	58.53	56.05	23.3	32.6	97	61	Calm	NNW 2	1	2	------
2	56.99	54.80	23	32.7	98	59	ENE 1	ENE 2	2	3	2
3	55.68	55.53	25.1	27.2	96	92	Calm	NNE 3	10	10	1.5
4	57.24	57.36	23.9	30.3	96	70	Calm	NNW 3	10	7	------
5	59.29	58.50	23.9	32.1	96	64	Calm	NW 4	3	4	28.4
6	59.98	59.07	22.7	30.2	96	74	Calm	NW 3	1	3	------
7	60.29	58.98	22.6	28.4	98	82	Calm	NW 3	1	7	------
8	61.01	60.46	23	30.3	98	71	Calm	NW 3	1	1	------
9	61.51	60.37	23.3	31.3	97	66	Calm	NW 2	0	2	------
10	61.99	61.05	23.1	31.2	97	68	Calm	NW 2	0	2	------
11	62.87	61.26	22.6	31.7	98	68	Calm	NNE 3	0	3	------
12	62.34	61.10	23	30.5	98	68	NNE 1	NNE 4	0	2	------
13	61.98	60.60	20.4	31.2	99	68	Calm	NNE 4	0	1	------
14	61.52	58.96	19.3	33.1	99	59	Calm	ENE 3	0	3	------
15	60.01	59.38	23.5	26	97	95	NNE 3	NNE 5	10	10	------
16	60.02	60.29	22.2	25.9	98	94	N 4	NNE 4	6	3	------
17	61.13	59.75	19.5	27	99	94	NNE 4	NE 4	1	1	------
18	62.85	60.19	14.7	28.5	100	60	Calm	NE 4	0	4	------
19	62.49	60.82	19.2	28.1	94	67	Calm	NE 4	0	3	------
20	62	59.91	15	30.1	99	62	Calm	ESE 3	0	4	------
21	61.12	59.40	15.2	28.5	99	67	Calm	NNW 4	2	3	------
22	60.33	57.87	16.4	29	99	63	Calm	NNW 4	2	3	------
23	59.92	58.01	20.2	31.2	98	68	Calm	NNW 4	1	4	------
24	60.62	58.98	21.6	27.7	87	72	N 4	NNE 5	10	2	------
25	60.44	59.08	21.9	33	96	61	Calm	E 3	3	3	------
26	60.01	58.37	20	34.5	96	58	Calm	ENE 3	2	1	------
27	59.75	57.01	20.4	35.1	98	56	Calm	E 2	1	2	------
28	58.29	56?	25.5	34	83	60	E 1	E 2	10	4	------
29	58.01	56.05	23.5	33.4	90	62	E 1	E 2	10	6	.8
30	58.51	57.99	23.1	26.6	92	80	E 1	Calm	10	10	2.8
31	58.21	57.12	21.5	29	95	68	E 1	SW 1	10	6	2
Mean	60.16	58.73	21.4	30.3	96.2	69.4	0.7	3.1	3.5	3.8	------
Total	------	------	------	------	------	------	------	------	------	------	37

FEBRUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	58.25	56.36	21.9	29.5	87	69	NNE 3	NNE 4	6	2	------
2	57.71	56.42	21.5	30.7	91	70	Calm	WNW 3	1	3	6.1
3	57.20	56.95	22	24.1	93	96	Calm	NNE 2	10	10	3.1
4	57.19	56.12	22.3	29	97	81	Calm	NW 3	10	3	------
5	58.41	57.12	20.1	28.7	93	81	Calm	SW 2	0	3	------
6	59.38	57.44	19.5	28	98	83	Calm	WSW 3	0	2	------
7	58.47	56.54	19.2	29.4	98	79	Calm	WSW 3	0	3	------
8	57.77	56.96	18.5	28.6	99	82	Calm	SW 2	0	2	------
9	59.58	58.95	18.5	28.1	99	84	Calm	W 2	0	3	------
10	60.79	58 43?	19.5	29	98	69	Calm	NNW 3	0	6	------
11	60.85	58.83?	19.2	29.5	98	69	Calm	NNE 4	0	3	------
12	60.18	58.25?	19.7	32.6	97	55	Calm	NNE 3	0	4	3
13	61.08	60.49	21.9	26.8	92	84	NNE 3	NNE 5	6	3	------
14	62.02	60.01	20.5	30	97	61	NNE 3	N 5	2	3	------
15	61.59	59.02	19.7	31.5	98	63	Calm	N 4	0	0	------
16	61.63	58.51	19.7	33.1	99	57	Calm	NNE 3	0	3	------
17	61.20	58.57	20.3	32.5	97	59	Calm	NNW 3	1	3	------
18	60.01	57.62	21.9	31.7	92	66	Calm	E 3	0	5	------
19	59	56.35	20.8	31.8	98	61	Calm	NE 4	1	4	------
20	58.39	56.73	23.2	31.1	98	66	Calm	NNW 2	6	3	------
21	58.31	56.82	23.3	30.5	97	67	Calm	N 4	7	6	------
22	58.29	56.56	23	32.1	97	62	Calm	W 3	3	4	------
23	57.99	56.43	21.9	31.6	92	63	Calm	NW 3	6	3	------
24	58.46	57.06	22	31	96	64	Calm	NW 4	2	3	------
25	58.94	57.02	23	32.1	95	62	Calm	NW 4	1	2	------
26	58.94	56.86	24.3	32.6	97	58	Calm	NW 3	6	2	------
27	58.84	56.72	24.2	32.5	95	56	Calm	N 4	6	2	------
28	58.98	57.78	23.9	32.8	96	56	Calm	W 3	7	2	------
29	60.61	58.46	23	31.2	97	60	Calm	NNW 4	6	2	------
Mean	59.31	57.56	21.3	30.4	95.9	68.4	0.3	3.8	3	3.8	------
Total	------	------	------	------	------	------	------	------	------	------	17.2

MARCH.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	61.08	58.27	22.3	30	97	73	NNE 1	N 4	7	4	------
2	61	58.32	20.1	31.6	97	65	Calm	NE 3	3	4	------
3	60.61	58.36	19.2	29.7	99	71	Calm	WNW 3	0	2	6.6
4	61.73	60	22	30.1	96	69	Calm	NW 3	10	3	------
5	61.30	58.50	20	31.3	97	59	NNE 2	NNE 4	3	2	------
6	60.67	57.16	17.5	31.4	100	60	Calm	NNW 3	0	2	------
7	58.48	57.17	21.8	31.1	98	59	Calm	NW 3	3	4	------
8	59.23	57.69	19.2	32.5	98	53	Calm	NW 3	1	0	------
9	60.38	57.97	20	32.1	98	62	Calm	NW 3	0	1	------
10	60	57.46	20.3	32.6	97	55	Calm	W 3	0	1	------
11	59.91	56.56	22.3	32.4	97	54	Calm	NW 3	0	1	------
12	60.10	58.33	20	32.6	97	54	Calm	NW 3	0	0	------
13	61.02	59.06	22	32	96	59	Calm	NW 3	4	2	------
14	60.25	57.38	21.8	34	98	52	Calm	NNW 3	3	3	------
15	58.99	56.29	24.5	33.7	96	53	Calm	N 4	5	0	------
16	59.30	57.24	23.3	34	97	52	Calm	NNW 4	3	3	------
17	60.10	57.99	22	34.5	96	53	Calm	NW 4	0	0	------
18	60.04	57.95	24.2	33.6	96	55	Calm	NW 3	6	0	------
19	59.49	58.07	24.5	32.4	96	59	Calm	NW 4	3	1	------
20	59.60	58.69	23	32.1	97	60	Calm	NNW 3	6	1	------
21	59.99	58.64	22.7	32.3	96	57	Calm	NNW 4	5	1	------
22	61.08	59	23.3	33.1	97	57	Calm	NNW 4	4	0	------
23	61.04	59.98	24.2	33.2	95	54	Calm	NNE 5	6	0	------
24	62.08	60.34	25	34.6	93	47	Calm	ESE 3	7	1	------
25	62.08	59.90	22.3	33	92	53	Calm	NNW 3	7	1	------
26	61.94	60.47	22.3	31.5	97	57	Calm	NNW 4	4	1	------
27	61.43	60.12	22.4	33.5	96	54	Calm	NW 3	5	0	------
28	61.54	59.90	24.2	31.1	95	59	Calm	NNW 4	2	0	------
29	60	57.89	22.3	32.6	97	56	Calm	NW 3	3	1	------
30	59.69	57.51	24.2	33.3	95	55	Calm	W 4	0	0	------
31	59.32	57.21	24	33.1	91	51	Calm	WNW 4	10	0	------
Mean	60.44	58.37	22.3	32.4	96.3	57.3	0.1	3.5	3.5	1.8	------
Total	------	------	------	------	------	------	------	------	------	------	6.6

APRIL.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	59	56.06	23	33.6	97	55	Calm	NNW 3	5	0	------
2	58.80	57	22.5	33.7	97	55	Calm	NW 3	1	0	------
3	60.31	59.35	22.9	33.5	94	53	Calm	NNW 4	5	0	------
4	60.97	58.75	24.6	32.1	95	57	Calm	NNE 5	2	0	------
5	61.42	59.46	23.8	33.6	95	51	Calm	NE 4	2	0	------
6	61.86	59.90	23.4	35.7	97	41	Calm	NNW 3	6	3	------
7	62.01	60.31	23.9	34.2	92	43	Calm	NW 3	6	3	------
8	62.12	60.09	23	32.8	93	53	Calm	NNW 2	3	0	------
9	61.11	59	23.5	33.3	96	52	Calm	NNW 4	2	0	------
10	61.02	59.44	23.4	33	97	51	Calm	NW 4	4	0	------
11	61.01	59.07	22.1	33.5	94	52	Calm	W 3	2	0	------
12	61.04	59.44	22.7	34.5	94	46	Calm	NW 3	0	0	------
13	61.16	58.91	23.4	33.6	97	50	Calm	NW 3	0	0	------
14	60.92	59.45	23.3	33.8	96	47	Calm	W 3	0	0	------
15	59.94	58.01	23.8	32.2	94	52	Calm	NW 4	0	0	------
16	60.25	57.86	20	34	96	47	Calm	W 3	0	1	------
17	59.23	56.05	23.1	33.6	94	47	Calm	NW 3	0	0	------
18	56.89	54.70	25.5	35.8	88	47	SW 1	WSW 3	0	4	------
19	56.24	55.70	24.2	31.9	95	63	ESE 1	NW 4	0	6	------
20	57.12	55.63	23.7	33.1	90	49	SE 1	NW 3	0	1	------
21	57	55.94	23.5	33.5	87	53	Calm	NW 3	0	0	------
22	57.42	55.48	22	34.1	86	45	Calm	NNW 3	0	0	------
23	56.69	54.70	22.4	33.6	84	56	NNW 1	NNW 3	0	0	------
24	56.74	55.19	24.1	33.7	86	50	Calm	NNW 4	0	0	------
25	58.08	55.94	23.8	33.8	93	53	Calm	NNW 4	0	0	------
26	59.09	57.80	23	33.9	91	55	Calm	NNW 4	0	0	------
27	58.92	57.20	24.1	33.7	89	56	ESE 1	NW 3	0	0	------
28	59.04	57.68	24.5	34.6	91	60	Calm	WSW 3	2	1	------
29	58.93	57	25.1	33.9	91	59	NNW 1	WNW 2	0	1	------
30	59.49	57.88	23.7	34	94	64	ESE 1	NNW 4	0	2	------
Mean	59.46	57.63	23.4	33.7	92.4	52.2	0.2	3.4	1.8	0.8	------
Total	------	------	------	------	------	------	------	------	------	------	0

[a] The temperatures of this station at 2 p. m. are not reliable: they seem to be too high.

LAOAG.

[ϕ=18° 12′ N; λ=120° 35′ E; barometer above sea, 9.5 meters; gravity correction not applied, —1.58 mm.]

MAY.[a]

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	-----	-----	-----	-----	-----	-----	Calm	NNW 3	0	1	-----
2	-----	-----	-----	-----	-----	-----	Calm	NNW 3	0	1	-----
3	-----	-----	-----	-----	-----	-----	Calm	E 4	0	1	-----
4	-----	-----	-----	-----	-----	-----	Calm	NNW 4	1	1	-----
5	-----	-----	-----	-----	-----	-----	ESE 1	WSW 3	0	1	-----
6	-----	-----	-----	-----	-----	-----	SSE 1	W 3	1	2	-----
7	-----	-----	-----	-----	-----	-----	S 1	SW 4	1	4	-----
8	-----	-----	-----	-----	-----	-----	E 1	WSW 3	2	2	-----
9	-----	-----	-----	-----	-----	-----	S 1	WNW 3	0	1	-----
10	-----	-----	-----	-----	-----	-----	SE 1	WNW 3	0	2	-----
11	57.52	56.47	25.6	34.6	88	59	SSW 1	WNW 3	0	1	40.1
12	57.57	57.05	25.1	31.6	96	67	Calm	W 3	6	10	-----
13	57.42	56.68	25.1	31.4	92	68	Calm	W 4	6	10	45.2
14	56.41	55.62	23	32.9	95	63	ESE 1	W 3	3	4	23.4
15	56.29	55.80	24.1	32.5	97	60	ESE 1	WSW 3	9	5	-----
16	58.22	57.03	25.1	33.7	91	60	ESE 1	WNW 4	3	5	-----
17	59.17	58.77	25	33.1	92	64	ESE 1	WNW 3	6	3	-----
18	58.62	57.02	25.1	34.2	91	61	ESE 1	WSW 3	0	3	-----
19	57.49	56.34	24.7	33.8	91	61	ESE 1	WSW 3	0	5	-----
20	57.09	56.89	25.4	33.6	92	59	ESE 1	WSW 4	0	9	-----
21	57.23	56.73	24.6	32.5	92	63	Calm	W 3	4	5	1.3
22	57.73	56.51	24.6	34.4	93	50	ESE 1	NW 4	10	6	-----
23	57.57	56.18	25.5	35.1	84	51	ESE 1	WSW 3	10	4	-----
24	57.18	57.13	24.3	35.[illegible]	92	54	ESE 1	WSW 3	0	2	-----
25	57.97	56.63	25	35.2	92	51	Calm	NNW 3	0	2	-----
26	57.75	56.83	25.9	35	88	59	Calm	NW 3	0	3	-----
27	56.64	54.67	26	36	90	55	SSW 1	NNW 3	0	2	-----
28	55.37	54.82	26.8	35	84	58	Calm	W 4	7	6	4.5
29	55.63	54.78	24.7	34	94	62	ESE 1	NW 4	3	5	35.1
30	57.61	56.82	24	32.6	97	64	SE 1	W 3	10	7	-----
31	57.15	56.92	25	34	95	62	SSW 1	WNW 3	1	3	-----
Mean	57.32	56.41	25	33.8	91.7	59.6	0.7	3.3	2.7	3.7	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	154.6

JUNE.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	57.27	56.48	25	32.6	92	63	SE 1	W 3	4	7	7.4
2	56.53	55.50	24.5	33.5	94	62	SSE 1	WNW 2	4	6	7.8
3	56.33	56.68	24.4	33.6	95	61	SSE 2	W 3	9	6	-----
4	56.43	-----	25	-----	88	-----	E 1	-----	7	-----	-----
5	56.16	55.71	24.5	33.4	92	65	SSE 1	SW 4	3	4	13
6	56.15	54.44	25.5	34	96	62	E 1	SW 3	3	4	32.3
7	55.77	54.17	24.5	33.5	97	66	Calm	W 3	3	3	-----
8	54.69	53.94	24.7	33.6	96	66	Calm	WSW 3	1	7	8.6
9	54.84	53.89	25	31.5	97	72	ESE 1	NNW 2	10	10	17.3
10	55.55	54.41	26	31	94	76	S 1	W 2	10	10	26.4
11	55.21	53.13	24.5	31.6	96	70	Calm	WSW 3	10	9	29
12	52.36	52.08	24.2	27	97	92	E 1	SSE 1	10	10	3.5
13	51.32	51.20	25.1	32.1	92	66	Calm	WSW 4	10	7	5.8
14	52.66	52.82	24.4	32.1	92	63	S 1	SSW 4	4	7	.8
15	53.41	53.14	24.5	32	91	63	SSE 1	SSW 4	3	6	2.5
16	53.18	53.43	26.4	26.7	89	90	SSW 1	S 3	10	10	26.3
17	54.21	53.89	24.4	31.7	97	73	SSE 1	SSW 4	10	9	2.8
18	55.33	55.49	25.2	32.1	92	66	S 1	SSW 3	10	7	-----
19	55.33	55.95	25.8	31.5	98	72	Calm	W 3	10	10	11.5
20	55.56	54.16	23.5	31.4	96	71	Calm	WSW 3	1	3	18.8
21	55.06	54.04	24.5	31.5	96	66	Calm	SW 4	9	5	11.4
22	55.83	56.34	23.6	27.4	95	80	E 1	SSW 1	10	10	1.5
23	57.28	57.30	23.4	29.5	97	69	Calm	SSW 1	10	10	.5
24	58.60	58.80	23.1	32	97	61	NNE 1	WSW 1	6	6	-----
25	59.61	59.25	23	32.5	95	69	SW 2	WSW 3	1	6	-----
26	59.33	58.38	23.2	33.2	97	62	ESE 1	WSW 3	0	3	-----
27	58.11	57.06	23.9	32.5	89	63	Calm	WSW 3	0	4	.3
28	58.11	57.78	23.9	34.2	89	59	ESE 1	WSW 3	0	2	-----
29	59.48	58.54	24.5	34.1	86	62	ESE 2	WNW 3	0	5	-----
30	58.39	57.26	23.4	34	90	63	Calm	WNW 3	0	4	-----
Mean	55.94	55.35	24.5	31.9	93.6	68	0.8	2.8	5.6	6.6	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	227.5

JULY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	57.55	56.67	24	31.3	93	60	E 1	WNW 3	0	3	-----
2	57.58	57.35	24	31	91	71	ESE 1	WSW 2	0	8	-----
3	57.85	57.11	24.5	34.5	91	62	E 1	WNW 2	0	4	2
4	56.55	56.09	23.8	36.1	91	56	SW 1	WSW 3	0	2	-----
5	57.74	56.96	25.8	30.9	87	67	E 1	SW 3	2	9	2.5
6	58.79	58.70	23	30.1	95	67	SE 1	SSW 3	1	10	.3
7	59.41	58.48	23	35.5	90	56	E 1	WNW 2	0	6	-----
8	58.32	57.16	24.5	30.5	89	68	E 1	WSW 3	1	10	-----
9	57.74	57.32	23	35.1	93	58	ESE 1	WSW 3	1	3	3.8
10	58.59	57.61	23	35	93	57	Calm	NW 3	1	4	.5
11	58.20	57.80	22.2	31.5	96	70	Calm	WSW 1	0	6	4.1
12	58.48	57.98	24	34.1	91	61	ESE 1	NW 3	0	6	.5
13	59.05	58.29	23	35	93	59	ESE 1	WNW 3	0	1	2.3
14	58.29	58.18	24	35.5	90	58	ESE 1	SSW 3	0	5	3.6
15	57.93	58.09	23.8	32.2	93	70	ESE 1	WSW 2	0	10	.5
16	58.05	56.76	22.7	35.6	92	56	ESE 2	WSW 3	0	3	-----
17	57.34	56.27	23.8	35.5	91	56	Calm	E 3	2	8	.5
18	56.79	56.90	23.9	28	89	85	Calm	NNW 2	3	10	45
19	57.63	56.29	22.5	33.2	92	69	E 1	WNW 3	3	2	-----
20	57.44	56.20	24	33	91	68	ESE 1	W 3	3	10	17.8
21	56.76	55.92	23	33.5	95	68	Calm	WSW 3	0	5	.8
22	55.74	54.73	23.5	33.8	92	65	E 1	W 3	0	5	6.9
23	55.10	54.01	23.3	34	90	66	Calm	WSW 3	0	6	8.6
24	55.06	55.19	23.6	32.1	91	69	ESE 1	SW 3	0	6	64.3
25	55.98	56.28	22.4	31	91	68	ESE 1	NW 3	1	10	2.1
26	55.75	55.25	23.1	28	92	82	Calm	W 3	3	10	57.2
27	54.96	54.90	23	23.8	95	75	ENE 1	NW 2	10	10	46.7
28	55.54	55.29	23.4	31.1	93	69	Calm	W 2	10	3	3
29	55.46	55.12	21.9	33.7	89	63	E 2	WSW 3	6	3	.5
30	55.79	55.30	24.2	31.5	93	72	Calm	WSW 3	2	6	8.6
31	56.17	55.30	24.3	33.5	92	61	ESE 2	WSW 3	3	3	3
Mean	57.15	56.56	23.6	32.8	91.7	65.5	0.8	2.7	1.7	6.2	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	285.1

AUGUST.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	53.89	56.59	24	33.1	91	67	ESE 1	WSW 2	2	6	1
2	57.42	56.42	24.3	34.1	91	61	ESE 2	WSW 3	2	6	20.1
3	57.53	56.58	24.3	31.9	91	65	ESE 1	SW 3	3	5	-----
4	57.78	58.06	25	27.2	90	81	Calm	SSE 2	2	10	11.7
5	56.97	56.57	24.1	28.9	91	77	ESE 1	S 3	3	9	37.7
6	56.30	55.94	23	25.4	91	92	ESE 2	S 3	10	10	43.7
7	56.80	56.91	22.5	24.5	94	84	FSE 2	SE 2	10	10	75.7
8	57.20	56.12	23.2	26.9	91	88	SE 2	SSW 3	10	10	31.9
9	54.85	54.23	24.5	26.6	89	84	ESE 3	SSW 2	10	10	169.7
10	53.02	53.06	22.5	24.1	94	89	E 2	SE 2	10	10	98
11	51.26	51.33	23.5	26.2	89	76	ESE 2	SSE 2	10	10	148.7
12	51.31	51.24	22.9	27	90	81	E 2	SSW 3	10	10	110.9
13	52.30	53.12	24.4	26.3	88	83	SE 3	SE 2	10	10	159
14	54.57	55.53	23	27.1	93	79	Calm	S 3	10	10	21.1
15	57.69	57.41	22.7	31.9	92	62	ESE 2	SSW 3	9	3	4.5
16	57.45	56.63	23.9	31.5	91	64	ESE 2	SW 3	1	5	69.8
17	55.85	55.15	23	28.6	91	71	ESE 2	SSE 3	10	10	1.8
18	55.06	55.12	25.9	27	72	80	S 3	S 4	10	10	84.9
19	55.65	55.02	22.8	28.3	91	74	ESE 1	SSE 3	10	10	115.5
20	56.11	56.36	22.2	29.7	91	67	ESE 2	SSW 4	10	10	12
21	56.70	56.90	22.8	30.5	93	68	E 1	S 3	10	10	-----
22	59.24	58.14	23	32.8	91	61	Calm	SW 3	7	6	-----
23	58.22	56.90	24	32.3	91	62	E 1	SW 3	4	6	-----
24	56.37	55.95	24.3	29.9	89	72	ESE 2	SW 3	2	7	61.1
25	56.79	57.16	22.9	32.8	92	61	E 1	SSW 3	10	3	4.1
26	58.86	58.45	23.1	32.8	92	64	Calm	WNW 3	4	3	-----
27	58.64	56.83	22.8	33.3	91	65	Calm	WNW 3	0	3	-----
28	57.84	57.43	23.6	34.2	90	63	Calm	W 3	0	3	2
29	57.01	57.07	21.7	33.9	92	63	E 1	SW 2	0	2	-----
30	57.34	56.93	23.2	34.5	90	61	E 2	WSW 3	0	3	13.4
31	59.24	58.09	23.3	34.5	92	60	E 1	WNW 2	6	3	-----
Mean	56.40	56.04	23.4	29.9	90.5	71.8	1.4	2.8	6.3	7.2	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	1,298.3

[a] The pressure and temperature from 1 to 10 are omitted; they are not reliable.

LAOAG.

[ϕ=18° 12′ N; λ=120° 35′ E; barometer above sea, 9.5 meters; gravity correction not applied, —1.58 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	59.41	57.74	23.9	32.2	91	69	Calm	NW 2	1	6	4.8
2	58.03	56.19	23.6	33.5	93	63	Calm	W 2	1	3	------
3	55.18	53.27	24.2	29	91	82	Calm	NNW 3	3	10	13
4	50.76	46.92	25	25	85	92	NW 3	W 6	10	10	447.6
5	50.79	54.21	23.8	24.4	90	83	S 5	SSE 3	10	10	39.2
6	55.31	55.34	22.7	33.9	96	59	E 1	SSE 2	7	4	------
7	57.39	57.52	24.6	30.6	95	80	ESE 1	NW 2	4	7	13.2
8	58.01	56.84	22.9	34.4	97	64	Calm	NW 3	3	5	------
9	57.24	55.67	24	34.9	98	63	Calm	WNW 2	5	4	.3
10	57.73	56.55	24.9	34.1	98	67	ESE 1	W 2	0	4	------
11	57.60	56.72	24.8	34.8	93	65	ESE 2	W 3	0	3	------
12	58.75	58.12	25	30.2	95	81	ESE 1	WNW 2	0	6	11.7
13	58.18	57.13	23.9	33.7	97	68	Calm	WNW 2	0	3	------
14	57.06	55.70	24	32.5	98	68	Calm	WNW 2	1	7	------
15	54.95	54.53	24.5	34	96	68	Calm	WSW 3	7	6	2.3
16	56.82	55.73	24.5	33.8	97	67	E 1	WNW 3	3	6	15.7
17	57.31	55.63	23	31.9	98	70	E 1	WNW 3	4	3	19.8
18	55.91	55.68	22.2	31.5	98	70	Calm	WSW 3	4	5	23.3
19	55.99	55.59	23.1	33.3	99	64	ESE 2	W 2	4	4	------
20	56.84	56.03	23	33.4	95	64	ESE 1	SW 3	0	3	9.1
21	55.78	55.08	24	33.5	97	62	ESE 2	WSW 3	1	3	31
22	55.02	53.55	24.5	32.1	97	72	ESE 2	WNW 2	6	7	36.1
23	53.25	50.68	24.3	34.1	97	66	NNW 2	WNW 2	10	8	7.1
24	50.55	48.71	24	30.8	98	72	Calm	SSW 3	10	7	------
25	49.24	50.27	25.2	27.9	97	79	Calm	ESE 2	10	10	4.4
26	52.90	53.16	24.2	32.5	93	67	Calm	SW 1	10	10	.3
27	55.23	55.17	25	29.8	92	77	Calm	SW 1	8	10	65.5
28	56.25	55.61	23	30.2	97	75	E 1	WNW 2	10	10	24.1
29	55.74	54.66	22.3	23.4	97	85	Calm	Calm	4	10	4.8
30	56.19	55.69	24	32.7	95	68	Calm	SW 2	10	5	------
31	------	------	------	------	------	------	------	------	------	------	------
Mean	55.65	54.79	23.9	31.8	95.3	71	0.9	2.4	4.9	6.3	------
Total	------	------	------	------	------	------	------	------	------	------	773.3

OCTOBER.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	57.88	57.29	24.7	33	92	65	ESE 2	WNW 3	3	3	------
2	58.54	57.23	23.6	33.4	97	65	Calm	WNW 2	1	3	------
3	58.18	56.94	24.3	34.9	97	61	E 1	NNW 3	7	8	------
4	58.49	57.60	23.4	28	97	85	Calm	NNW 2	6	10	0.3
5	58.10	57.48	24	24.5	93	96	NNE 2	Calm	10	10	142.5
6	57.51	56.43	22	28	100	83	Calm	SSW 2	10	10	32
7	57.40	56.10	21.9	30.2	99	77	Calm	NW 1	6	6	------
8	58.20	56.18	22	33.1	99	70	Calm	NW 1	8	8	------
9	57.65	57.71	24	25.2	98	98	Calm	E 2	6	10	56.1
10	56.95	55.51	23	27.5	98	81	E 1	SSW 3	10	10	56.1
11	58.04	57.39	22	29.5	91	69	SE 3	S 3	10	10	.5
12	58.44	57.41	22	31.1	98	69	E 1	NW 3	6	2	------
13	58.91	57.18	22.6	34	98	66	Calm	WNW 2	2	3	------
14	58.10	56.60	22.3	35.3	98	56	Calm	WNW 3	1	4	------
15	57.15	55.61	22.2	36.8	98	52	N 1	NNE 3	0	3	------
16	56.28	54.76	23.3	33.5	97	63	Calm	WNW 2	1	6	------
17	56.15	54.79	25.4	30.8	84	71	ENE 1	NE 1	10	10	------
18	57.01	56.14	24.5	31	86	64	Calm	WSW 3	6	10	28.2
19	56.76	55.82	23.5	30.1	87	71	ESE 1	WNW 2	10	9	------
20	56.94	55.77	24	33	85	64	Calm	W 2	8	4	------
21	58.23	57.36	24.2	35.2	86	53	SSE 1	NW 2	0	1	------
22	57.57	56.76	26.1	34.4	71	57	ENE 1	ENE 2	6	3	------
23	57.97	56.66	25.3	33	80	64	ESE 1	NW 2	0	5	1.1
24	58.43	58.04	23.5	32.3	90	63	ENE 1	WNW 2	0	6	.5
25	58.53	57	23	36.4	93	50	Calm	WNW 2	0	0	------
26	60.47	58.21	22.2	36	93	45	NNE 1	ENE 2	0	0	------
27	60.29	58.08	22	34.9	89	53	Calm	ENE 2	0	1	------
28	58.46	56.56	21	36.3	91	50	Calm	NNW 2	0	1	------
29	59.15	57.72	20.2	36.4	94	47	Calm	ENE 3	0	0	------
30	59.93	58.23	21.7	35.5	90	49	Calm	NNE 2	0	0	------
31	58.97	56.43	21.8	35.5	91	47	ENE 1	NNE 3	------	------	------
Mean	58.09	56.81	23.1	32.5	92.3	64.5	0.6	2.2	3.8	4.9	------
Total	------	------	------	------	------	------	------	------	------	------	317.3

NOVEMBER.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	56.99	55.34	23	31.9	84	64	NNE 1	N 4	1	2	1.5
2	56.66	55.30	22.8	36.2	91	46	Calm	N 2	4	0	------
3	57.92	57.06	21	33.9	95	55	NE 1	WNW 2	0	0	------
4	58.86	56.02	21.9	35.2	92	50	E 1	NW 2	0	0	------
5	58.01	55.86	19.6	34	94	55	Calm	NW 3	0	0	------
6	57.02	55.71	19.1	34.4	97	49	Calm	N 3	0	0	------
7	57.38	55.82	18	32	98	52	Calm	NNE 3	0	1	3
8	56.86	55.77	21.5	33.2	95	62	Calm	NW 2	4	5	.5
9	58.74	57.85	23	29	91	71	NNE 2	NNE 3	10	4	6.1
10	59.39	57.79	20.6	32.3	94	48	Calm	NNE 3	0	0	------
11	59.14	57.59	20.9	32.9	83	49	N 2	N 3	2	2	------
12	60.02	58.84	18.5	32.5	95	49	Calm	N 3	2	2	------
13	61.52	59.80	20.5	30	81	54	N 3	NNE 4	0	0	------
14	60.66	58.76	21.8	26.8	84	72	NNE 3	NNE 4	8	10	1.8
15	60.19	58.69	21.1	23.4	92	81	N 3	N 3	10	10	1.3
16	58.02	56.07	22	25	84	85	N 3	NNW 3	9	9	------
17	57.46	55.85	22.7	29.9	85	65	N 3	N 4	9	3	.3
18	58.98	56.87	22.2	28.2	96	76	Calm	NNW 3	10	4	3.8
19	58.91	56.48	21.1	32.6	99	62	SE 1	N 3	3	4	------
20	58.05	57.22	22	27.7	91	72	N 1	N 3	4	8	35
21	58.71	57.88	22.4	28.1	95	77	Calm	NNW 3	8	6	.5
22	58.80	57.43	22	33.5	95	58	Calm	NNE 3	2	3	.6
23	58.54	57.89	23.4	29.8	93	69	Calm	NNE 1	9	10	------
24	58.21	57.44	22.8	30	93	73	Calm	W 2	9	7	.5
25	57.79	55.93	22.2	32.7	95	57	E 1	WNW 2	3	3	------
26	56.44	54.85	21	33.4	93	53	NNE 1	NW 3	4	1	------
27	56.99	56.35	23.5	27.8	84	70	N 3	NNW 3	5	6	------
28	57.90	56.85	23.4	28.8	81	61	NNW 3	NNW 3	6	4	------
29	59.08	57.77	21	27	82	65	NNW 3	N 3	3	4	------
30	60.37	59.49	18.9	25.1	84	58	NNE 3	NNE 5	5	3	------
31	------	------	------	------	------	------	------	------	------	------	------
Mean	58.45	57.02	21.5	30.6	90.5	61.9	1.3	2.9	4.3	3.7	------
Total	------	------	------	------	------	------	------	------	------	------	54.9

DECEMBER.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	60.26	58.61	18.5	27.7	85	56	NNE 3	N 5	0	0	------
2	59.37	57.46	20.5	27.1	84	63	N 3	NNE 4	8	5	------
3	58.01	57.87	23	29.7	79	65	NNE 2	N 3	8	10	4.1
4	58.31	56.84	20.9	32.5	95	53	Calm	NNE 4	3	1	------
5	57.72	55.65	20	35	98	55	Calm	NE 1	0	0	------
6	58.02	55.88	19	35.2	98	55	Calm	N 3	0	0	------
7	58.07	56.64	19	33.5	98	57	E 1	NNE 3	0	2	------
8	58.29	56.84	23.8	31.5	85	58	N 3	NNE 4	0	0	13.8
9	57.94	56.64	22.9	33	92	55	NE 3	NNE 3	10	6	3.8
10	58.13	56.75	23.1	32	92	63	Calm	NNE 3	6	0	------
11	58.05	57.35	23.7	30.6	87	59	NNE 3	NNE 4	2	5	5.4
12	58.92	57.24	22.3	29.9	94	64	NNE 3	NNE 3	10	8	11.7
13	58.45	56.69	22.5	33.8	96	51	Calm	N 2	8	3	------
14	58.46	56.20	(a)	(a)	(a)	(a)	Calm	NNE 2	0	2	------
15	57.54	56.38	------	------	------	------	NNE 3	NNE 4	1	2	------
16	56.74	55.55	------	------	------	------	NNE 2	NNE 4	6	6	------
17	56.89	54.83	23.5	34.3	90	54	NNE 2	NNE 4	0	3	------
18	56.25	54.99	22.8	33.3	97	54	ENE 1	WSW 2	6	6	------
19	57.02	55.13	21.5	33.1	95	58	ESE 1	NNW 3	0	3	------
20	57.56	55.40	21.8	31	99	61	Calm	NNE 3	2	6	------
21	58.79	56.71	22.9	29.9	90	62	NNE 1	NNE 3	10	8	------
22	57.86	55.90	19.9	35.3	99	47	NNE 1	NE 2	8	3	------
23	57.81	56.07	19.4	33.9	96	46	ENE 1	NW 3	3	3	------
24	57.16	55.68	20.9	34	99	56	E 2	NNW 3	0	1	------
25	58.83	57.25	23.4	31.4	88	60	E 2	N 3	7	6	------
26	58.67	57.40	23	31.5	83	47	NNE 3	NE 5	3	3	------
27	58.88	56.91	18.7	32.2	99	47	Calm	NE 3	1	3	------
28	58.96	57.08	20	33.6	96	43	ENE 1	ENE 3	1	3	------
29	57.97	56.06	17	32	100	49	Calm	NNE 2	3	7	.3
30	57.82	56.51	21.9	28.8	87	64	E 1	NW 1	10	10	10.8
31	58.01	55.49	22.3	30.8	92	59	ENE 1	NNW 2	10	7	------
Mean	58.09	56.45	21.4	32	92.6	55.8	1.4	3	3.9	3.9	------
Total	------	------	------	------	------	------	------	------	------	------	49.9

[a] The thermometer shelter was transferred to another locality.

SANTO DOMINGO, BATANES.[a]

[$=\phi 20°\ 28'$ N; $\lambda = 121°\ 59'$ E; barometer above sea, 18.7 meters; gravity correction not applied, —1.49 mm.]

JANUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.		Wind, direction and force (0–12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*					*0–10.*	*0–10.*	*mm.*
1	60.29	58.47	21.1	22.5	91	94	NNE	3	NNE	3	10	10	2.3
2	58.92	58.63	22.1	23.5	86	83	NNE	3	NE	3	10	10	18.3
3	59.73	58.76	23.2	25.6	94	82	ENE	3	EbyN	4	10	10	11
4	60.08	60.32	24	25.5	91	88	E	4	E	4	10	10	8.7
5	61.62	61.44	23.7	23.9	90	94	E	4	E	5	10	10	9.9
6	61.17	60.22	23.4	23.7	90	91	ENE	4	ENE	5	10	10	17.3
7	59.97	59.31	24.6	27.7	87	75	SE	4	SE	4	7	7	1.5
8	60.29	60.78	25.7	28.1	93	88	SSE	2	SSE	3	8	4	.4
9	62.32	61.91	25.2	27.9	94	82	S	4	S	4	4	8	.....
10	63.87	63.83	23.6	27.8	91	71	E	2	NNE	3	2	1	5.3
11	65.92	65.02	21.6	23.5	95	84	NE	5	NEbyE	5	9	8	5.8
12	65.10	64.72	22.7	23.8	88	82	NE	3	NE	3	6	7	40.9
13	64.88	64.27	22.9	24.4	76	78	NNE	5	NNE	5	6	8	.6
14	63.78	62.42	22.6	24.7	76	77	E	1	E	2	9	8	.....
15	62.06	61.71	20.6	21.8	88	87	NNE	2	N	4	10	10	1.1
16	62.68	63.06	19.7	20.9	89	81	N	6	N	6	6	8	.1
17	63.66	62.87	19.2	21.4	88	79	NE	5	NE	5	5	10	1.1
18	64.41	63.53	19.2	22.1	88	78	NE	5	NE	5	9	8	.....
19	64.18	63.62	20	24.1	87	70	NE	4	NE	5	8	2	.....
20	63.69	62.30	19.6	24.6	90	71	E	2	E	2	9	2	.....
21	61.49	60.99	21	23.6	87	78	NE	2	NE	2	7	6	.....
22	61.04	59.14	20.2	25.3	91	80	NE	2	NE	2	8	8	.....
23	59.76	59.19	21.8	25.4	88	80	NE	2	NE	2	4	6	1
24	62.99	63.02	18.8	20.6	92	80	N	5	N	6	9	10	.4
25	65.01	64.23	19.2	21.2	88	87	ENE	3	NE	2	7	6	1.1
26	63.85	62.71	20.7	25.8	84	71	NE	2	NE	2	10	6	.1
27	63.37	61.49	21.8	24.5	78	73	E	3	NE	4	4	7	.....
28	62.28	60.89	22.1	24.6	88	80	ENE	4	NE	4	9	8	.....
29	61.51	60.37	21.8	22.7	89	83	NE	1	NE	1	10	10	17
30	61.61	60.28	20.6	22.7	91	83	NE	2	NE	2	9	10	.....
31	58.79	57.43	22.3	24.9	88	79	NE	2	E	2	10	10	.....
Mean	62.27	61.51	21.8	24.2	88.3	80 9		3.2		3.5	7.9	7.7	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	143.9

FEBRUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.		Wind, direction and force (0–12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*					*0–10.*	*0–10.*	*mm.*
1	58.30	59	20.7	24.1	82	927	NE	2	NE	4	5	4	0.1
2	59.74	58.59	20.7	23	82	83	NNE	2	NNE	2	7	10	.....
3	58.58	57.84	21	24.5	89	83	NNE	3	NNE	5	3	9	.....
4	58.66	56.73	19.7	24.3	82	90	NE	3	NE	2	2	9	.....
5	57.98	57.28	20.1	25.3	91	84	NE	2	NE	3	2	3	.....
6	58.72	57.53	20	24.8	85	80	NE	4	NW	3	8	2	4.6
7	56.77	55.58	18.4	24.9	86	75	NW	4	NW	4	10	1	6.6
8	56.21	56.21	21.9	24.3	91	82	NW	4	N	4	5	10	8.4
9	59.19	59.22	21.7	25.8	79	70	NE	2	NE	2	10	3	15.2
10	62.24	62.52	19.1	23.8	86	80	NE	4	NE	5	9	10	.1
11	62.76	61.69	20.1	24.5	90	78	NE	5	NE	2	10	6	.....
12	62.04	61.73	20.8	24.9	86	76	NE	3	NE	2	7	9	11.2
13	62.55	62.21	19.6	22	91	79	NE	2	NE	4	10	8	1.8
14	63.94	64.18	19.3	22	84	66	NE	4	NE	3	7	9	2.1
15	63.98	63.43	19.1	22	89	74	NE	3	NE	4	9	7	2.5
16	62.77	62.62	20.1	21.5	90	90	NE	2	NNE	4	10	10	9.4
17	62.58	61.56	20.6	22.4	90	82	NE	2	NE	2	8	10	3
18	61.28	60.03	21.1	24.6	90	81	NE	2	NE	4	10	8	.....
19	60.04	59.60	21.4	23.5	91	75	NE	4	NE	4	6	10	10.1
20	58.54	57.65	23.1	26.6	91	84	NE	4	E	4	10	7	5.1
21	58.54	58.50	23.7	25.3	92	84	E	2	NE	3	4	9	5.2
22	59.87	58.43	21.8	25.8	90	81	NE	2	SE	4	9	8	.....
23	57.54	56.77	24.4	28.5	89	84	NE	4	SE	2	3	2	.....
24	57.46	57.21	22.6	26.7	92	92	NW	2	NW	2	1	10	.....
25	58.38	58.65	21.6	26.6	91	84	NE	2	NE	2	2	1	.....
26	59.34	59.37	21.9	24.9	90	83	NE	2	NE	3	3	3	.....
27	60.38	60.26	21.4	24.5	92	83	SE	4	SE	4	8	6	.....
28	59.97	59.18	22.6	25.8	92	.....	SE	4	SE	4	2	1	.....
29	60.39	60.19	23	25	.....	.....	NE	2	NE	2	9	10	1.5
30	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	.....
31	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	.....
Mean	59.96	59.44	21.1	24.5	88.3	81.3		2.9		3.2	6.5	6.7	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	86.9

MARCH.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.		Wind, direction and force (0–12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*					*0–10.*	*0–10.*	*mm.*
1	63.84	63.04	17.2	18.4	90	78	N	6	N	6	10	10	0.5
2	63.69	63.07	17.6	18.4	89	79	NE	4	NE	5	10	10	5.3
3	61.74	60.16	20.7	22.2	89	82	E	6	E	6	10	9	8.9
4	61.24	61.62	20.3	23	90	83	N	5	N	5	9	4	.....
5	63.18	61.54	21.2	24	90	85	N	3	NE	3	1	5	.....
6	61.68	60.14	21.4	25.6	89	78	NE	1	NE	3	2	3	2.5
7	59.34	58.14	22.2	26.7	83	85	NE	2	E	4	10	6	.8
8	58.72	58.98	22.8	25.6	83	84	N	2	N	4	4	5	.....
9	61.38	60.07	21.9	26.3	90	85	N	2	N	1	3	2	.....
10	59.52	57.76	18.8	28	91	85	E	1	SW	1	0	3	.....
11	59.89	60.10	23.8	26	81	88	NE	4	NE	2	10	10	2.5
12	60.57	59.77	23.1	26	91	88	E	2	SE	2	9	3	.1
13	60.52	60.64	24.6	28.1	92	83	SE	1	E	1	1	7	.....
14	61.96	60.34	23.1	25.3	90	86	N	4	N	2	10	9	.....
15	61.13	59.34	21.6	25.3	87	78	N	2	N	2	2	1	.1
16	61.24	60.67	22.6	25.7	91	78	NE	2	NE	1	8	4	3.3
17	62.58	61.42	22.1	24.1	88	76	NE	1	NE	2	6	10	.8
18	62.52	60.93	22	23.2	91	82	NE	4	NE	2	10	10	2.3
19	61.22	59.20	22.5	24.2	86	82	ESE	1	ESE	1	9	10	.....
20	58.72	58.48	23.4	25.3	90	82	ESE	1	ESE	1	9	10	.....
21	58.86	58.38	24.1	30	91	86?	SE	2	SW	3	4	1	.....
22	60.51	60.72	23.6	26.3	95	77	N	4	N	4	4	8	.8
23	63.71	64.27	21.3	23.4	92	83	NE	3	NE	3	10	10	2.9
24	66.34	65.48	17.9	20.4	90	82	NE	3	NE	5	10	10	.1
25	65.51	63.78	20.2	22.4	90	81	NE	5	NE	2	10	10	2
26	63.28	61.67	21	24.7	91	84	E	1	SE	2	10	10	.2
27	61.92	61.49	23.7	25.1	92	83	SE	2	E	3	10	9	3.6
28	60.93	60.39	25.1	26.3	92	83	SE	2	SE	2	9	10	.1
29	60.48	59.02	24.9	27.2	92	84	SE	2	SE	3	9	10	.1
30	59.51	57.81	25.1	28.2	93	85	SE	3	SE	2	10	10	.....
31	57.73	56.93	24.7	25.3	91	77	W	1	W	2	1	1	.....
Mean	61.40	60.50	22.1	24.9	89.7	82.3		2.6		2.7	7.1	7.1	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	36.9

APRIL.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.		Wind, direction and force (0–12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*					*0–10.*	*0–10.*	*mm.*
1	57.57	56.28	24.1	29.1	82	70	W	1	W	1	0	6	.....
2	58.56	58.47	23.1	26.1	89	76	NNE	2	NNE	1	9	8	0.1
3	59.89	60.45	23.5	28.5	89	72	N	1	N	1	1	9	2.1
4	61.69	61.73	22.1	24.6	90	82	N	4	N	4	10	8	.....
5	63.86	63.42	21.5	23.7	90	82	NNE	5	NNE	5	10	10	5.8
6	64.31	63.96	20.8	22.8	93	89	NE	5	NE	4	10	10	.5
7	64.60	64.47	22	24.5	91	79	NE	6	NE	6	10	10	.....
8	64.23	62.45	23.2	27.5	88	78	E	1	E	5	10	6	.....
9	62.35	60.70	24	28.9	83	69	E	4	E	2	7	3	.....
10	60.94	60.53	25.4	30.1	82	65	SE	3	SE	3	9	8	1
11	62.50	61.31	24.1	28.3	84	68	SE	0	E	1	1	3	.....
12	62.70	61.45	25.6	29.1	79	70	E	3	E	4	4	3	.1
13	61.52	60.82	25.7	30	80	69	E	2	ESE	3	9	4	.....
14	60.48	59.50	25.6	29.8	81	67	ESE	4	SE	2	1	3	.....
15	59.15	57.23	25.6	31.2	79	63	SE	2	SE	1	6	2	.....
16	59.82	59.33	25.7	30.1	79	69	ESE	2	ESE	2	1	2	.....
17	59.45	58.44	24.7	30.3	86	67	E	1	E	2	1	10	.1
18	57.65	56.65	25	30.4	88	64	E	2	E	4	6	3	4.3
19	56.93	56.79	25.5	29.5	78	68	E	2	E	3	6	2	.1
20	57.51	55.72	22.3	25.1	87	83	E	0	NE	1	3	6	.....
21	56.45	55.97	26.2	29.3	81	72	NE	2	N	3	3	6	.....
22	56.72	56.41	25.1	29.3	89	70	N	2	N	4	8	6	.....
23	56.54	55.01	24.9	28.6	(b)	(b)	N	5	N	4	10	5	.....
24	55.58	54.80	25.6	30.8	.....	.....	N	2	NW	1	1	2	.....
25	56.49	56.63	26.5	31	.....	.....	W	0	W	1	2	1	.....
26	58.13	57.42	24.4	31.2	.....	.....	E	3	E	4	4	7	3
27	58.56	57.39	24.1	29.6	.....	.....	NE	2	E	2	9	5	.1
28	58.84	57.08	26.1	31.6	.....	.....	E	2	E	1	3	3	.....
29	57.90	56.89	26.9	32	.....	.....	SE	1	SE	1	3	3	.....
30	58.92	57.58	27.1	32.3	.....	.....	ESE	1	SE	2	9	4	.....
31	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	.....
Mean	59.66	58.83	24.5	28.8	84.9	72.4		2.3		2.6	5.5	5.8	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	17.2

[a] The barometric readings of this station seem to be somewhat too low.
[b] The wet thermometer was broken.

SANTO DOMINGO, BATANES.

[ϕ=20° 28′ N; λ=121° 59′ E; barometer above sea, 18.7 meters; gravity correction not applied, —1.49 mm.]

MAY.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*					*0–10.*	*0–10.*	*mm.*
1	59.74	59.19	25.8	31.4	(a)	(a)	ESE	2	SE	3	1	5	------
2	59.83	58.84	24	30.1	-----	-----	NE	1	E	2	3	4	------
3	59.99	58.68	23	30.6	-----	-----	E	1	NE	1	1	2	------
4	59.95	59.64	25.6	30.6	-----	-----	E	1	E	2	3	4	------
5	59.57	59.39	26	29.7	-----	-----	E	2	E	2	3	3	------
6	59.56	58.74	26.5	31.9	-----	-----	E	3	E	2	3	2	------
7	58.64	57.60	26.6	31.6	-----	-----	E	2	E	1	2	2	5.5
8	60.39	59.92	24.9	31.5	-----	-----	E	2	E	2	10	4	7
9	60.82	60.25	25.6	28.1	-----	-----	E	1	E	2	4	9	.6
10	60.47	58.97	26.2	30.2	-----	-----	E	1	E	2	4	7	------
11	58.75	56.75	26.6	31.8	-----	-----	ESE	2	ESE	3	4	1	------
12	58.27	57.93	26.1	32	-----	-----	ESE	1	E	1	2	0	------
13	58.32	56.60	25.5	31	-----	-----	E	1	E	1	1	1	------
14	57.14	56.29	22.7	31.3	-----	-----	Calm		E	1	4	3	------
15	56.85	56.60	24.3	31.9	-----	-----	E	1	SE	1	2	1	------
16	59.33	58.12	25.5	31.9	-----	-----	E	1	E	1	1	2	------
17	60.28	59.57	25.7	32.4	-----	-----	E	1	E	2	6	6	.1
18	58.77	57.59	27	33	-----	-----	E	2	SE	3	6	5	------
19	56.78	56.33	27.2	33.3	-----	-----	E	1	W	2	5	4	------
20	56.03	56.23	28	30.2	-----	-----	SE	3	SW	5	3	10	------
21	56.07	56.70	27.2	29	-----	-----	S	1	SW	3	10	10	------
22	57.11	57.55	25.1	32.5	-----	-----	WNW	2	W	2	10	9	13.5
23	58.41	57.34	25	32.2	-----	-----	N	1	SE	2	7	3	------
24	57.08	57.86	27.1	32.6	-----	-----	SE	5	SE	1	4	3	------
25	57.80	57.88	27.2	31.7	-----	-----	SE	1	SE	2	4	10	------
26	57.79	57.67	27	32.2	-----	-----	SE	2	SE	2	7	3	------
27	57.03	55.87	27.2	31.7	-----	-----	SE	3	SE	4	3	2	------
28	55.72	55.83	28	32.9	-----	-----	SE	1	SE	3	9	2	------
29	56.09	55.01	27.8	32.1	-----	-----	SE	2	SE	1	3	8	------
30	56.12	55.84	27.3	31.3	-----	-----	SE	1	E	1	9	8	------
31	56.87	56.39	25.3	31.9	-----	-----	SE	1	SE	2	5	9	15.7
Mean	58.24	57.65	26	31.4	-----	-----	1.6		2		4.5	4.6	------
Total	-----	-----	-----	-----	-----	-----	------		------		-----	-----	42.4

JUNE.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-10). 6 a. m.		Wind, direction and force (0-10). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*					*0–10.*	*0–10.*	*mm.*
1	56.52	56.30	25.3	30	(a)	(a)	SE	1	SEbyE	2	8	10	------
2	56.13	55.68	26.6	31.6	-----	-----	SE	1	SEbyE	2	7	7	------
3	55.32	55.67	27.1	33.5	-----	-----	ESE	2	SE	1	7	7	------
4	56.06	56.04	27.4	32.1	-----	-----	SE	1	SE	2	9	7	0.1
5	55.97	55.12	25.7	33	-----	-----	SEbyS	2	SEbyS	3	9	4	------
6	55.16	54.11	28.3	33	-----	-----	SE	1	SEbyS	3	7	6	------
7	54.96	53.71	27.7	33.5	-----	-----	SE	1	ESE	2	9	4	------
8	54.65	53.76	28.5	33.5	-----	-----	ESE	1	ESE	2	8	10	.1
9	54.50	54.21	28.3	32.4	-----	-----	SE	2	ESE	2	10	7	.5
10	55.45	55.01	27.6	29.7	-----	-----	ESE	1	ESE	2	6	10	18.6
11	54.86	53.37	26.3	30	-----	-----	ESE	1	ESE	2	9	10	.1
12	52	51.97	27.4	27.6	-----	-----	SE	2	E	1	10	10	24.3
13	50.85	51.05	24.1	30.1	-----	-----	E	1	SSW	1	3	10	9.6
14	52	52.27	25.7	28.5	-----	-----	SW	1	SW	1	6	10	.8
15	52.30	51.84	27.3	28.5	-----	-----	SW	1	SbyW	2	9	8	5.3
16	51.87	51.91	27.7	28.5	-----	-----	S	1	S	3	10	10	14.7
17	53	51.99	27	27.5	-----	-----	W	1	SW	1	10	10	71.9
18	54.66	54.98	25.6	28.9	-----	-----	Calm		SW	2	10	6	58.4
19	56.43	56.10	24.7	29.5	-----	-----	ESE	1	SE	1	10	10	.1
20	55.40	54.09	27.5	31.3	-----	-----	SE	1	SE	2	9	6	3
21	54.57	54	27.3	31.1	-----	-----	ESE	1	SE	2	6	9	------
22	55.18	55.22	24.8	31.4	-----	-----	Calm		SEbyS	2	3	8	.1
23	57.13	56.98	25.4	30.7	-----	-----	SE	1	SEbyE	2	9	10	1.1
24	58.41	57.58	25	31.8	-----	-----	SE	1	SEbyS	2	1	3	1
25	58.38	58.57	27.1	31.1	-----	-----	SEbyS	2	SSW	3	3	4	.5
26	58.46	57	24.6	30.4	-----	-----	SSW	1	SSW	1	2	4	------
27	56.63	55.86	24.3	30.6	-----	-----	Calm		SbyW	2	1	1	------
28	56.37	56.85	27.7	31.3	-----	-----	SbyW	2	SW	3	4	3	------
29	58.06	58.22	25.5	33.1	-----	-----	Calm		SE	1	1	5	------
30	58.41	57.67	27.7	31.1	-----	-----	ESE	1	SE	1	2	9	1.1
31	-----	-----	-----	-----	-----	-----	------		------		-----	-----	------
Mean	55.32	54.90	26.5	30.8	-----	-----	1.1		1.9		6.4	7.1	------
Total	-----	-----	-----	-----	-----	-----	------		------		-----	-----	211.8

JULY.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-10). 6 a. m.		Wind, direction and force (0-10). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*					*0–10.*	*0–10.*	*mm.*
1	57.61	57.09	27.2	31.7	(a)	(a)	ESE	1	ESE	1	2	6	0.3
2	57.68	57.14	27.6	31.7	-----	-----	E	1	EbyS	1	1	5	.5
3	57.70	57.57	27.7	32.7	-----	-----	EbyS	1	ESE	2	8	8	------
4	57.58	57.02	27.6	32	-----	-----	SE	1	E	3	3	4	.8
5	57.38	56.78	27.8	32.5	-----	-----	ESE	2	SE	2	6	4	------
6	57.60	58.21	27.5	32.4	-----	-----	Calm		SE	1	3	6	------
7	59.25	59.09	25.2	31.2	-----	-----	Calm		SW	1	1	10	8.9
8	58.59	57.11	26	31.4	-----	-----	Calm		SE	1	5	7	------
9	57.68	57.50	26.1	32.4	-----	-----	Calm		SE	1	2	6	------
10	58.89	58.71	26.7	32.4	-----	-----	SE	1	SE	2	1	3	------
11	59.30	58.86	27.5	32	-----	-----	SE	2	ESE	2	3	2	------
12	59.86	58.88	27.5	31	-----	-----	SEbyS	1	E	2	1	10	1
13	59.21	59.06	26.9	32.6	-----	-----	E	2	E	2	2	4	.4
14	59.16	58.80	27.4	32.8	-----	-----	SE	1	SE	2	6	4	------
15	58.34	58.10	27.7	32.8	-----	-----	SE	2	SE	2	4	4	------
16	58.50	58.12	28.1	32.7	82	64	SE	2	SE	2	1	5	2
17	58.60	58.32	27.3	32.8	82	62	E	1	E	2	1	2	2.8
18	58.43	58.23	27.4	29.7	89	83	E	2	E	2	2	9	14
19	58.08	57.38	27.1	32.5	92	80	E	1	SE	2	5	5	------
20	57.67	56.82	25.6	29.4	91	85	Calm		NW	1	1	6	3.3
21	57.11	56.66	26	30.8	92	78	Calm		E	2	1	4	10.2
22	55.92	54.99	26.6	31	92	73	Calm		E	2	4	6	.5
23	54.30	53.76	26.8	31.8	92	75	E	1	N	2	1	1	------
24	54.46	54.93	26.8	32	89	74	ENE	1	N	1	2	3	10.9
25	55.73	55.73	26.6	29.8	93	84	N	1	N	1	8	9	13.7
26	55.87	54.97	26.6	31	90	75	N	1	N	1	5	9	------
27	55.41	54.46	26	26.8	92	94	E	1	Calm		9	9	17.6
28	54.78	54.60	24.8	30.1	93	84	N	1	W	1	10	8	------
29	54.47	54.68	27.8	31	89	76	W	2	WSW	2	7	5	1.4
30	55.41	55.67	27.7	30.8	91	83	SW	1	SW	2	9	9	------
31	55.41	55.44	27.6	31	87	80	SW	3	SW	3	9	9	------
Mean	57.26	56.92	26.9	31.4	89.8	73.1	1.1		1.6		3.9	5.9	------
Total	-----	-----	-----	-----	-----	-----	------		------		-----	-----	88.3

AUGUST.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-10). 6 a. m.		Wind, direction and force (0-10). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*					*0–10.*	*0–10.*	*mm.*
1	53.30	56.14	27.8	31	88	81	swbyw	3	SW	3	10	7	------
2	55.92	55.23	27.6	31.4	92	80	SW	3	SW	4	7	7	0.8
3	55.60	55.09	27.7	30.7	87	80	swbys	4	SW	4	8	6	1.1
4	56.34	56.60	27.4	28.8	93	83	SW	5	W	3	6	10	2.3
5	55.90	55.68	27.4	29.8	91	84	swbyw	5	SW	3	9	10	.1
6	54.97	54.60	27.2	29.9	90	79	SW	3	SW	3	8	10	2.4
7	55.06	54.93	26.4	29	94	87	SW	5	SW	5	10	10	6.6
8	55.15	55.17	27	26.4	92	90	SW	3	WSW	6	9	10	44.4
9	53.25	53.46	26.4	28.6	93	80	W	3	WNW	3	10	10	3.3
10	51.77	50.02	27.1	28.9	88	80	swbyw	5	WSW	5	10	10	49.8
11	49.77	49.32	26.9	28.9	88	83	SW	3	SW	3	9	10	28.7
12	49.37	49.22	26.5	27.2	90	83	SSW	4	SSW	6	9	10	40.7
13	47.68	50	26.2	27.2	94	92	SW	6	swbys	6	10	10	14.2
14	52.22	53.65	26.4	29	94	86	SSW	5	SW	4	3	10	4.6
15	55.99	56.19	27.2	29.8	92	85	S	2	SW	2	2	4	1
16	56.85	54.98	27.2	29	89	85	SW	2	SW	4	4	6	24.9
17	52.67	52.15	26.6	29.9	90	82	SSW	5	SW	6	10	10	20
18	52	51.93	26.3	29.4	88	84	SW	6	swbys	6	10	10	2.3
19	52.53	53.35	27	28.9	87	80	SSW	5	SW	4	8	10	12.7
20	53.55	54.10	26.3	28	85	80	SW	5	SW	4	9	10	7
21	55.27	56.67	27	30	89	78	SW	3	SSW	3	10	8	------
22	58.50	58.08	27.4	30	91	82	SSW	2	SSW	2	7	9	------
23	57.73	56.22	27.3	30.3	90	76	SSW	2	SW	2	7	7	15.9
24	55.06	55.21	26.6	26.2	87	87	S	2	SSW	4	9	10	54.6
25	55.50	57	27	29.7	87	76	swbys	4	SSW	2	9	8	19.6
26	58.68	58.29	24.8	29.6	92	77	Calm		NE	2	2	4	------
27	58.99	58.07	26	31.3	89	69	E	1	E	2	4	3	------
28	58.25	57.69	26.6	30.9	86	73	ESE	1	ESE	2	5	5	------
29	57.30	57	27.1	31.4	88	72	SSE	2	SSE	3	1	6	------
30	57.67	57.15	26.1	30.1	89	75	Calm		S	1	1	7	.5
31	58.97	58.28	26	30.9	90	71	Calm		SSE	1	1	6	2.5
Mean	54.99	54.89	26.8	29.4	89.8	80.6	3.1		3.5		7	8.2	------
Total	-----	-----	-----	-----	-----	-----	------		------		-----	-----	360.5

[a] No wet thermometer.

SANTO DOMINGO, BATANES.

[$\phi = 20°\ 28'$ N; $\lambda = 121°\ 59'$ E; barometer above sea, 18.7 meters; gravity correction not applied, —1.49 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.		Wind, direction and force (0–12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*					*0–10.*	*0–10.*	*mm.*
1	59.74	59.24	26.4	30.3	89	73	E	1	E	3	6	5	1.9
2	58.85	57.09	26.2	30.6	89	72	Calm		NE	3	1	4	13
3	54.90	53.72	26	29.2	85	70	ENE	3	ENE	3	7	8	38.5
4	48.69	46.83	24.6	26.6	93	89	NE	5	EbyS	4	10	10	97.2
5	52.17	53.91	27.7	30.1	91	77	SE	4	SE	4	10	8	------
6	55.97	56.65	27	30.6	86	76	SE	2	ESE	2	7	5	1.1
7	58.14	57.69	26.1	31.1	85	73	E	1	E	3	9	7	9.3
8	58.37	57.23	26.1	30.6	87	74	NE	2	NE	1	7	6	3.8
9	57.87	56.83	25.4	30.2	91	72	Calm		NNE	3	2	5	------
10	57.76	57.22	26	31.4	90	70	E	1	ESE	2	8	4	3.7
11	58.25	57.48	27	31.6	89	71	E	2	ESE	3	5	5	------
12	59.13	58.41	27	31.5	87	73	E	2	E	3	4	3	------
13	58.75	58	26.8	31.3	88	70	E	1	E	3	2	4	12.2
14	57.94	57.13	26.8	31	86	71	E	2	E	3	5	4	6.1
15	57.76	57.55	27	30.2	86	70	ENE	3	ENE	4	5	5	11.3
16	58.57	57.82	26.2	28.5	85	77	E	2	E	3	3	6	20.8
17	57.65	56.53	24.7	29.2	91	79	E	1	NNE	3	8	6	2.8
18	55.80	54.90	26	30.2	85	70	NE	2	NE	2	8	7	------
19	55.80	54.79	26.1	30.1	86	73	N	2	N	2	5	5	------
20	55.93	55.35	26.2	30.3	87	71	NW	2	NW	3	3	5	------
21	54.40	53.20	26.2	30.6	89	73	WNW	3	W	4	3	5	------
22	53.73	53.30	26.2	30.8	90	73	W	1	N	1	5	8	35.8
23	53.26	52.30	26.6	28.1	87	84	N	4	NE	4	10	8	6.6
24	50.44	50.26	26.4	27.1	89	90	E	3	ESE	3	8	10	13
25	51.14	51.07	26	27.5	87	81	SE	5	ESE	5	10	10	46.4
26	52.98	54.41	25.4	25.6	90	93	SE	5	Calm		10	10	61
27	55.81	55.54	24.8	25.2	90	83	E	1	NE	2	7	8	------
28	56.13	55.21	26	29.4	89	74	NNE	1	NNE	3	6	6	7.9
29	56.32	56	25.4	28.1	88	75	NE	3	NEbyN	3	10	8	43.4
30	56.72	56.57	24.7	25.7	91	92	NE	3	NE	3	10	10	37.3
31	------	------	------	------	------	------	------		------		------	------	------
Mean	55.97	55.41	26.1	29.4	88.2	76.3	2.2		2.8		6.5	6.5	------
Total	------	------	------	------	------	------	------		------		------	------	473.1

OCTOBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.		Wind, direction and force (0–12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*					*0–10.*	*0–10.*	*mm.*
1	56.82	57.53	25.2	29.6	92	77	S	1	N	2	7	4	0.1
2	58.27	57.54	25.2	28.2	95	76	NE	3	NE	3	7	7	------
3	58.07	57.64	25	28.8	88	70	N	3	NNE	3	7	7	1
4	58.38	57.77	24.3	26.7	86	70	N	5	N	6	10	10	2
5	58.75	58.04	25	27.7	82	68	N	5	NNE	5	10	8	9.4
6	58.43	57.48	25.2	25.1	87	88	NNE	5	NE	4	8	10	112.5
7	58.47	58.11	24.2	27.4	93	81	NE	3	NE	3	10	10	18.3
8	58.91	58.02	25.6	29.5	91	75	NE	2	NE	3	7	6	2
9	58.52	56.68	26.3	28.6	88	80	NE	3	NE	3	7	8	26.9
10	55.90	54.40	26.2	26.3	90	86	E	3	SSE	4	10	10	65.3
11	56.62	56.22	26	27.7	90	76	S	4	S	3	10	10	1.8
12	57.60	57.19	26.3	29.3	86	76	SSW	4	SW	3	7	7	------
13	59.07	59.48	25.2	29.1	88	74	Calm		E	3	5	8	47.2
14	60.76	59.67	25.3	25.7	91	92	NE	4	NE	4	9	9	42.1
15	59.40	58.04	25.7	27.3	88	85	ENE	1	NEbyN	2	4	9	61
16	59.11	58.40	23.8	26	95	82	E	1	E	3	10	10	46.5
17	58.78	57.75	25	25.2	92	82	E	3	ENE	4	9	10	62.5
18	58.60	57.59	24	27	87	80	ESE	4	SE	3	10	10	14.8
19	58.42	57.32	25	27.1	91	83	SE	2	E	2	10	10	76.9
20	59.03	58.75	24.3	26.1	89	86	E	2	NNE	2	10	10	32.9
21	60.75	60.36	25.4	30.6	92	72	SE	2	ENE	2	6	4	------
22	60.77	59.42	26.6	30.6	84	68	ENE	2	EbyN	3	4	4	13.6
23	59.86	58.73	26	30.7	92	71	ENE	3	E	3	6	4	.3
24	60.07	59.83	26.3	31.1	90	71	E	3	E	3	4	3	------
25	61.15	60.18	26.2	29.1	90	77	ESE	2	E	3	7	7	5.5
26	62.85	61.59	26.5	29.9	80	71	ENE	3	ENE	4	4	5	23.1
27	61.70	60.44	26.5	30.1	85	71	E	3	E	4	7	4	2.5
28	60.59	59.12	25.5	30.2	86	73	Calm		ENE	3	1	4	3
29	60.68	60.18	24.7	28.1	85	77	ENE	1	NE	4	1	5	4.7
30	61.40	60.10	24.2	26.7	83	84	NE	1	NNE	4	6	8	16.7
31	60.73	59.30	24.1	27.9	87	68	NNE	4	NNE	4	9	5	------
Mean	59.31	58.48	25.3	28.2	88.5	77.1	2.6		3.3		7.2	7.3	------
Total	------	------	------	------	------	------	------		------		------	------	692.6

NOVEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.		Wind, direction and force (0–12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*					*0–10.*	*0–10.*	*mm.*
1	58.83	57.62	24	28.1	83	66	NNE	3	NNE	4	4	4	------
2	58.73	57.79	25.6	28.2	81	78	NE	2	ENE	2	6	4	1.5
3	59.55	58.60	26.2	30.6	84	69	EbyN	2	E	3	4	4	.7
4	59.95	58.19	25.3	29.4	89	72	Calm		NE	3	5	4	------
5	58.56	57.15	25	29.1	90	69	NE	2	NE	3	8	3	------
6	57.97	56.67	24.2	28.2	83	65	N	2	N	4	6	0	------
7	56.90	55.23	25.2	27.4	79	81	NbyW	3	NNW	3	4	8	12.6
8	56.17	56.20	24.8	27.9	90	77	NNE	4	N	5	9	6	2.5
9	59.43	59.31	24.6	25.4	80	70	N	5	NNE	5	7	9	.8
10	61.19	60.32	23	24.6	79	74	NNE	4	NNE	4	9	9	6.3
11	60.90	60.56	21.6	22.7	82	80	NNE	4	NNE	4	9	8	10.5
12	62.77	62.50	21.8	25.6	79	57	NEbyE	3	NEbyE	3	8	3	.4
13	64.05	62.81	21.2	24.5	84	72	ENE	3	NEbyE	5	10	9	9.8
14	62.97	61.90	23	25.1	88	76	NEbyE	6	NE	5	8	8	11.2
15	62.42	61.24	23.2	24.2	81	78	NEbyN	6	NEbyN	6	10	10	8.5
16	59.75	57.94	22.8	23.4	89	90	NEbyN	5	NE	5	10	10	47.9
17	58.28	56.96	23.2	25.7	90	80	NNE	5	NE	4	8	8	5
18	60.16	59.65	24.2	25	86	80	NE	4	ENE	4	9	9	22.4
19	60.67	59.58	23.7	24.8	91	87	ENE	4	NE	3	10	10	42.4
20	60.01	59.40	24	26	88	78	ENE	4	ENE	4	9	9	4.1
21	60.28	60.07	23.6	24.7	83	74	NE	5	NNE	6	10	10	38.2
22	61.02	60.71	23.1	23.7	90	87	NE	6	NE	5	10	10	71.4
23	61.18	59.71	23.8	26.6	88	83	ENE	1	ENE	1	10	10	14.9
24	60.14	58.53	23.2	26.7	93	79	E	2	E	3	10	9	63.1
25	59.51	58.75	24	27	81	67	ENE	4	ENE	3	8	7	.1
26	58.43	57.41	24.6	26.5	82	73	NE	3	NE	4	7	7	2.7
27	58.34	57.70	24.6	26.1	76	71	NNE	5	NEbyN	5	7	8	5.3
28	59.72	59.24	22.2	23.6	86	78	N	6	N	6	10	10	7.9
29	59.69	59.14	21.7	23.2	76	68	NNE	6	NNE	5	7	7	2.9
30	62.32	61.88	20.5	21.8	60	57	NNE	6	NNE	5	7	8	7.5
31	------	------	------	------	------	------	------		------		------	------	------
Mean	60	59.09	23.6	25.9	83.7	74.5	3.8		4.1		8	7.4	------
Total	------	------	------	------	------	------	------		------		------	------	400.6

DECEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.		Wind, direction and force (0–12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*					*0–10.*	*0–10.*	*mm.*
1	62.62	61.14	19.7	21.6	75	74	NE	5	NNE	5	10	7	13.6
2	61.50	61.56	20	21.6	81	82	NE	6	NE	5	10	10	26.7
3	61.28	60.78	21.4	23.1	87	79	NEbyE	5	ENE	4	10	10	47.5
4	60.84	60.17	22.6	23.5	91	92	NEbyE	4	NE	4	10	10	30.6
5	60.07	59.11	23	25.1	91	83	ENE	3	ENE	3	10	9	2.6
6	59.34	58.95	24	28.3	85	72	ENE	3	E	3	4	4	2.8
7	59.84	59.71	24.1	26.2	82	75	NE	3	NE	3	5	7	1.7
8	59.80	59.54	23.4	24.3	88	85	NNE	4	NNE	5	10	10	7.6
9	60.75	60.09	22.5	23.1	89	87	NNE	6	NEbyE	5	10	10	37
10	60.32	59.98	22.4	22.1	89	95	NE	5	NE	5	10	10	44.9
11	60.61	60.44	21.8	22.4	87	86	NEbyE	4	ENE	4	10	8	3.2
12	61.39	60.79	22	23.1	79	69	NEbyN	5	NEbyE	5	9	8	2.6
13	61.59	60.25	22.5	23.8	91	89	NE	4	NE	3	10	10	39.6
14	59.79	59.18	23.2	26.7	93	83	ESE	1	ENE	3	7	5	14.2
15	60.58	60.13	22.6	22.1	79	83	N	6	N	6	10	10	21.2
16	60.96	59.96	20.6	22.1	87	85	NNE	6	NNE	4	10	10	64.8
17	59.74	58.97	22	22.4	84	95	NE	4	NEbyE	4	10	10	92.2
18	59.75	58.43	21.4	23.1	91	90	ENE	3	ENE	3	10	10	72.2
19	58.06	57.47	21.8	24.4	90	85	NEbyN	3	NE	3	10	8	23.9
20	59.21	59.30	22.2	22.6	85	86	N	5	NE	4	10	9	6.4
21	60.64	60.04	22	24.1	80	70	ENE	4	ENE	3	8	9	.1
22	60.39	59.51	22.2	25.6	76	63	ENE	1	ENE	3	8	7	.4
23	59.79	58.63	22.6	26.1	76	65	ENE	3	EbyN	4	10	7	------
24	59.10	58.31	22.8	28.2	85	66	E	1	E	1	3	3	.3
25	59.80	59.83	23	27.1	91	70	NNE	1	NE	2	8	8	4.1
26	61.34	61.15	21.6	23.2	74	65	NE	4	ENE	4	10	10	.6
27	61.90	61.08	21.5	22.7	74	65	NE	3	NE	4	9	9	3.2
28	63.13	62.26	21	21.5	66	61	NE	2	NE	4	10	7	.5
29	61.82	60.33	20.7	22.7	69	69	E	3	ESE	1	9	9	11.2
30	59.76	58.74	21.8	23.2	89	81	E	2	E	3	10	10	127.9
31	59.93	59.64	21.2	21.9	92	92	NNE	4	NNE	5	10	10	35.5
Mean	60.51	59.85	22.1	23.8	83.7	78.8	3.6		3.7		9	8.5	------
Total	------	------	------	------	------	------	------		------		------	------	739.1

ANNUAL SUMMARIES FOR FIRST AND SECOND CLASS STATIONS, 1916.

SURIGAO.

Month.	Pressure (mean).	Temperature. Mean.	Maximum.	Date.	Minimum.	Date.	Relative humidity (mean).	Rainfall. Total.	Maximum in 24 hours.	Date.	Cloudiness (mean).	Wind. Number of winds from six daily observations. N, NNE.	NE, ENE.	E, ESE.	SE, SSE.	S, SSW.	SW, WSW.	W, WNW.	NW, NNW.	Calm.	Total monthly velocity.	Average daily velocity.[a]	Average hourly velocity.
	mm.	*°C.*	*°C.*		*°C.*		*P. ct.*	*mm.*	*mm.*		*0–10*										*Km.*	*Km.*	*Km.*
January	757.28	25.5	33.7	15	20	1	92	1,064.2	119.1	25	7.9	25	31	24	1	6	16	9	27	47	[b]9,724.6	313.7	13.1
February	57.99	25.7	33.1	1	19	10	87.1	270.4	56.1	28	7.6	16	19	41	14	24	19	13	12	16	5,811.2	200.4	8.4
March	58.97	25.9	32.1	13	21.8	11	87.4	588.5	221	3	8	12	64	53	14	18	3	1	12	14	7,924.8	255.6	10.6
April	58.29	26.6	34	25	21	2	88	247.3	71.1	7	7.1	11	31	23	14	17	30	17	13	24	5,844.8	194.8	8.1
May	57.55	26.4	34.1	29	21.5	2	83.8	374.7	119.4	1	7.8	15	12	33	10	27	32	15	6	36	3,799.3	122.6	5.1
June	57.19	26.9	35.5	16	22?	18	87.1	85.3	21.1	21	7.7	7	7	20	11	37	29	24	18	27	3,086.1	102.9	4.3
July	57.67	27	36.2	31	21.9	4	-----	143.3	31.6	16	7	4	4	39	14	32	36	17	13	27	3,902.6	125.9	5.2
August	58.41	27.6	37	19	22.6	7	79.7	75.8	24.4	9	7.2	2	7	34	12	42	33	19	11	26	4,191.3	135.2	5.6
September	57.21	27	35.1	17	22.6	30	81.4	118.5	33	21	8	4	5	23	11	39	44	18	7	29	4,304	143.5	6
October	57.85	26.6	34	10	22.4	29	84.6	191.5	38.6	26	7.2	5	16	39	21	40	21	7	10	27	4,057	130.9	5.5
November	56.85	25.3	33.1	20	22.1	23	85	400.9	108	28	7.5	5	16	17	5	23	44	22	23	25	4,997.2	166.6	6.9
December	56.48	25.5	32.7	3	22	26	89.6	617.2	91.8	13	8.2	4	22	78	28	19	4	6	6	19	5,883.9	189.8	7.9
Year	57.64	26.4	37	---------	19	-------	86.4	4,177.6	221	-------	7.6	110	234	424	155	319	311	168	158	317	63,526.8	173.5	7.2

CEBU.

January [c]	758.11	26.2	-----	---------	19.5	1	78.8	-----	-----	-------	6.6	50	21	1	0	6	20	3	3	16	--------	410.6	17.1
February	58.06	26.7	32.5	5	20.9	13	75.9	[d]102.8	[d]17.8	29	[d]5.4	[e]58	57	2	5	6	2	4	6	16	--------	287.2	12
March	59.01	26.8	32	8	21.6	4	75.7	77.4	23.1	3	4.9	85	89	2	0	1	0	0	0	9	11,403.9	368	15.3
April	58.36	27.5	32.8	27	21.3	2	76.1	102.4	31.7	17	4.9	48	64	1	6	13	9	2	11	26	8,727.4	290.9	12.1
May	57.57	27.5	34	25	22.3	30	78.2	187.7	64.8	30	5.5	29	35	4	10	21	25	9	16	37	--------	244	10.2
June	57.14	27.5	33.5	17	22	18	77.3	204.6	42.9	21	5.7	13	10	6	11	37	57	16	15	15	8,273.4	275.8	11.5
July	57.65	27.7	33.1	19	22.2	5	[e]78	226.9	41.7	1	[e]5.6	33	31	3	8	29	27	15	12	28	7,753.8	250.1	10.4
August	58.41	27.9	33.3	17	22.9	26	[f]74.8	169.5	42.9	4	[f]6.7	29	16	2	5	34	58	25	7	10	10,664.1	344	14.3
September	57.23	27.6	33.4	5	22.5	12	74.6	230.9	59.7	11	7.4	27	15	4	1	36	57	9	11	20	9,474.5	315.8	13.2
October	57.92	27.3	33.2	23	22.9	7,30	77.8	335.5	49.9	2	6.2	47	48	9	5	17	7	8	17	28	7,125.2	229.8	9.6
November	57.06	26.8	33	1	22	13	76.6	251.1	82.4	29	6.5	34	22	7	5	13	23	18	27	31	7,505	250.2	10.4
December	56.51	26.6	31.6	5	22.8	24	80.4	136.5	60.3	17	6.5	93	63	5	2	1	1	0	9	12	9,862.6	318.1	13.3
Year	57.75	27.2	34	---------	19.5	-------	77	-------	82.4[f]	-------	6	546	471	46	58	214	286	109	134	248	--------	298.7	12.4

ILOILO.

January	758.02	25.7	32.4	31	20.5	1	84	154	39.1	1	7.5	75	79	3	2	3	15	1	1	7	12,919.9	416.8	17.4
February	58.05	26	33	6	18.9	10	81.4	209.4	55.9	2	6.2	44	72	9	7	3	17	5	1	16	8,924.4	307.7	12.8
March	58.92	26.6	32.9	7	21.9	1	78	75.6	57.7	1	6.3	83	92	8	0	1	0	0	1	1	14,337.6	462.5	19.3
April	58.29	27.5	33.5	24	22.1	2	75.1	16.8	15.5	17	5	58	72	8	1	3	16	2	5	15	11,065.2	368.8	15.4
May	57.49	26.9	33.5	11	21.7	6	81.8	245.8	120.4	4	6.2	55	43	4	1	4	25	8	14	32	7,008.2	226.1	9.4
June	57.17	26.9	33.3	25	21.9	30	83.4	371	61.7	13	7.9	12	9	6	5	19	74	9	9	37	5,990.1	199.7	8.3
July	57.61	27.1	33	9,10	23	3,28	81.3	221.4	74.4	13	6.7	33	30	4	3	12	50	8	11	35	6,481	209.1	8.7
August	58.33	27.4	32.5	23	22	29	80.1	252.5	39.4	17	6.8	19	11	4	2	16	101	6	6	21	8,305	267.9	11.2
September	57.11	26.7	32.7	6	21.6	26	81.9	321.9	104.1	24	8.1	12	24	2	1	13	75	8	10	35	7,216.2	240.5	10
October	57.78	26.8	33	23	22.7	9	82.9	299.2	54.8	24	6.5	60	35	5	1	2	26	3	9	45	6,487.4	209.3	8.7
November	57.10	26.2	32.5	7	21.5	26	84	184.1	29.7	4	7.4	43	49	6	4	0	26	1	14	37	6,406.3	213.5	8.9
December	56.40	26.2	31.3	19	21.4	27	82.8	86.8	15.2	19	6.5	108	71	2	0	0	0	1	4	0	12,157.9	392.2	16.3
Year	57.69	26.7	33.5	---------	18.9	-------	81.4	2,438.5	120.4	-------	6.8	602	587	61	27	76	425	52	85	281	107,299.2	292.8	12.2

ORMOC.

January	757.73	25.4	32.8	5	21.4?	15	86.9	549	181.4	14	8.2	[g]12	10	3	13	13	4	10	49	70	--------	195.8	8.2
February	58.35	25.5	32.7	6	14.8	9	83.7	253.5	78.7	29	6.7	15	9	6	13	14	3	8	19	87	3,886.2	134	5.6
March	59.28	26.3	33.5	22	19.2	8	79.4	140.7	28.7	3	6.6	16	36	4	14	5	14	4	11	82	4,547.6	146.7	6.1
April	58.57	26.4	33.3	4	18.9	2	82.2	203.3	62.5	17	6.3	9	12	3	10	13	12	11	8	102	4,010.2	133.7	5.6
May	57.80	26.3	32.2	17, 18, 22	21.1	22	85.9	260	128.1	2	6.7	7	3	4	25	18	9	3	4	113	3,836	123.7	5.2
June	57.46	26.5	32.3	7	21.7	23	85.2	325.5	78	29	7.1	4	2	2	36	13	6	3	5	109	--------	127.1	5.3
July	57.92	26.4	32.2	8, 11	21.3	1	85.7	180.5	43.9	31	6.3	9	5	6	31	13	5	6	6	105	3,865.4	124.7	5.2
August	58.62	27.4	34	25	21.5	22	80.9	134.9	23.9	5	6.7	0	8	12	45	26	4	2	3	86	[b]5,160.3	166.5	6.9
September	57.43	26.9	32.6	19, 30	21.9	9	84.1	278.8	75.2	13	7.9	3	4	11	20	22	6	1	3	110	4,564.4	152.1	6.3
October	58.05	26.2	33.9	1	21.3	4, 25	85.4	98.2	19.8	20	6.9	3	4	5	13	24	7	1	4	125	--------	109.9	4.6
November	57.12	25.9	33.8	4	19.9	6	85.8	200	42.2	29	7.2	2	9	2	10	8	5	6	10	128	3,021	100.7	4.2
December	56.68	25.7	32.7	4	19.4	23	86	391.6	252.2	1	7.7	5	22	8	8	13	5	4	8	113	3,598.6	109.6	4.6
Year	57.92	26.2	34	---------	14.8	-------	84.3	3,016	252.2	-------	7	85	124	66	238	182	80	59	130	1,230	--------	135.4	5.6

[a] Owing to some unavoidable defects in the recording instruments, the velocity of the wind had to be omitted occasionally for a few days in several of the stations included in these summaries.
[b] 6 hours missing.
[c] 20 days of observation.
[d] 26 days of observation.
[e] No observation was made of wind direction on February 1 to 3.
[f] 17 days of observation.
[g] No observation was made of wind direction on January 3, 2 a. m. and 6 a. m.
[h] 7 hours missing.

TACLOBAN.

Month.	Pressure (mean).	Temperature. Mean.	Maximum.	Date.	Minimum.	Date.	Relative humidity (mean).	Rainfall. Total.	Maximum in 24 hours.	Date.	Cloudiness (mean).	Wind. Number of winds from six daily observations. N, NNE.	NE, ENE.	E, ESE.	SE, SSE.	S, SSW.	SW, WSW.	W, WNW.	NW, NNW.	Calm.	Total monthly velocity.	Average daily velocity.	Average hourly velocity.
	mm.	°C.	°C.		°C.		*P.ct.*	*mm.*	*mm.*		*0–10*										*Km.*	*Km.*	*Km.*
January	757.61	25.5	32.3	5	21.6	14	88.1	835.9	246.7	14	9	0	3	13	20	5	0	19	78	48	8,027.9	259	10.8
February	58.18	25.9	32.1	8	20	9	84.8	241.3	49.3	18	7.7	0	1	14	16	2	0	31	44	66	4,807.9	165.8	6.9
March	59.31	26.1	32.8	9, 23	20.1	8	84.2	221.3	61.2	3	8.1	1	4	30	13	1	0	24	49	64	5,289.2	170.6	7.1
April	53.32	27	33.7	22	22.7	2	83.1	128.4	26.9	7	7.9	2	1	22	15	1	0	33	46	60	5,706.9	190.2	7.9
May	57.57	26.8	33.1	12, 30	22.3	5	86.5	340.1	131	2	8	0	2	11	42	6	1	20	23	81	5,149.1	166.1	6.9
June	57.09	27.1	33.5	5	22.2	30	85.1	172.7	33.8	18	8.4	1	0	22	22	6	1	15	10	103	3,668.3	122.3	5.1
July	57.68	27.1	33.7	27	22.5	1, 2	85.7	122.9	33.3	13	7.7	0	0	15	37	3	0	14	23	94	4,017.8	129.6	5.4
August[a]	58.35	27.5	35.3?	9	22.4	30	82	------	------	------	8	0	0	16	28	9	3	13	5	76	4,637.5	149.6	6.2
September	57 06	26.8	33.5	20	22.1	4	85	132.3	28.7	9	9	0	0	15	26	12	1	16	27	83	4,718.5	157.3	6.6
October	57.99	26.6	33.5	11	22.4	4	86.5	184.2	41.2	16	8	0	1	10	39	3	0	26	20	87	4,337.4	139.9	5.8
November	53.94	26.2	32.7	9	22.3	23	86.5	286.8	50.6	10	8.1	0	1	6	6	1	2	28	76	60	5,061.2	168.7	7
December	56.73	25.5	32.5	5	21.4	2	89.8	519.1	86.2	1	8.4	2	2	12	16	0	2	32	43	77	4,650	150	6.2
Year	57.74	26.5	35.3?	------	20	------	85.6	------	246.7	------	8.2	6	15	186	280	49	10	271	444	899	60,071.7	164.1	6.8

CAPIZ.

January	758.63	25.8	31.6	4	21.7	17, 18	85.6	627	370.2	1	8.3	68	62	7	2	3	1	4	21	18	------	267.4	11.1
February	58.64	26	32.4	5	19.3	9	83.8	129.8	45.8	22	6.5	32	54	10	2	1	0	1	8	66	------	139.9	5.8
March	59.71	26.7	32.6	8, 27	22.9	3	81.1	76.4	19.8	3	6.5	22	118	11	1	0	0	0	3	31	5,761.9	185.9	7.7
April	58.86	27.5	34	27	21.8	2	83	27.3	11.2	6	5.5	22	70	5	0	1	0	7	18	57	4,632.9	154.4	6.4
May	57.83	27	33.4	15, 25	21.8	6	85.4	327.2	105.6	2	7	34	42	12	9	4	6	1	10	68	3,786.4	122.1	5.1
June	57.18	26.8	34.2	16	22.4	30	85.9	357	54.6	27	7.6	18	23	2	16	33	14	3	2	69	2,761	92	3.8
July	57.78	26.8	34 4	25	22.1	1	85.4	291.1	51.5	13	6.9	10	37	2	18	22	7	3	6	81	2,807.4	90.6	3.8
August	58 29	26.8	35.4	10	22.4	25	84.4	320.4	85.8	13	7.2	7	21	0	9	42	19	3	8	77	------	105	4.4
September	57.14	26.4	34.9	5	22.1	17	86	178.4	20.9	14	8.4	8	7	7	14	33	21	7	12	71	2,889.3	96.3	4
October	58.08	26.8	33.9	5	22.6	5, 7	86.5	267.6	52.5	24	7.2	6	46	27	11	6	4	1	4	81	3,185.2	102.7	4.3
November	57.42	26.5	33.2	9	22	23	84.6	309.6	73.2	17	7.4	33	34	6	9	2	3	7	23	63	4,237.4	141.2	5.9
December	57.15	26.5	31.8	5	22.2	24	84.9	165.8	36	17	7.6	17	103	23	1	0	0	0	3	39	5,312.4	171.4	7.1
Year	53.06	26.6	35.4	------	19.3	------	84.7	3,077.6	370.2	------	7.2	277	617	112	92	147	75	37	118	721	------	139.1	5.8

CALBAYOG.

January	758.08	25.2	[b]32.7	9	21.3	18	89	680.3	158.7	1	7.9	103	26	4	12	4	2	3	9	23	5,313.3	171.4	7.1
February	58.42	25.4	[c]33.7?	6	17	9	85	120.8	41.1	18	5.5	90	15	2	2	17	3	3	12	30	[d]3,832.4	132.2	5.5
March	59.57	25.8	34.5	29	20.6	18	83.3	86.1	24.6	15	5.4	77	36	1	4	8	2	3	10	45	4,835	156	6.5
April	58.55	26.6	35.3	12	19.9	2	83	162.9	53.9	27	5.1	57	23	2	3	10	11	11	10	53	4,591.6	153.1	6.4
May	57.78	26.2	34.2	25	21.6	17	88.2	214.9	77.1	5	5.9	70	10	2	6	26	2	8	3	59	3,276.8	105.7	4.4
June	57.24	26.8	35	5	21.8	2	85.2	286	64	21	6.2	67	7	3	7	16	33	12	3	27	3,801.3	126.7	5.3
July	57.80	26.7	35	29	22	7	86.5	101.1	26.2	18	6.1	77	3	9	10	19	20	6	17	25	3,888.5	125.4	5.2
August	58.37	27.8	34.6	13	22.3	31	81.1	151.1	37.5	14	6.1	41	6	4	9	46	44	9	8	19	5,729.1	184.8	7.7
September	57.16	26.9	35.2	19	22.8	9	85.3	371.1	177.9	22	7.6	34	2	6	10	34	23	19	5	47	4,981.2	166	6.9
October	58.17	25.9	33.1	6	21.7	4	88.6	337.8	44.3	15	6.6	73	8	9	13	15	3	2	4	59	3,183.8	102.7	4.3
November	57.10	25.9	34.4	9	21.5	25	87.1	191.4	29.1	27	6.1	64	3	1	2	14	4	9	17	66	3,320	110.7	4.6
December	56.98	25.4	32.8	18	20.5	23	88.6	227.9	54.9	1	6.4	80	25	6	3	8	0	3	6	55	3,460.8	111.6	4.6
Year	57.94	26.2	35.3	------	17	------	85.9	2,931.4	177.9	------	6.2	833	164	49	81	217	147	88	109	508	50,213.8	137.2	5.7

LEGASPI.

January	758.57	26.1	32.1	4	21.8	17	84	606.7	105.6	15	7.6	67	102	0	1	1	2	2	2	9	[e]11,711.9	377.8	15.7
February	58.49	26.5	33.1	16	16.7	9	79.8	168.3	53.5	20	5.2	43	90	2	0	3	9	3	2	22	7,126.8	245.7	10.2
March	59.83	27	32.5	31	20.4	5	78.6	103.9	32.4	4	5.9	54	113	5	0	0	0	3	2	9	------	328.6	13.7
April	58.71	27.5	33	3	21.7	1	79.5	121.1	47.9	17	4.3	50	88	5	0	0	3	6	2	26	8,026.2	267.5	11.1
May	57.85	27.8	32.6	16	22.8	30	82.6	477.9	117.2	3	5.1	44	78	22	0	0	0	1	2	39	6,546.5	211.2	8.8
June	56.98	27.5	33.3	27	22	2	82.8	216.3	61.8	22	6.3	7	32	17	5	12	63	7	0	37	5,262.6	175.4	7.3
July	57.60	27.9	34	28, 29	22.7	7	82.5	173.4	45.5	17	5.6	21	60	2	1	14	42	7	1	38	------	193.1	8
August	57.80	28	34.4	21	23.1	23	78.9	146.2	55	28	5.5	1	29	2	4	8	98	19	0	25	[f]7,719.3	249	10.4
September	56.75	26.8	34.9	20	22.3	17	83.6	318.2	55.9	13	7.6	8	23	3	2	20	66	14	0	44	6,036.6	201.2	8.4
October	58.10	26.9	33	7	22.2	7	84.3	453.2	62.8	25	6.9	18	103	4	3	2	20	5	2	29	6,208.8	200.3	8.3
November	57.16	26.4	33	8	20.4	7	82.7	268.5	71.1	22	5.8	53	49	7	3	6	17	6	7	32	6,247.4	208.2	8.7
December	57.27	26.3	30.9	4	21.1	3	84.2	474.9	61	28	6.3	84	88	2	0	1	0	3	1	7	8,652.6	279.1	11.6
Year	57.93	27.1	34.9	------	16.7	------	82	3,528.6	117.2	------	6	450	855	71	19	67	320	76	21	317	------	244.8	10.2

[a] 25 days of observation.
[b] 29 days of observation.
[c] 26 days of observation.
[d] 2 hours missing.
[e] 12 hours missing.
[f] 3 hours missing.

ATIMONAN.

Month.	Pressure (mean).	Temperature. Mean.	Maximum.	Date.	Minimum.	Date.	Relative humidity (mean).	Rainfall. Total.	Maximum in 24 hours.	Date.	Cloudiness (mean).	Wind. Number of winds from six daily observations. N, NNE.	NE, ENE.	E, ESE.	SE, SSE.	S, SSW.	SW, WSW.	W, WNW.	NW, NNW.	Calm.	Total monthly velocity.	Average daily velocity.	Average hourly velocity.
	mm.	*°C.*	*°C.*		*°C.*		*P. ct.*	*mm.*	*mm.*		*0-10*										*Km.*	*Km.*	*Km.*
January	759.58	25.2	31	5	22	16	85.8	411.6	52.3	26	8.8	111	40	4	1	3	2	0	18	7	21,299.8	687.1	28.6
February	58.83	25.5	31.9	5	16.1	8	83.9	79.6	26.3	27	6.5	60	7	2	5	5	20	5	62	8	9,657.2	333	13.9
March	60.12	26.6	31.8	17	21.3	11	80	54.7	12.4	23	6.2	105	38	5	1	3	0	14	12	8	13,925.5	449.2	18.7
April	59.03	27.4	33.4	24	22.1	23	79.9	162	60.2	5	5.9	82	39	0	0	0	9	7	31	12	11,864.6	395.5	16.5
May	57.98	27	33.1	30	22.3	23	85.6	505.7	71.9	3	6.9	50	34	4	1	4	42	7	23	21	10,229	330	13.8
June	56.69	27.1	33.5	18	22.5	2	84.1	294.3	96	11	7.6	10	10	4	10	32	56	7	20	31	6,160.6	205.4	8.6
July	57.43	27.3	34.6	31	22.8	1	83.3	411.6	96.8	18	6.8	27	11	1	7	15	72	6	27	20	7,354.3	237.2	9.9
August	57.38	28	34.7	22	22.8	8	77.4	63.9	20.3	28	6.9	6	2	0	3	31	117	1	2	24	7,200.1	232.3	9.7
September	56.36	26.7	33.6	20	22	18	84	287.3	95.5	14	8.2	7	6	2	10	34	64	14	14	29	6,969.6	232.3	9.7
October	58.20	26.8	32.8	25	22.4	6, 9, 11	85.7	318	83.1	30	8.3	57	40	4	2	6	29	14	16	18	[a]9,068	292.5	12.2
November	57.57	26.4	32.6	8	21.9	30	81.7	601	203.2	20	8	105	6	0	1	3	9	9	35	12	[b]13,984.9	466.2	19.4
December	57.73	26.1	30.8	9	22	23	83.1	422.6	110.5	27	7.8	120	36	0	0	1	1	1	24	3	----------	596.9	24.9
Year	58.08	26.7	34.7	----------	16.1	----------	83.4	3,612.3	203.2	-----	7.3	740	269	26	41	137	421	85	284	193	----------	371.5	15.5

AMBULONG, TANAUAN.

January	758.88	25	31.2	4, 6, 8	18.7	21	84	60.2	25.6	2	8.1	28	127	11	2	0	3	1	6	8	9,862	318.1	13.3
February	58.27	25.6	34.4	29	14.9	8	81	26.4	8.9	20	6.9	30	94	10	0	7	12	1	1	19	----------	210.2	8.8
March	59.34	27.2	35.8	31	21	11	76.3	13.5	6.6	18	6.2	9	133	21	2	2	1	0	0	18	----------	296.2	12.3
April	58.42	28.1	38	25	21	1	74.2	101.5	45.7	26	6.7	17	91	13	5	8	19	4	5	18	----------	268.4	11.2
May	57.33	27.6	34.7	19, 23	22.7	15	77.3	67.3	14.2	4	7.5	12	107	9	7	2	10	2	0	37	6,997.8	225.7	9.4
June	56.23	27	35.6	1	22	3	81.5	243.7	47.3	19	8.7	6	40	9	6	13	43	8	0	55	4,450.7	148.4	6.2
July	57.18	26.7	34.2	30, 31	21.8	22	80.1	221	45.2	21	7.7	12	77	14	2	10	15	18	1	37	4,497.6	145.1	6
August	57.22	27.3	34.9	31	21.5	23	78.5	244.4	125.5	23	7.6	4	44	14	1	9	93	5	0	16	----------	235.3	9.8
September	56.22	25.9	34.9	9	21.6	17	81.1	345.2	62.3	14	8.6	12	52	27	4	13	42	6	3	21	4,680.9	156	6.5
October	57.68	23.3	31.2	1	21.5	3	82.9	236.6	45.9	16	7.8	15	114	15	2	7	11	2	2	18	4,200.5	135.5	5.6
November	57.15	26.4	33.6	8	21.5	8	81.5	103.3	26.7	20	7.5	16	118	15	3	9	10	0	2	7	----------	159.8	6.7
December	57.06	26	32	11, 21	13.7	1	82.4	67.5	29.9	27	6.9	24	148	6	1	0	0	0	0	7	8,739.2	281.9	11.7
Year	57.58	26.6	38	----------	14.9	----------	80.3	1,730.6	125.5	-----	7.5	185	1,145	164	35	80	259	47	20	261	----------	215	9

PARACALE.

January	759.76	25.7	30.8	7	21	18	85.8	367.3	44.5	25	9.1	40	108	11	0	0	0	0	0	27	9,058.9	292.2	12.2
February	59	25.6	31.3	8	17.2	9	85	149.6	46.7	15	6.6	6	65	13	0	0	2	1	1	86	3,561.3	122.8	5.1
March	60.43	25.4	31.5	30	21.9	19	82.2	178.4	94.2	5	7	15	95	20	0	0	0	0	0	56	6,404.8	206.6	8.6
April	59.30	27.1	32	24, 26, 29	21.6	8	82.2	103.8	16.5	8	5.7	15	90	3	0	0	0	0	2	70	5,281	176	7.3
May	58.21	27.4	32.5	21, 31	23.2	6, 23	81.9	357.6	58.2	20	6.5	3	69	19	1	0	0	0	0	94	4,833.6	155.9	6.5
June	56.87	27.2	34	16	23	Various	85.4	203.7	70.9	8	8.2	1	33	6	0	5	6	0	0	129	2,490.9	83.3	3.5
July	57.63	27.6	35.3	28	23.9	7	84.4	148.8	30.3	18	6.8	0	43	4	2	0	5	1	0	131	2,859.4	92.2	3.8
August	57.47	23.6	36.2	20	23.3	21	78.8	79.5	53.3	28	6.6	0	22	0	0	0	46	2	0	116	3,191.3	102.9	4.3
September	53.57	26.9	34.6	21	23	9, 30	86.4	291	59.6	13	8.4	0	14	0	0	12	18	3	0	133	2,544.5	84.8	3.5
October	53.41	26.6	33.3	10	22.3	6	87.6	678.9	259	8	8.1	2	31	43	0	1	2	3	0	104	3,767.5	121.5	5.1
November	57.72	26.2	31.9	8	23.2	30	83.3	585.7	93.9	28	8.5	32	50	6	0	0	2	0	4	86	4,515.9	150.5	6.3
December	57.97	26	30.4	13, 19	22.2	1, 2, 3	87.4	795.7	157.5	27	7.8	10	128	2	0	0	0	0	0	46	----------	209	8.7
Year	53.28	26.8	33.2	----------	17.2	----------	84.7	3,943	259	-----	7.4	124	748	127	3	18	81	10	7	1,078	----------	149.8	6.2

DAGUPAN.

January	759.13	25.6	34.7	1	16.4	19	75.2	9.3	3.6	8	6.1	20	3	5	52	24	2	3	42	35	6,137.2	198	8.2
February	53.25	26.1	35.2	23, 27	17.6	9	77.5	68.9	21.3	3, 22	5.4	15	4	4	30	16	5	5	56	39	5,879.3	202.7	8.4
March	59.13	27.3	37.2	30	21	2	72.8	2.1	1.3	18	3.5	11	0	5	51	33	4	2	58	22	8,150	262.9	11
April	58.20	28.3	37.7	13, 29	22.5	14, 17, 25	72.5	23.9	16.5	5	4.1	8	0	4	52	19	2	5	77	13	7,833.3	261.1	10.9
May	57.20	28.7	38.7	10	22.4	22	74	241.6	64.8	18	6.1	11	3	5	77	34	3	6	33	14	6,962.5	224.6	9.4
June	55.95	27.8	37.2	7	21.8	24	81.9	165.1	33.9	13	8.6	9	2	13	80	22	5	6	24	19	6,449.2	215	9
July	56.90	28	37.3	9	23	11, 26	79.9	100.1	20.6	25	7.4	16	9	7	65	32	3	3	19	32	5,619.9	181.3	7.6
August	56.93	27.3	36.2	26	22	31	85.2	583.7	125.5	11	8.5	21	11	15	57	20	10	17	15	20	5,509.3	177.7	7.4
September	55.82	26.7	34.8	10	21.8	4	86.5	620.5	115.1	4	8.3	17	5	10	83	18	4	9	25	9	6,775.4	225.8	9.4
October	57.67	27.1	34.7	1	22.5	10	82.4	223.4	58.2	18	6.7	17	7	17	77	10	4	4	32	18	6,094.3	196.6	8.2
November	57.07	27	35.3	4	19.8	30	79	24.9	11.7	17	5.1	12	5	18	57	16	3	1	55	13	5,851	195	8.1
December	57.18	26.4	35.3	5	17.1	1	78.6	30.5	23.4	24	5.3	17	8	8	64	26	8	3	35	17	5,548.6	179	7.5
Year	57.45	27.2	38.7	----------	16.4	----------	78.8	2,097	125.5	-----	6.3	174	57	111	745	270	53	64	471	251	76,810	210	8.8

[a] 11 hours missing.

[b] 10 hours missing.

BAGUIO.[a]

Month.	Pressure (mean).	Temperature. Mean.	Maximum.	Date.	Minimum.	Date.	Relative humidity (mean).	Rainfall. Total.	Maximum in 24 hours.	Date.	Cloudiness (mean).	Wind. Number of winds from six daily observations. N, NNE.	NE, ENE.	E, ESE.	SE, SSE.	S, SSW.	SW, WSW.	W, WNW.	NW, NNW.	Calm.	Total monthly velocity.	Average daily velocity.	Average hourly velocity.
	mm.	*°C.*	*°C.*		*°C.*		*P. ct.*	*mm.*	*mm.*		*0-10*										*Km.*	*Km.*	*Km.*
January	636.88	16.5	26.1	27	8.6	18	80.1	23.2	8.9	31	5.8	4	7	83	52	6	16	14	4	0	11,294.1	364.3	15.2
February	36.14	16.6	24.4	21	10.2	8	84.9	46.4	18	3	5.7	10	7	45	31	6	27	36	6	6	8,600.2	296.6	12.4
March	37.33	17.7	26.1	13	11.7	2	84.1	102.3	49.6	16	5.1	6	11	71	22	3	40	27	5	1	10,745.9	346.6	14.4
April	36.92	18.5	26.3	16	13.7	8	82	132.1	33.5	5	5.2	5	9	58	17	7	41	31	10	2	9,882.4	329.4	13.7
May	36.26	18.8	25.6	19,27	14.6	22	84.9	312	36.5	21	6.3	5	18	59	21	9	41	26	6	1	9,533.7	309.2	12.9
June	35.07	18.4	25.4	7	15.2	13,21,22	88.6	286.1	71.7	17	8.1	3	9	63	18	14	50	18	5	0	10,185.9	339.5	14.1
July	35.87	18.4	25.4	16	15	26	88	276.9	34	12	6.9	10	18	58	22	4	28	32	13	1	10,105.8	326	13.6
August	35.70	17.7	24.8	26	14.3	18	94.2	1,335.2	193.5	11	8.4	5	9	9	11	1	86	58	7	0	19,195.1	619.2	25.8
September	34.63	17.7	24.2	7,11	14.6	6	91.3	648.4	177.3	3	8	10	10	46	25	7	40	25	15	2	11,884.1	396.1	16.5
October	36.33	18.1	25.3	29	14	10	85.1	205.5	30.3	9	6.5	3	12	91	21	6	28	14	11	0	13,144.3	424	17.7
November	35.69	17.7	26	4	11.2	30	85.8	117.2	46.3	18	5.7	8	11	72	10	4	35	23	10	7	8,923.6	297.5	12.4
December	35.66	17.5	25	20	10.7	1	81.5	24.6	11.7	11	5.3	4	15	96	25	5	22	17	1	1	10,085.7	325.3	13.6
Year	36.04	17.8	26.3		8.6		85.9	3,509.9	193.5		6.4	73	136	751	275	72	454	321	93	21	133,630 8	364.5	15.2

VIGAN.

January	759.53	25.8	33.1	27	16	17	67.3	14.2	9.7	4	4.8	42	33	11	5	0	8	9	47	31		302.1	12.6
February	58.62	25.3	31.5	20,28	18.5	7,9	77.1	63.6	17.5	3	4	12	7	10	5	5	7	14	58	56		224.5	9.4
March	59 52	26.4	32.3	26	19.1	1	72.9	46.5	46.5	3	2.7	10	8	4	3	4	11	16	81	49	7,617.3	245.7	10.2
April	58.58	27.7	33.4	8	21.4	5	73.3	34	33.1	20	2.2	5	7	14	1	5	12	35	67	34	7,142.1	238.1	9.9
May	57 48	28.8	35.8	5	22.5	13	72.6	89.2	36.8	21	4.8	5	8	27	6	7	29	33	35	36	7,020.2	226.5	9.4
June	56.08	27.7	34.6	5,9	22.8	2, 12, 14	80.6	290.5	67.1	11	7.4	5	6	16	13	50	24	16	22	28	7,476.4	249.2	10.4
July	57.09	27.6	34.8	18	22	12	81.4	348.9	83.1	5	6.1	8	16	27	11	20	28	20	14	42	5,904.8	190.5	7.9
August	56.81	26.5	34.2	27	21.4	11	86.2	1,864	427.7	10	[b]8.1	[c]2	6	15	20	71	29	10	8	15	8,401.2	271	11.3
September	55.72	26.9	33.7	2	22	5, 29	83.6	474.2	182.3	4	6.7	4	13	27	7	37	21	9	17	45	6,718.9	224	9.3
October	57.84	27.2	35	26	21.3	7, 12	80.2	137.1	65.5	10	5.4	26	17	18	7	17	14	25	47	15	6,470.8	208.7	8.7
November	57.57	26.2	33.8	12	18	30	76.5	36.6	33.4	21	3.6	82	7	6	3	4	3	4	45	26		355.3	14.8
December	57.52	26.3	32.8	9	16.8	1	74.1	7.3	6.7	24	4.1	56	12	6	3	2	5	3	51	48		277.8	11.6
Year	57.70	26.9	35.8		16		77.2	3,406.1	427.7		5	257	140	181	84	222	191	194	492	425		251.1	10.5

APARRI.

January	761.90	23.4	30.2	9	18.3	21	82.7	151.8	29.4	3	7.7	0	90	45	31	8	0	1	1	10	11,121.3	358.8	15
February	59.85	23.7	31.7	23	19	8, 9	85.2	250.5	47.8	26	6.8	15	77	30	8	12	10	0	11	11	9,520.3	328.3	13.7
March	61.13	24.7	32.7	21	19.3	3	80.3	21.8	5.3	17	5.9	17	80	31	27	15	5	0	1	10	11,126.5	358.9	15
April	59.68	26.2	33.1	29	20.8	9	80.8	.9	.6	5	3.1	20	59	30	7	23	12	7	15	7	8,952.2	298.4	12.4
May	58.22	27.6	34.2	19	20.6	20	79.2	64.5	57.1	20	3	10	58	21	17	44	10	6	8	12	9,393.6	303	12.6
June	56.25	27.7	36.6	7	23.3	22	80.6	186.2	58.2	14	6.8	9	33	4	22	57	30	12	8	5	8,800.6	293.4	12.2
July	57.50	27.8	34.1	14	23.3	6, 7	81.1	58.1	10.7	27	4.9	14	31	9	11	53	35	7	16	10	8,649.5	279	11.6
August	56.16	27.5	34	1	23.2	12	81.6	242.5	48.5	15	8.2	17	20	1	13	71	40	15	6	3	10,689.8	344.8	14.4
September	55.88	26.7	32.5	11	22.1	28	85.6	472.2	107.7	3	7	9	27	13	16	30	27	16	25	17		303.1	12.6
October	59.07	26.1	31.3	25	21.3	5	87.1	557.6	227.7	5	6.7	15	33	42	23	25	8	5	3	32	[d]7,314.8	236	9.8
November	59.40	24.8	31.5	3	19.8	30	85.8	391.9	49.6	14	7.8	20	96	27	12	3	3	2	6	11	11,761	392	16.3
December	59.84	23.7	28.7	19	20.2	29	89.6	479.9	63.3	11	8.4	2	106	33	11	3	0	0	2	29		359.5	15
Year	58.74	25.8	36.6		18.3		83.3	2,877.9	227.7		6.4	148	710	286	198	344	180	71	102	157		321.3	13.4

[a] The barometric readings of this station are not reduced to sea level.
[b] 29 days of observation.
[c] No observation was made of wind direction on the 24th; and on the 25th, 2 a. m., 10 a. m., 2 p. m. and 6 p. m.
[d] 12 hours missing.

TAGBILARAN.

Month.	Pressure (mean).	Temperature. Mean.	Maximum.	Date.	Minimum.	Date.	Relative humidity (mean).	Rainfall. Total.	Maximum in 24 hours.	Date.	Cloudiness (mean).	Wind. Number of winds from six daily observations. N, NNE.	NE, ENE.	E, ESE.	SE, SSE.	S, SSW.	SW, WSW.	W, WNW.	NW, NNW.	Calm	Velocity, monthly mean.
	mm.	*°C.*	*°C.*		*°C.*		*P.ct.*	*mm.*	*mm.*		*0–10*										*0–12.*
January	757.68	25.4	32.3	11	19.8	1	88.3	93.7	35.6	2	7.4	34	4	0	7	18	3	2	22	96	1
February	58.03	25.7	33.2	9	19.5	10	85.1	90.3	31	22	6	16	7	0	11	16	1	7	12	104	.8
March	58.86	25.8	33.5	27	21	26	[a]84.7	[a]155.7	80.8	1	5.9	[b]27	5	0	14	18	0	2	9	105	.9[a]
April[c]	58.65	26.3			20.9	2	84.3				5.4	11	2	0	11	21	0	2	11	92	.8
May[d]	57.57	26.2	32.2	24	21.2	2	86.4	195.4	56.9	4	6.3	5	0	0	7	51	1	0	6	104	.8
June	57.25	26.6	32.6	17	21.8	29	85.8	200.2	49.8	7	7.4	2	1	0	13	64	0	0	3	97	.9
July	57.68	26.5	33.2	24	21.7	1,7	86	72.1	25.1	10	5.8	3	0	0	18	47	1	3	11	103	.8
August[d]	58.38	27.2	33	27	22.3	25	81.5	104.6	59.6	31	5.4	0	1	1	14	73	1	1	6	77	1.2
September[d]	57.23	26.6	33.5	20,27	21.7	12	84	223.1	62.5	10	7.7	0	1	1	12	50	5	3	7	95	1
October[a]	57.76	26.4	33.5	11	22.3	10,29	85.1	132.9	50.4	28	5.6	3	0	1	21	30	0	3	7	115	.6
November	56.99	26	33.3	5	20.9	26	85.7	87.1	31.5	10	5.7	13	4	2	7	29	0	7	17	101	.7
December[e]	56.46	25.6	32.4	5	18.8	24	85.8				6.2	8	3	1	0	20	0	3	7	78	.7
Year	57.71	26.2	33.5?		18.8		85.2				6.2	122	28	6	135	437	12	33	118	1,167	0.8

SAN ISIDRO.

January	760	24.6	31.4	12	15.5	18	79.6	43	18.4	3	5.4	75	58	23	4	0	0	0	20	6	1.9
February	59.04	25.6	33.8	23	17	9	76.9	15.9	7.9	4	5.6	47	34	27	12	5	3	1	34	11	1.5
March	60.06	27	36.9	31	19.1	2	70.7	2	1	3	3.6	73	36	62	5	1	0	0	5	4	2.1
April	59.08	27.7	37	1,3	20.5	14	75.6	118.5	56.7	4	4.6	58	21	47	0	6	6	3	20	19	1.7
May	58.09	28.1	36.5	20	21.8	5,23	76.5	86.1	51.8	21	5.4	53	15	67	17	4	7	1	1	21	1.7
June	56.91	27.1	35.6	3	22.2	23	87.8	193.9	50.4	13	7.3	16	13	35	9	56	10	0	1	40	1.3
July	57.83	26.8	34.4	9,31	22.2	19	89.2	154.1	44.2	4	6.4	38	39	19	4	30	17	0	2	37	1.2
August	57.77	26.9	34	1	22.7	21	87.7	251.8	56.9	22	6.9	17	6	5	9	64	48	1	5	31	1.7
September	56.78	25.9	32.6	20	22.4	4,9	92.1	373.2	56.4	26	7.8	25	19	12	7	48	28	8	5	28	1.5
October	58.59	25.9	32.5	1	22	7	89.8	253	45.5	4	6.7	42	51	33	13	18	1	0	3	25	1.3
November	57.94	26	32.7	18	19	14	82	49.5	19.8	22	4.6	66	16	46	0	0	8	2	25	17	1.7
December	58.07	25.4	32.5	8	18	1	79.5	36.6	12.4	21	5.1	63	51	48	1	1	0	0	14	8	1.8
Year	58.35	26.4	37		15.5		82.3	1,577.6	56.9		5.8	573	359	424	81	233	128	16	135	247	1.6

BOLINAO.

January	759.38	25.9	33.5	4	18.4	18	77.9	7.9	3.6	31	8.4	65	3	15	72	5	0	1	22	3	3.3
February	58.57	25.6	33.6	22,23	16.4	8	84.3	60.7	23.1	12	7.4	54	4	17	37	18	2	14	23	5	2.9
March	59.48	27.4	35.2	19	19.9	12	77	1.5	1.5	18	6.3	74	3	19	60	2	0	13	14	1	3.2
April	58.59	28.7	35.7	13	22.1	20	74.7	14.5	9.7	6	5.1	36	5	19	48	9	1	19	42	1	3.2
May	57.51	29	37.9	10	21.9	6	76.3	148.3	64	29	7.8	18	8	26	70	21	1	22	19	1	3.1
June	56.15	27.1	33.5	7	22.4	22	88.1	389.6	93.5	17	9.6	5	3	7	94	36	12	14	6	3	2.9
July	57.16	27.8	34.5	13	23.1	8,27	82.8	290.1	51.1	19	9	10	1	13	86	36	9	19	11	1	2.9
August	57.03	26.8	33.7	29	22.4	20	87.9	637.5	107.7	11	9.6	11	3	8	66	71	16	10	1	0	3.4
September	55.92	26.5	33.4	11	22.1	6	87.9	902.2	229.4	5	9.5	12	3	4	97	28	10	8	15	3	2.9
October	57.86	27.1	34.7	25	22.4	23	83.9	282.6	90.9	5	8.2	30	5	15	93	20	4	4	15	0	3
November	57.43	27.4	33.3	2,3	20.9	13	78.4	10.6	4.8	23	7	88	5	8	55	8	1	0	14	1	3.7
December	57.48	27	33.1	19	20.7	25	79	8.1	3.1	30	7.6	60	4	20	78	4	0	0	7	13	3.1
Year	57.71	27.2	37.9		16.4		81.5	2,753.6	229.4		8	463	47	171	856	258	56	124	189	32	3.1

TUGUEGARAO.

January	761.59	23.2	32.5	8,9	16	17	86.5	101.1	28.4	3	7.4	25	38	1	18	4	1	0	33	66	1.2
February	59.54	24	35	23	18.2	9	85.9	70.2	17.9	3	6.8	30	25	2	18	3	2	1	32	61	1
March	60.74	25.6	37.5	31	19.3	2	79	19.8	6.9	27	5.9	40	38	1	24	6	4	1	24	48	1.3
April	59.44	27.3	39?	15	20.5	14	75.5	110.3	75.2	26	4.9	33	25	1	15	6	8	0	18	74	.9
May	58.16	28.8	40.5	28	21.3	3,5	70.4	76.4	37.6	29	5	19	14	3	40	15	9	2	11	73	.7
June	56.41	28	39.4	3	21.7	27	79.9	199	52.6	27	7.2	15	19	6	43	18	8	2	3	76	.7
July	57.54	27.8	38.5	22	22.3	13	79.8	75.9	17.3	3	6.4	17	12	2	25	22	18	2	12	76	.7
August	56.36	27.7	37.6	29	22	28	82.2	173.2	51	10	7.5	3	5	0	25	29	34	2	13	75	.7
September	56.12	26.8	36.8	12	22.4	13,16	84.6	250.2	51.8	27	7.5	10	1	0	13	21	12	1	24	98	.7
October	58.99	25.9	35	1	20.5	8	88.1	368.7	160.3	4	7.5	5	14	0	13	7	13	0	9	125	.4
November	59.04	24.4	33.5	3	18.3	30	88.6	304.7	67.3	14	7.4	99	9	2	2	0	0	5	29	34	1.4
December	59.51	23.9	31.2	5	17.3	1	89.1	335.9	58	11	8	30	12	1	0	0	1	0	45	97	.9
Year	58.62	26.1	40.5		16		82.5	2,085.4	160.3		6.8	326	212	19	236	121	110	16	253	903	0.9

[a] 30 days of observation.
[b] No observation was made of wind direction on March 5.
[c] 25 days of observation.
[d] 29 days of observation.
[e] 20 days of observation.

DEPARTMENT OF AGRICULTURE AND NATURAL RESOURCES
WEATHER BUREAU
REV. JOSÉ ALGUÉ, S. J., DIRECTOR

ANNUAL REPORT OF THE WEATHER BUREAU

FOR THE YEAR 1916

PART IV

HOURLY RESULTS OF THE OBSERVATIONS MADE AT THE MAGNETIC OBSERVATORY OF ANTIPOLO, NEAR MANILA, P. I., DURING THE CALENDAR YEAR 1916

MANILA
BUREAU OF PRINTING
1921

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INTRODUCTION.

The Magnetic Observatory, which is a division or branch of the Weather Bureau, Manila Observatory, was located at Manila in the Observatory grounds until 1904, but it had to be temporarily closed on account of the electric car system established in that city. The new location at Antipolo lies due east of the old at a distance of 18.5 kilometers. The coördinates of the variation building are 121° 10′ E and 14° 36′ N, its elevation above the sea level about 215 meters.

A description of the buildings, instruments, and method both of observation and of reduction, will be found in the "Annual Report of the Weather Bureau for the year 1911, Part IV." The arrangement of the magnetic values in this publication is the same as that of 1911; we adopted the distribution given by the Coast and Geodetic Survey of the United States of America to similar publications of its magnetic observatories.

For all the observations the Insular standard time of the Philippine Archipelago, eight hours (8^h) or the 120^{th} meridian east of Greenwich, is used. Each hourly value of D, H or Z in the monthly tabulations represented the momentary value of the quantity for the specified hour, local mean time.

Diurnal Variation of D.

1916.

[Five International quiet days. Time 8h E of Greenwich; 24h or 0h = midnight.]

Hour.	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct	Nov.	Dec.	Group Means.			Year.
	I	I	II	II	III	III	III	III	II	II	I	I	I	II	III	
	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′
1	−0.26	+0.08	−0.25	−0.18	+0.19	+0.18	−0.13	−0.18	−0.26	−0.04	+0.07	−0.11	−0.06	−0.18	+0.02	−0.07
2	−0.29	+0.16	−0.28	+0.02	+0.22	+0.27	−0.10	−0.12	−0.23	−0.04	+0.10	−0.03	−0.02	−0.13	+0.07	−0.03
3	−0.29	+0.14	−0.20	−0.03	+0.30	+0.35	−0.10	+0.05	−0.17	−0.07	+0.21	−0.05	0.00	−0.12	+0.15	+0.01
4	−0.35	+0.08	−0.31	−0.15	+0.33	+0.38	+0.04	+0.24	−0.12	−0.07	+0.18	−0.17	−0.06	−0.16	+0.25	+0.01
5	−0.46	−0.07	−0.31	−0.26	+0.42	+0.61	+0.39	+0.65	−0.03	−0.07	+0.19	−0.31	−0.16	−0.17	+0.52	+0.06
6	−0.38	−0.52	−0.17	−0.01	+1.28	+1.98	+1.45	+2.19	+1.06	−0.10	−0.24	−0.74	−0.47	+0.20	+1.72	+0.48
7	−0.15	−1.12	+0.35	+1.02	+1.90	+2.78	+2.42	+3.08	+1.85	+0.13	−0.78	−1.20	−0.80	+0.84	+2.54	+0.86
8	+0.82	−0.95	+0.95	+1.54	+1.68	+2.67	+2.39	+2.73	+1.83	+0.62	−0.36	−0.65	−0.28	+1.24	+2.37	+1.11
9	+1.91	−0.58	+1.20	+1.74	+0.82	+1.33	+1.59	+1.33	+1.03	+0.84	−0.16	0.00	+0.29	+1.20	+1.27	+0.92
10	+1.20	−0.07	+1.20	+1.54	−0.44	−0.30	+0.10	−0.67	+0.05	+0.47	−0.13	+0.40	+0.35	+0.82	−0.33	+0.28
11	−0.12	+0.39	+0.63	+0.39	−1.53	−1.64	−1.04	−1.98	−1.15	−0.01	−0.50	+0.03	−0.05	−0.04	−1.55	−0.54
12	−0.60	+0.53	−0.43	−0.89	−1.81	−2.41	−1.61	−2.70	−1.89	−0.59	−0.19	−0.37	−0.16	−0.95	−2.13	−1.08
13	−0.95	+0.11	−1.00	−1.41	−1.78	−2.19	−1.67	−2.47	−1.65	−0.78	+0.32	+0.09	−0.11	−1.21	−2.03	−1.12
14	−0.69	+0.16	−0.68	−1.17	−1.53	−1.76	−1.67	−1.76	−1.05	−0.61	+0.32	+0.61	+0.10	−0.88	−1.68	−0.82
15	−0.18	+0.08	−0.17	−0.66	−0.84	−1.19	−1.15	−0.93	−0.08	+0.05	+0.13	+0.69	+0.18	−0.22	−1.03	−0 35
16	+0.34	+0.19	+0.35	+0.08	−0.07	−0.58	−0.47	+0.22	+0.78	+0.27	+0.24	+0.58	+0.34	+0.37	−0.22	+0.16
17	+0.31	+0.25	+0.40	+0.34	+0.30	−0.03	+0.13	+0.76	+0.72	+0.25	+0.18	+0.49	+0.31	+0.43	+0.29	+0.34
18	−0.06	+0.22	−0.05	+0.02	+0.30	+0.02	+0.24	+0.42	+0.18	+0.02	+0.21	+0.24	+0.15	+0.04	+0.24	+0.15
19	+0.20	+0.22	−0.08	−0.32	+0.10	0.00	+0.01	−0.07	−0.05	+0.05	+0.18	+0.21	+0.20	−0.10	+0.01	+0.04
20	+0.14	+0.22	0.00	−0.26	+0.02	−0.06	−0.04	−0.07	−0.08	+0.02	+0.10	+0.15	+0.15	−0.08	−0.04	+0.01
21	+0.05	+0.16	−0.11	−0.29	−0.04	−0.18	−0.16	−0.13	−0.14	−0.12	+0.01	+0.06	+0.07	−0.16	−0.13	−0.07
22	0.00	+0.11	−0.34	−0.35	−0.04	−0.15	−0.19	−0.21	−0.14	−0.12	−0.08	0.00	+0.01	−0.24	−0.15	−0.13
23	−0.12	+0.02	−0.40	−0.37	+0.05	−0.03	−0.19	−0.27	−0.19	−0.07	−0.08	−0.02	−0.05	−0.26	−0.11	−0.14
24	−0.15	+0.11	−0.34	−0.29	+0.16	+0.05	−0.21	−0.21	−0.19	−0.01	−0.02	−0.05	−0.03	−0.21	−0.05	−0.10

Diurnal Variation of Y.

1916.

	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	− 3	0	− 3	− 2	+ 2	+ 2	− 2	− 2	− 2	− 1	0	− 1	− 1	− 2	0	− 1
2	− 4	+ 1	− 4	0	+ 2	+ 3	− 1	− 1	− 2	− 1	+ 1	0	0	− 2	+ 1	0
3	− 4	+ 1	− 3	0	+ 3	+ 4	− 1	0	− 1	− 1	+ 2	0	0	− 1	+ 2	0
4	− 4	0	− 4	− 2	+ 3	+ 4	0	+ 2	− 1	− 1	+ 2	− 1	− 1	− 2	+ 2	0
5	− 6	− 1	− 4	− 3	+ 4	+ 6	+ 4	+ 7	0	− 1	+ 2	− 3	− 2	− 2	+ 5	0
6	− 5	− 6	− 3	0	+14	+21	+16	+24	+12	− 2	− 3	− 8	− 6	+ 2	+19	+ 5
7	− 2	−13	+ 3	+12	+21	+30	+27	+34	+21	+ 1	− 9	−12	− 9	+ 9	+28	+ 9
8	+ 9	−11	+10	+17	+18	+29	+26	+30	+21	+ 7	− 4	− 7	− 3	+14	+26	+12
9	+21	− 7	+13	+20	+ 9	+15	+18	+14	+12	+ 9	− 2	0	+ 3	+14	+14	+10
10	+14	− 1	+13	+18	− 5	− 3	+ 1	− 7	+ 1	+ 5	− 2	+ 5	+ 4	+ 9	− 4	+ 8
11	− 1	+ 4	+ 7	+ 5	−17	−18	−12	−22	−12	− 1	− 5	+ 1	0	0	−17	− 6
12	− 7	+ 6	− 5	− 9	−20	−26	−18	−30	−21	− 7	− 2	− 3	− 2	−10	−24	−12
13	−11	+ 1	−11	−15	−20	−24	−19	−28	−18	− 8	+ 3	+ 1	− 2	−13	−23	−12
14	− 8	+ 2	− 8	−12	−17	−19	−19	−20	−11	− 7	+ 3	+ 7	+ 1	−10	−19	− 9
15	− 2	+ 1	− 2	− 7	−10	−13	−13	−10	− 1	0	+ 1	+ 8	+ 2	− 2	−12	− 4
16	+ 3	+ 2	+ 3	+ 1	− 1	− 6	− 5	+ 2	+ 9	+ 3	+ 2	+ 7	+ 4	+ 4	− 2	+ 2
17	+ 3	+ 2	+ 4	+ 4	+ 3	− 1	+ 1	+ 9	+ 8	+ 2	+ 2	+ 6	+ 3	+ 4	+ 3	+ 4
18	− 1	+ 2	− 1	+ 1	+ 3	0	+ 2	+ 4	+ 3	0	+ 2	+ 3	+ 2	+ 1	+ 2	+ 2
19	+ 2	+ 2	− 1	− 3	+ 1	0	0	− 1	0	0	+ 2	+ 3	+ 2	− 1	0	0
20	+ 1	+ 2	− 1	− 3	0	− 1	− 1	− 1	0	0	+ 1	+ 2	+ 2	− 1	− 1	0
21	0	+ 1	− 2	− 3	− 1	− 2	− 2	− 2	− 1	− 2	0	+ 1	0	− 2	− 2	− 1
22	0	+ 1	− 4	− 4	− 1	− 2	− 2	− 2	− 1	− 2	− 1	0	0	− 3	− 2	− 2
23	− 2	0	− 5	− 4	0	− 1	− 2	− 3	− 2	− 1	− 1	0	− 1	− 3	− 2	− 2
24	− 2	+ 1	− 4	− 3	+ 1	0	− 2	− 2	− 2	− 1	0	0	0	− 2	− 1	− 1

Diurnal Variation of H.

1916.

[Five International quiet days. Time 8h E of Greenwich; 24h or 0h=midnight.]

Hour.	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Group Means.			Year.
	I	I	II	II	III	III	III	III	II	II	I	I	I	II	III	
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	−13	−14	−12	−27	−18	−19	−12	−20	−18	−19	−20	−10	−14	−19	−17	−17
2	−11	−15	−13	−26	−15	−17	−13	−20	−17	−19	−15	− 9	−12	−19	−16	−16
3	−10	−16	−14	−25	−16	−15	−14	−19	−15	−17	−10	−11	−12	−18	−16	−15
4	−10	−12	−17	−25	−16	−16	−14	−18	−14	−17	− 8	−10	−10	−18	−16	−15
5	− 8	−14	−18	−23	−14	−14	−14	−20	−14	−17	−11	−10	−11	−18	−16	−15
6	− 7	−12	−16	−21	−10	− 8	− 8	−11	−15	−15	−10	− 7	− 9	−17	− 9	−12
7	− 3	−10	−15	−15	− 2	+ 4	− 4	0	− 9	−11	− 2	0	− 4	−12	0	− 6
8	+ 4	− 2	− 6	− 4	+ 6.	+15	+ 2	+12	− 1	0	+11	+ 8	+ 5	− 3	+ 9	+ 4
9	+16	+11	+ 8	+19	+18	+27	+14	+25	+12	+12	+17	+16	+15	+13	+21	+16
10	+26	+24	+27	+46	+30	+38	+27	+36	+29	+28	+26	+23	+25	+32	+33	+30
11	+26	+36	+39	+57	+35	+42	+36	+33	+35	+43	+27	+24	+28	+44	+36	+36
12	+20	+38	+45	+55	+36	+39	+38	+30	+34	+47	+25	+16	+25	+45	+36	+35
13	+ 9	+31	+36	+44	+30	+30	+35	+25	+29	+37	+18	+13	+18	+36	+30	+28
14	+ 5	+18	+26	+29	+23	+19	+27	+17	+19	+21	+ 9	+12	+11	+24	+22	+19
15	− 1	+ 9	+13	+13	+ 7	+ 8	+16	+ 7	+10	+ 9	+ 3	+ 6	+ 4	+11	+10	+ 8
16	− 3	+ 2	+ 3	+ 3	− 8	− 2	− 1	− 3	+ 1	+ 3	− 2	+ 1	0	+ 2	− 4	0
17	− 2	0	− 3	− 2	−13	−12	−11	− 5	− 4	0	− 4	− 3	− 2	− 2	−10	− 5
18	− 1	− 3	− 5	− 8	−12	−12	−16	− 9	− 6	− 5	− 7	− 7	− 4	− 6	−13	− 8
19	− 2	− 5	− 7	−12	−10	−16	−15	−10	− 6	− 9	− 8	−10	− 6	− 8	−13	−19
20	− 5	− 7	− 9	−16	−13	−15	−14	−13	− 7	−12	− 8	−11	− 8	−11	−14	−11
21	− 7	− 9	−13	−15	−12	−16	−14	−11	− 8	−17	− 9	− 9	− 8	−13	−13	−12
22	− 7	−13	−13	−17	−12	−17	−14	−12	− 7	−14	−10	− 9	−10	−13	−14	−12
23	− 8	−15	−13	−17	−14	−18	−14	−12	− 9	−14	−10	− 8	−10	−13	−14	−13
24	− 7	−13	−13	−18	−12	−16	−14	−11	− 9	−12	−10	− 6	− 9	−13	−13	−12

Diurnal Variation of X.

1916.

	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	−13	−14	−12	−27	−18	−19	−12	−20	−18	−19	−20	−10	−14	−19	−17	−17
2	−11	−15	−13	−26	−15	−17	−13	−20	−17	−19	−15	− 9	−12	−19	−16	−16
3	−10	−16	−14	−25	−16	−15	−14	−19	−15	−17	−10	−11	−12	−18	−16	−15
4	−10	−12	−17	−25	−16	−16	−14	−18	−14	−17	− 8	−10	−10	−18	−16	−15
5	− 8	−14	−18	−23	−14	−14	−14	−20	−14	−17	−11	−10	−11	−18	−16	−15
6	− 7	−12	−16	−21	−10	− 8	− 8	−11	−15	−15	−10	− 7	− 9	−17	− 9	−12
7	− 3	−10	−15	−15	− 2	+ 3	− 5	− 1	− 9	−11	− 2	0	− 4	−12	− 1	− 6
8	+ 4	− 2	− 6	− 5	+ 6	+14	+ 1	+11	− 1	0	+11	+ 8	+ 5	− 3	+ 8	+ 3
9	+15	+11	+ 8	+18	+18	+27	+14	+25	+12	+12	+17	+16	+15	+12	+21	+16
10	+25	+24	+27	+45	+30	+38	+27	+36	+29	+28	+26	+23	+24	+32	+33	+30
11	+26	+36	+39	+57	+35	+42	+36	+33	+35	+43	+27	+24	+28	+44	+36	+36
12	+20	+38	+45	+55	+36	+39	+38	+30	+34	+47	+25	+16	+25	+45	+36	+35
13	+ 9	+31	+36	+44	+30	+30	+35	+25	+29	+37	+18	+13	+18	+36	+30	+28
14	+ 5	+18	+26	+29	+23	+19	+27	+17	+19	+21	+ 9	+12	+11	+24	+22	+19
15	− 1	+ 9	+13	+13	+ 7	+ 8	+16	+ 7	+10	+ 9	+ 3	+ 6	+ 4	+11	+10	+ 8
16	− 3	+ 2	+ 3	+ 3	− 8	− 2	− 1	− 3	+ 1	+ 3	− 2	+ 1	0	+ 2	− 4	0
17	− 2	0	− 3	− 2	−13	−12	−11	− 5	− 4	0	− 4	− 3	− 2	− 2	−10	− 5
18	− 1	− 3	− 5	− 8	−12	−15	−16	− 9	− 6	− 5	− 7	− 7	− 4	− 6	−13	− 8
19	− 2	− 5	− 7	−12	−10	−16	−15	−10	− 6	− 9	− 8	−10	− 6	− 8	−13	− 9
20	− 5	− 7	− 9	−16	−13	−15	−14	−13	− 7	−12	− 8	−11	− 8	−11	−14	−11
21	− 7	− 9	−13	−15	−12	−16	−14	−11	− 8	−17	− 9	− 9	− 8	−13	−13	−12
22	− 7	−13	−13	−17	−12	−17	−14	−12	− 7	−14	−10	− 9	−10	−13	−14	−12
23	− 8	−15	−13	−17	−14	−18	−14	−12	− 9	−14	−10	− 8	−10	−13	−14	−13
24	− 7	−13	−13	−18	−12	−16	−14	−11	− 9	−12	−10	− 6	− 9	−13	−13	−12

Diurnal Variation of Z.

1916.

[Five International quiet days. Time 8h E of Greenwich; 24h or 0h = midnight.]

Hour.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Group Means.			Year.
	I	I	II	II	III	III	III	III	II	II	I	I	I	II	III	
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	+12	+ 8	+ 8	+10	+ 9	+ 7	+ 6	+ 9	+10	+ 5	+ 2	0	+ 6	+ 8	+ 8	+ 7
2	+12	+ 8	+ 7	+10	+ 8	+ 7	+ 6	+ 8	+11	+ 5	+ 2	+ 2	+ 6	+ 8	+ 7	+ 7
3	+11	+ 7	+ 7	+ 7	+ 7	+ 5	+ 6	+ 9	+11	+ 6	+ 2	+ 4	+ 6	+ 8	+ 7	+ 7
4	+10	+ 6	+ 7	+ 6	+ 6	+ 4	+ 6	+ 8	+12	+ 6	+ 2	+ 6	+ 6	+ 8	+ 6	+ 7
5	+10	+ 4	+ 6	+ 4	+ 5	+ 8	+ 6	+ 8	+13	+ 6	+ 2	+ 7	+ 6	+ 7	+ 6	+ 6
6	+11	+ 3	+ 5	+ 6	+ 5	+ 4	+ 7	+10	+16	+ 7	+ 3	+ 9	+ 6	+ 8	+ 6	+ 7
7	+ 9	+ 2	+ 5	+ 5	+ 1	− 2	+ 4	+ 4	+12	+ 8	+ 3	+10	+ 6	+ 8	+ 2	+ 5
8	+ 8	+ 2	+ 1	0	− 5	− 9	− 2	− 7	+ 6	+ 7	+ 2	+12	+ 6	+ 4	− 6	+ 1
9	− 3	− 2	− 7	− 9	−13	−16	−10	−16	− 5	+ 3	0	+11	+ 2	− 4	−14	− 6
10	−25	−10	−15	−20	−18	−20	−16	−19	−14	− 6	− 4	+ 8	− 8	−14	−18	−13
11	−38	−14	−20	−28	−19	−24	−16	−21	−21	−11	− 7	+ 3	−14	−20	−20	−18
12	−36	−17	−24	−27	−17	−18	−15	−17	−18	−12	− 5	0	−14	−20	−17	−17
13	−28	−18	−18	−20	−14	−12	−12	−11	−12	− 9	− 4	− 1	−13	−15	−12	−13
14	−15	−14	−10	− 9	−11	− 6	− 8	− 6	− 7	− 5	− 3	− 1	− 8	− 8	− 8	− 8
15	− 4	− 7	− 2	− 1	− 4	− 3	− 3	− 1	− 2	− 1	− 3	− 4	− 4	− 2	− 3	− 3
16	+ 3	− 1	+ 2	+ 4	+ 1	+ 3	+ 2	+ 3	− 1	0	− 2	− 5	− 1	+ 1	+ 2	+ 1
17	+ 5	+ 1	+ 4	+ 5	+ 4	+ 5	+ 3	+ 5	− 4	− 1	− 1	− 7	0	+ 1	+ 4	+ 2
18	+ 5	+ 4	+ 3	+ 4	+ 4	+ 6	+ 3	+ 3	− 5	− 2	0	− 9	0	0	+ 4	+ 1
19	+ 8	+ 6	+ 6	+ 5	+ 5	+ 7	+ 4	+ 4	− 3	− 1	0	−10	+ 1	+ 2	+ 5	+ 3
20	+ 9	+ 7	+ 7	+ 7	+ 6	+ 8	+ 4	+ 5	− 2	− 1	0	− 9	+ 2	+ 3	+ 6	+ 3
21	+10	+ 7	+ 8	+ 8	+ 7	+10	+ 5	+ 5	− 1	0	+ 1	− 8	+ 2	+ 4	+ 7	+ 4
22	+10	+ 9	+ 9	+ 8	+ 7	+10	+ 6	+ 6	+ 1	+ 1	+ 2	− 6	+ 4	+ 5	+ 7	+ 5
23	+11	+ 9	+ 9	+ 8	+ 8	+11	+ 8	+ 7	+ 4	+ 2	+ 3	− 5	+ 4	+ 6	+ 8	+ 6
24	+11	+10	+10	+ 8	+ 8	+11	+ 8	+ 7	+ 5	+ 3	+ 3	− 3	+ 5	+ 6	+ 8	+ 7

Diurnal Variation of I.

1916.

	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′
1	+1.31	+1.00	+0.95	+1.48	+1.20	+1.08	+0.79	+1.21	+1.26	+0.85	+0.65	+0.23	+0.80	+1.14	+1.07	+1.00
2	+1.26	+1.02	+0.89	+1.46	+1.04	+1.03	+0.81	+1.13	+1.32	+0.85	+0.53	+0.37	+0.80	+1.13	+1.00	+0.98
3	+1.16	+0.96	+0.92	+1.18	+0.98	+0.82	+0.83	+1.19	+1.27	+0.88	+0.41	+0.57	+0.78	+1.06	+0.96	+0.93
4	+1.08	+0.78	+0.99	+1.10	+0.90	+0.75	+0.83	+1.08	+1.33	+0.88	+0.36	+0.72	+0.74	+1.08	+0.89	+0.90
5	+1.03	+0.67	+0.93	+0.89	+0.77	+0.62	+0.83	+1.13	+1.41	+0.88	+0.43	+0.80	+0.73	+1.03	+0.84	+0.87
6	+1.09	+0.53	+0.80	+1.00	+0.67	+0.56	+0.77	+1.08	+1.68	+0.91	+0.49	+0.91	+0.76	+1.10	+0.77	+0.87
7	+0.82	+0.40	+0.77	+0.78	+0.14	−0.22	+0.43	+0.31	+1.21	+0.89	+0.30	+0.81	+0.58	+0.91	+0.16	+0.55
8	+0.57	+0.21	+0.22	+0.10	−0.55	−1.10	−0.21	−0.89	+0.52	+0.55	−0.09	+0.79	+0.37	+0.35	−0.69	+0.01
9	−0.63	−0.44	−0.78	−1.21	−1.50	−1.95	−1.18	−1.94	−0.71	−0.07	−0.40	+0.51	−0.24	−0.69	−1.64	−0.86
10	−2.71	−1.42	−1.90	−2.78	−2.21	−2.55	−1.98	−2.45	−1.87	−1.20	−0.96	+0.10	−1.25	−1.94	−2.30	−1.83
11	−3.79	−2.03	−2.61	−3.71	−2.42	−2.98	−2.20	−2.54	−2.59	−1.97	−1.24	−0.34	−1.85	−2.72	−2.54	−2.37
12	−3.47	−2.33	−3.09	−3.52	−2.27	−2.41	−2.17	−2.15	−2.32	−2.16	−1.02	−0.40	−1.80	−2.78	−2.25	−2.28
13	−2.55	−2.25	−2.37	−2.73	−1.87	−1.69	−1.85	−1.53	−1.70	−1.67	−0.77	−0.40	−1.49	−2.12	−1.74	−1.78
14	−1.37	−1.60	−1.46	−1.45	−1.46	−0.92	−1.32	−0.93	−1.04	−0.96	−0.47	−0.38	−0.96	−1.23	−1.16	−1.11
15	−0.31	−0.80	−0.48	−0.40	−0.49	−0.41	−0.63	−0.27	−0.41	−0.34	−0.33	−0.49	−0.48	−0.41	−0.45	−0.45
16	+0.32	−0.13	+0.09	+0.26	+0.29	+0.33	+0.18	+0.30	−0.12	−0.12	−0.12	−0.45	−0.10	+0.03	+0.28	+0.07
17	+0.47	−0.08	+0.40	+0.46	+0.66	+0.74	+0.50	+0.51	−0.25	−0.13	+0.01	−0.52	+0.01	+0.12	+0.60	+0.24
18	+0.44	−0.40	+0.37	+0.52	+0.63	+0.89	+0.62	+0.45	−0.28	−0.09	+0.16	−0.59	+0.10	+0.13	+0.65	+0.29
19	+0.72	+0.63	+0.66	+0.70	+0.67	+1.00	+0.69	+0.54	−0.11	+0.09	+0.19	−0.60	+0.24	+0.34	+0.72	+0.43
20	+0.87	+0.75	+0.80	+0.97	+0.82	+1.06	+0.67	+0.71	−0.01	+0.16	+0.19	−0.50	+0.33	+0.48	+0.82	+0.54
21	+1.00	+0.79	+0.98	+1.03	+0.88	+1.25	+0.75	+0.66	+0.09	+0.36	+0.30	−0.45	+0.41	+0.62	+0.88	+0.64
22	+1.00	+1.06	+1.06	+1.08	+0.88	+1.27	+0.83	+0.76	+0.23	+0.37	+0.41	−0.29	+0.54	+0.68	+0.94	+0.72
23	+1.11	+1.11	+1.06	+1.08	+1.02	+1.38	+0.99	+0.83	+0.53	+0.45	+0.49	−0.24	+0.62	+0.78	+1.06	+0.82
24	+1.08	+1.14	+1.14	+1.10	+0.97	+1.33	+0.99	+0.81	+0.61	+0.48	+0.49	−0.13	+0.64	+0.83	+1.02	+0.83

Diurnal Variation of F.

1916.

[Five International quiet days. Time 8h E of Greenwich; 24h or 0h = midnight.]

Hour.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Group Means.			Year.
	I	I	II	II	III	III	III	III	II	II	I	I	I	II	III	
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	− 9	−11	− 9	−23	−15	−17	−10	−16	−15	−16	−18	− 9	−12	−16	−14	−14
2	− 7	−12	−10	−22	−12	−16	−11	−16	−14	−16	−13	− 8	−10	−16	−14	−13
3	− 7	−13	−11	−22	−14	−13	−12	−15	−12	−14	− 8	− 9	− 9	−15	−14	−12
4	− 7	−10	−14	−22	−14	−14	−12	−15	−11	−14	− 7	− 8	− 8	−15	−14	−12
5	− 5	−12	−15	−20	−12	−13	−12	−16	−10	−14	−10	− 8	− 9	−15	−13	−12
6	− 4	−11	−14	−18	− 9	− 6	− 6	− 8	−10	−12	− 9	− 5	− 7	−14	− 7	− 9
7	0	− 9	−13	−13	− 2	+ 3	− 3	0	− 5	− 9	− 1	+ 2	− 2	−10	0	− 4
8	+ 6	− 1	− 5	− 3	+ 4	+12	+ 1	+ 9	+ 1	+ 2	+11	+11	+ 7	− 1	+ 6	+ 4
9	+15	+10	+ 6	+16	+14	+21	+10	+20	+11	+12	+16	+19	+15	+11	+16	+14
10	+18	+20	+22	+39	+24	+31	+21	+30	+24	+25	+24	+25	+22	+28	+26	+25
11	+14	+31	+32	+47	+28	+33	+30	+26	+28	+38	+25	+25	+24	+36	+29	+30
12	+ 9	+32	+37	+46	+29	+32	+33	+25	+28	+42	+23	+15	+20	+38	+30	+29
13	+ 1	+25	+30	+37	+25	+25	+31	+21	+25	+33	+17	+12	+14	+31	+26	+24
14	+ 1	+14	+22	+26	+19	+16	+24	+14	+17	+18	+ 9	+11	+ 9	+21	+18	+16
15	− 2	+ 7	+12	+13	+ 5	+ 7	+15	+ 6	+ 9	+ 8	+ 3	+ 5	+ 3	+10	+ 8	+ 7
16	− 2	+ 2	+ 4	+ 4	− 8	− 1	− 1	− 3	+ 1	+ 2	− 2	0	0	+ 3	− 3	0
17	− 1	+ 1	− 1	0	−12	−10	−11	− 4	− 6	− 1	− 4	− 4	− 2	− 2	− 9	− 4
18	0	− 2	− 4	− 6	−11	−13	−15	− 8	− 8	− 6	− 6	− 9	− 4	− 6	−12	− 7
19	0	− 3	− 5	−10	− 9	−14	−14	− 9	− 7	−10	− 7	−12	− 6	− 8	−12	− 8
20	− 2	− 5	− 6	−13	−11	−12	−12	−12	− 8	−13	− 7	−13	− 7	−10	−12	−10
21	− 4	− 6	− 10	−12	−10	−13	−12	−10	− 9	−18	− 8	−11	− 7	−12	−11	−10
22	− 4	−10	− 10	−14	−10	−14	−12	−10	− 8	−15	− 9	−10	− 8	−12	−12	−10
23	− 5	−12	− 10	−14	−12	−14	−11	−10	− 9	−14	− 9	− 9	− 9	−12	−12	−11
24	− 4	− 9	− 9	−15	−10	−13	−11	− 9	− 9	−12	− 9	− 7	− 7	−11	−11	−10

1916.

Summary of Monthly Means, 1916.

Month.	D.	Y.	H.	X.	Z.	I.	F.
	° ′	γ	γ	γ	γ	° ′	γ
January	0 37.58	417	38105	38103	11047	16 10.04	39674
February	0 37.12	412	38118	38116	11046	16 9.65	39686
March	0 37.77	419	38097	38095	11072	16 12.32	39673
April	0 38.01	421	38110	38108	11096	16 14.00	39692
May	0 36.98	410	38080	38078	11046	16 10.55	39650
June	0 37.38	414	38090	38088	11037	16 9.54	39657
July	0 37.17	412	38085	38083	11026	16 8.78	39649
August	0 37.00	410	38097	38095	11032	16 9.00	39662
September	0 37.23	412	38086	38084	11031	16 9.17	39651
October	0 37.44	415	38084	38082	11034	16 9.50	39650
November	0 37.17	412	38101	38099	11032	16 8.89	39665
December	0 37.15	411	38099	38097	11001	16 6.37	39655
Year	0 37.33	414	38096	38094	11042	16 9.82	39664

HOURLY VALUES OF DECLINATION.

JANUARY, 1916. 0° East plus tabular quantities.

Day.	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′
1	37.48	37.48	37.63	37.63	37.48	37.20	37.06	38.19	39.76	38.48	35.64	35.35	36.06	37.34	38.34
2 [a]	37.32	37.32	37.32	37.18	37.04	36.90	36.75	38.32	39.88	38.32	36.90	37.18	37.18	37.61	38.46
3	37.02	37.02	37.02	37.02	36.88	36.73	36.45	37.73	39.29	39.86	37.87	37.02	36.59	37.30	38.01
4	36.87	37.01	36.87	36.72	36.72	36.44	36.30	37.43	38.85	37.43	36.44	35.87	35.87	36.44	37.29
5	37.03	37.03	37.03	36.89	36.89	36.75	37.18	38.32	39.32	39.61	38.32	37.89	36.75	35.32	35.89
6	37.17	36.88	37.02	36.88	36.74	36.74	36.31	36.74	36.88	37.02	35.88	34.88	35.59	36.60	37.88
7	37.59	37.73	37.59	37.30	37.44	37.44	37.30	39.02	40.45	39.73	38.16	37.59	37.87	38.16	39.02
8 [a]	37.43	37.43	37.58	37.72	37.86	37.86	38.01	38.29	38.58	37.58	35.43	35.86	36.72	37.29	37.86
9	37.56	37.56	37.41	37.41	37.56	37.56	37.84	38.70	39.70	38.70	37.41	37.13	37.27	37.99	38.70
10 [b]	37.69	37.83	37.98	37.83	37.69	37.69	37.98	39.26	39.69	38.83	37.98	37.83	37.98	37.83	37.98
11 [b]	37.82	37.82	37.82	37.82	37.68	37.54	37.11	38.11	39.40	38.54	37.82	37.25	37.25	37.25	38.68
12 [b]	37.10	36.53	36.67	37.53	36.10	35.81	36.53	38.67	39.67	37.96	36.67	36.38	36.67	36.53	37.81
13										38.37	37.23	36 80	36.37	37.09	38.09
14	37.22	37.22	37.22	37.08	36.79	37.22	37.51	38.65	39.65	39.37	37.36	36.65	36 65	36.22	36.36
15 [a]	37.35	37.21	37.21	37.21	36.78	37.07	38.07	39.78	40.79	39.07	37.64	36.50	35.78	35.49	35.78
16	37.34	37.20	37.34	37.34	37.34	37.06	37.34	38.20	39.92	40.92	37.77	36.91	37.06	37.06	37.49
17 [a]	37.19	37.05	37.05	36.90	36.62	36.90	37.19	37.62	38.76	39.34	38.76	38.19	37.33	37.05	37.19
18	37.31	37.31	37.31	37.31	37.31	37.17	37.46	38.17	39.46	39.60	38.74	38.31	38.03	38 17	38.60
19 [a]	37.29	37.44	37.29	37.15	37.29	37.29	37.15	38.01	39.44	39.58	38.58	37.15	36.15	37.01	37.72
20 [b]	37.42	37.27	37.27	37.13	37.13	36.99	36.27	36.84	37.42	37.27	37.13	37.56	37.99	38.42	38.85
21	37.24	37.10	36.96	36.96	37.24	37.10	36.81	36.67	37.10	37.39	36.81	36.39	36.53	37.24	38.39
22	37.51	37.65	37.65	37.51	37.65	37.65	37.08	37.37	37.37	37.37	37.65	35.94	37.94	38.37	38.80
23 [b]	37.63	37.63	37.63	37.78	37.78	37.49	36.49	36.20	36.77	36.35	36.63	35.63	36.06	37.63	38.35
24	37.47	37.04	37.61	37.90	37.90	37.76	37.47	37.33	37.04	36.47	36.33	35.75	36.04	37.61	38.47
25	37.44	37.44	37.44	37.58	37.58	37.44	36.87	36.72	37.73	37.15	35.15	34.87	35.58	36.87	37.87
26	37.28	36.70	36.99	37.13	37.56	37.42	37.99	38.42	38.85	38.42	37.56	37.42	37.71	37.56	37.56
27	37.54	37.40	36.97	37.26	37.40	37.69	37.69	38.40	38.26	37.69	36.83	34.97	35.40	36.26	37.11
28	37.52	37.67	37.52	37.52	37.52	37.52	37.52	38.38	39.38	38.95	37.24	36.95	36.81	37.09	37.52
29	37.49	37.49	37.35	37.35	37.06	37.21	36.78	37.49	38.35	38.78	38.92	38.49	36.92	35.63	36.35
30	37.19	37.04	37.04	37.19	36.90	36.61	36.47	37.47	38.04	38.62	38.47	38.19	37.76	37.47	37.33
31	37.31	37.17	37.17	37.17	36.59	36.17	35.88	36.31	36.88	38.31	39.74	38.88	38.45	38.45	38.60
Mean	37.36	37.29	37.30	37.31	37.22	37.15	37.10	37.89	38.76	38.42	37.39	36.86	36.85	37.17	37.82
Mean [a]	37.32	37.29	37.29	37.23	37.12	37.20	37.43	38.40	39.49	38.78	37.46	36.98	36.63	36.89	37.40
Mean [b]	37.53	37.42	37.47	37.62	37.28	37.10	36.88	37.82	38.59	37.79	37.25	36.93	37.19	37.53	38.33

FEBRUARY, 1916. 0° East plus tabular quantities.

	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′
1 [a]	37.29	37.29	37.29	37.29	37.00	36.43	36.00	36.00	36.29	37.00	38.00	38.00	37.15	37.72	38.00
2	37.26	37.26	37.26	37.12	36.83	36.40	35.97	36.97	37.40	37.69	37.98	37.55	37.12	36.97	36.83
3	37.10	37.24	37.24	37.24	37.10	36.67	35.81	35.95	36.81	38.53	39.24	37.95	37.67	37.67	37.81
4	37.36	37.36	37.36	37.08	36.79	36.08	34.93	35.79	36.50	37.79	38.22	38.65	38.79	38.65	37.79
5	37.63	37.63	37.63	37.49	37.06	36.20	35.34	34.91	35.34	35.48	35.77	36.06	36.20	37.06	37.91
6 [a]	37.47	37.61	37.61	37.61	37.47	36.75	35.89	36.04	36.46	36.75	36.89	36.89	37.32	38.18	38.47
7	37.29	37.29	37.29	37.29	37.44	37.44	37.15	37.29	37.44	37.29	37.15	36.58	36.29	36.86	37.15
8 [b]	37.27	37.27	37.27	37.13	37.13	36.99	36.13	36 41	36 56	36.84	37.27	37.56	37.84	37.99	38.13
9	37.25	37.11	36.97	36.68	36.25	36.25	36 11	36.68	37.25	37.97	38.25	37.54	37.11	36.68	36.97
10	36.95	36.95	36.66	36.80	37.09	36.95	36.66	36.80	36.95	37.95	38.66	37.95	36.95	36.95	37.23
11	37.07	37.07	37.21	37.21	36.93	36.93	36.07	36.35	37.21	38.07	37.93	37.93	37.50	37.21	37.07
12 [b]	37.19	37.19	37.05	37.05	36.91	36.62	35.62	35.48	36.19	37.19	37.48	37.48	38.05	38.05	37.76
13	37.03	36.89	36.31	36.03	36.31	36.46	35.74	35.89	37.03	37.60	37.46	38.03	37.74	37.89	37.46
14	37.15	37.01	37.01	36.87	36.87	36.01	34.72	35.44	36.01	36.58	36.87	37.01	37.44	37.15	37.44
15	36.99	36.99	36.99	36.70	36.70	36.24	36.13	36.70	37.42	37.99	37.56	37.13	37.28	37.28	37.13
16 [a]	36.83	36.97	36.83	36.83	36.68	36.40	36.40	36.68	37.26	37.97	38.26	38.54	37.97	37.26	36.54
17 [b]	36.98	36.98	36.98	37.12	36.98	36.69	36.26	36.41	36.84	37.27	37.27	37.41	37.12	36.98	36.55
18 [b]	37.13	36.99	37.13	36.99	37.13	37.13	36.99	36.70	36.56	36.99	37.42	37.56	37.56	36.99	36.56
19	37.15	37.30	37.44	37.30	37.15	37.01	35.72	35.44	36.01	36.58	37.01	37.15	37.30	37.15	37.01
20	37.16	37.16	37.31	37.16	37.16	36.88	35.59	35.45	35.73	35.88	36.16	36.16	36.30	36.59	36.73
21 [a]	37.32	37.46	37.32	37.17	37.17	36.74	35.74	35.89	36.31	36.89	37.03	36.74	36.31	36.46	36.60
22	37.19	37.34	37.19	37.05	36.76	36.33	35.76	36.33	36.62	37.34	37.62	38.05	37.19	36.48	35.91
23	37.20	37.35	37.20	37.06	36.77	36.49	35.20	35.34	36.06	37.20	37.63	38.06	37.20	36.92	36.63
24	37.37	37.22	37.22	37.08	36.79	36.08	35.08	35.36	35.79	37.22	37.79	38.08	37.08	36.94	36.65
25 [a]	37.09	37.09	37.23	37.09	36.95	36.66	35.95	36.23	36.37	36.66	37.38	38.09	37.38	36.80	36.37
26	37.39	37.39	37.39	37.39	37.10	36.24	35.96	36.24	36.81	37.24	37.39	37.24	37.53	37.10	36.81
27 [b]	37.55	37.55	37.41	37.26	36.98	36.69	35.98	36.12	36.69	37.55	38.41	38.98	38.12	37.69	37.41
28	37.42	37.56	86.70	36.56	37.13	36.70	36.13	36.56	37.13	37.70	38.28	38.85	38.56	38.28	38.13
29	37.28	37.28	37.28	37.14	37.00	36.71	35.85	36.14	36.71	37.14	37.71	38.14	37.28	36.71	36.86
Mean	37.22	37.23	37.16	37.06	36.95	36.60	35.89	36.12	36.61	37.25	37.59	37.63	37.36	37.26	37.17
Mean [a]	37.20	37.28	37.26	37.20	37.05	36.60	36.00	36.17	36.54	37.05	37.51	37.65	37.23	37.28	37.20
Mean [b]	37.22	37.20	37.17	37.11	37.03	36.82	36.20	36.22	36.57	37.17	37.57	37.80	37.74	37.54	37.28

[a] Five international quiet days. [b] Five international disturbed days.

HOURLY VALUES OF DECLINATION.

JANUARY, 1916. 0° East plus tabular quantities.

16h	17h	18h	19h	20h	21h	22h	23h	24h	Mean.	Maximum.			Minimum.			Range.	Day.
′	′	′	′	′	′	′	′	′	′	h.	m.	′	h.	m.	′	′	
38.19	37.91	37.48	37.34	37.34	37.34	37.34	37.34	37.34	37.45	9	00	39.76	11	45	35.07	4.69	1
38.46	38.17	37.46	37.46	37.46	37.32	37.18	37.18	37.04	37.56	9	22	40.16	6	45	36.68	3.48	2
38.30	37.59	37.30	37.44	37.30	37.30	37.30	37.16	37.02	37.44	9	42	40.14	6	40	36.38	3.76	3
38.14	38.00	37.86	37.72	37.52	37.29	37.19	37.33	37.19	37.11	9	00	38.85	12	30	35.73	3.12	4
38.46	37.03	37.32	37.46	37.46	37.46	37.32	37.18	37.18	37.29	10	00	39.61	13	50	35.18	4.43	5
38.88	38.74	37.60	37.88	38.03	38.03	37.88	37.74	37.60	37.15	16	25	39.16	12	00	34.88	4.28	6
39.16	38.30	37.59	37.87	37.73	37.59	37.59	37.44	37.44	38.05	9	00	40.45	6	50	37.23	3.22	7
38.72	38.58	37.72	38.15	38.01	38.01	37.86	37.72	37.58	37.66	16	30	38.86	11	24	35.29	3.57	8
38.99	38.70	38.13	37.99	37.84	37.70	37.70	37.56	37.56	37.94	9	00	39.70	12	00	37.13	2.57	9
38.83	38.40	37.83	37.98	37.83	37.98	37.83	37.83	37.83	38.10	9	00	39.69	0	27	37.62	2.07	10
39.82	40.25	39.11	39.97	39.25	39.97	38.54	37.82	37.25	38.33	17	00	40.25	13	18	36.82	3.43	11
38.53	38.67	38.10	38.10	37.96	37.81	37.67	37.67	37.53	37.44	9	19	40.24	5	53	35.74	4.50	12
38.23	38.23	37.80	38.09	37.95	37.95	37.80	37.66	37.23									13
36.79	37.22	37.51	37.79	37.79	37.65	37.65	37.65	37.51	37.45	9	25	40.08	14	30	36.15	3.93	14
36.64	37.07	37.35	37.78	37.78	37.78	37.64	37.50	37.64	37.45	9	00	40.79	13	40	35.42	5.37	15
37.92	37.92	37.77	37.77	37.63	37.49	37.34	37.49	37.20	37.70	10	10	40.99	11	35	36.84	4.15	16
37.48	37.48	37.48	37.62	37.62	37.48	37.48	37.33	37.33	37.52	10	00	39.34	4	40	36.41	2.93	17
38.60	38.46	38.17	37.89	37.74	37.60	37.46	37.46	37.17	37.95	9	20	39.81	5	18	37.03	2.78	18
38.29	38.15	37.58	37.87	37.72	37.58	37.72	37.58	37.58	37.69	9	28	39.87	13	00	36.15	3.72	19
38.56	38.42	37.99	37.85	37.70	37.56	37.42	37.27	37.13	37.54	15	09	38.92	7	10	36.20	2.72	20
38.10	37.67	37.10	37.67	37.82	37.67	37.53	37.39	37.39	37.26	15	06	38.46	12	15	36.25	2.21	21
38.94	37.94	37.65	37.80	37.94	37.80	37.51	36.94	37.65	37.70	15	36	39.08	12	10	36.87	2.21	22
38.92	38.35	37.92	37 92	37.78	37.49	37.63	37.63	37.49	37.38	16	00	38.92	12	15	35.49	3.43	23
39.47	39.19	37.90	37.76	37.76	37.61	37.47	37.47	37.47	37.51	16	25	39.61	12	17	35.60	4.01	24
38.73	38.73	38.15	38.01	38.30	37.87	37.58	37.58	37.30	37.33	16	33	39.30	12	00	34.87	4.43	25
37.99	37.85	37.71	37.71	37.85	37.71	37.56	37.56	37.42	37.66	8	45	39.00	2	00	36.70	2.30	26
37.83	37.97	37.54	37.69	37.69	37.54	37.54	37.54	37.54	37.32	8	00	38.40	12	16	34.83	3.57	27
37.95	37.81	37.52	37.52	37.52	37.52	37.52	37.38	37.38	37.63	9	00	39.38	13	00	36.81	2.57	28
37.49	37.49	37.49	37.78	37.64	37.49	37.49	37.35	37.21	37.46	11	15	39.06	14	00	35.63	3.43	29
37.33	37.47	37.33	37.47	37.47	37.33	37.33	37.47	37.33	37.43	10	00	38.62	7	00	36.47	2.15	30
38.31	37.60	37.31	37.45	37.31	37.31	37.45	37.31	37.45	37.52	11	00	39.74	7	00	35.88	3.86	31
38.26	38.11	37.70	37.83	37.77	37.68	37.57	37.47	37.39	37.57			39.54			36.11	3.43	
37.92	37.89	37.52	37.78	37.72	37.63	37.58	37.46	37.43	37.58			39.80			35.99	3.81	
38.93	38.82	38.19	38.36	38.10	38.16	37.82	37.64	37.45	37.76			39.60			36.37	3.23	

FEBRUARY, 1916. 0° East plus tabular quantities.

′	′	′	′	′	′	′	′	′	′	h.	m.	′	h.	m.	′	′	
38.00	37.72	37.43	37.58	37.43	37.43	37.29	37.15	37.29	37.25	11	30	38.28	7	20	35.79	2.49	1
36.97	37.55	37.12	37.26	37.40	37.26	37.26	37.26	37.12	37.16	11	00	37.98	7	00	35.97	2.01	2
37.53	37.53	37.24	37.38	37.38	37.38	37.24	37.24	37.24	37.34	11	00	39.24	7	00	35.81	3.43	3
38.08	38.08	37.65	37.51	37.65	37.51	37.36	37.22	37.51	37.40	13	00	38.79	7	00	34.93	3.86	4
37.91	38.20	37.49	37.49	37.34	37.20	37.06	37.34	37 34	36.88	16	15	38.34	8	00	34.91	3.43	5
38.61	38.32	37.75	37.47	37.32	37.18	37.18	37.32	37.32	37.33	16	00	38.61	7	00	35.89	2.72	6
37.72	37.86	37.44	37.58	37.44	37.29	37.15	37.15	37.29	37.26	16	25	38 00	12	45	36.15	1.85	7
38.27	38.42	38.13	37.56	37.42	37.27	37.13	37.13	37.27	37.35	17	00	38.42	7	06	35.77	2.65	8
37.40	37.68	37.54	37.40	37.25	37.25	37.25	36.97	37.11	37.12	11	00	38.25	6	50	35.97	2.28	9
37.23	37.66	37.52	37.38	37.38	37.38	37.09	37.09	37.09	37.22	10	48	38.80	3	13	36.52	2.28	10
36.93	37.21	37.64	37.50	37.36	37.36	37.21	37.21	37.21	37.22	10	15	38.21	7	00	36.07	2.14	11
37.48	37.62	37.48	37.19	37.19	37.19	37.19	36.76	37.05	37.10	13	17	38.19	8	00	35.48	2.71	12
37.03	37.32	37.46	37.17	37.17	37.17	37.03	37.03	37.17	37.02	12	00	38.03	6	44	35.67	2.36	13
37.58	37.72	37.44	37.30	37.15	37.15	37.30	37.30	37.15	36.90	17	00	37.72	7	00	34.72	3.00	14
37.13	37.28	37.42	37.42	37.28	37.13	36.99	36.85	36.70	37.07	10	00	37.99	7	00	36.13	1.86	15
36.54	37.11	37.26	37.26	37.40	37.26	37.11	36.83	36.97	37.13	12	00	38.54	6	35	36.12	2.42	16
37.12	37.55	37.41	37.27	37.27	37.12	37.12	37.12	37.12	37.04	17	50	37.84	7	00	36.26	1.58	17
36.56	37.28	36.70	36.85	36.85	36.85	36.85	36.99	37.13	37.00	11	34	37.85	8	52	36.27	1 58	18
37.01	37.44	37.15	36.86	37.15	37.01	37.01	37.15	37.15	36.96	17	20	37.58	8	00	35.44	2.14	19
36.73	37.16	37.02	36.88	37.02	37.16	37.16	37.16	37.16	36.70	3	00	37.31	8	00	35.45	1.86	20
36.89	36.89	37.03	37.17	37.32	37.17	37.17	37.17	37.17	36.88	2	00	37.46	7	00	35.74	1.72	21
36.62	37.19	37.34	37.19	37.34	37.34	37.19	37.05	37.34	36.99	12	00	38.05	7	00	35.76	2.29	22
36.77	37.20	37.06	37.06	37.20	37.20	37.20	37.20	37.35	36.94	12	00	38.06	7	00	35.20	2.86	23
37.08	37.22	37.37	37.08	37.22	37.08	37.08	37.08	36.94	36.91	12	00	38.08	7	00	35.08	3.00	24
36.52	36.80	37.23	37.23	37.23	37.38	37.38	37.23	37.38	36.99	12	00	38.09	7	00	35.95	2.14	25
37.24	37.53	37.39	37.53	37.67	37.53	37.39	37.39	37.53	37.18	20	00	37.67	7	00	35.96	1.71	26
37.55	37.55	37.55	37.41	37.55	37.55	37.55	37.41	37.26	37.41	12	00	38.98	7	00	35.98	3.00	27
38.28	37.56	37.27	37.27	37.27	37.13	36.99	37.13	37.27	37.41	12	00	38.85	7	00	36.13	2.72	28
37.43	37.57	37.00	37.28	37.57	37.43	37.14	37.28	37.28	37.13	12	00	38.14	7	00	35.85	2.29	29
37.32	37.52	37.36	37.29	37.32	37.25	37.17	37.15	37.20	37.11			38.18			37.76	2.42	
37.31	37.37	37.34	37.34	37.34	37.28	37.23	37.14	37.23	37.12			38.20			35.90	2.30	
37.40	37.68	37.45	37.26	37.26	37.20	37.17	37.08	37.17	37.18			38.26			35.95	2.31	

HOURLY VALUES OF DECLINATION.

MARCH, 1916. 0° East plus tabular quantities.

Day.	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′
1 a	37.16	37.02	37.45	37.16	37.02	36.73	36.45	36.73	37.16	37.59	38.02	38.45	37.45	37.88	38.16
2	37.32	37.32	37.32	37.32	37.04	36.75	36.32	36.32	36.75	37.04	37.04	36.75	36.61	37.18	37.61
3	37.34	37.34	37.34	37.34	37.34	37.20	36.77	36.34	36 20	36.20	36.77	37.06	37.92	38.06	37.92
4	37.65	37.51	37.51	37.36	37.08	36.79	35.79	35.93	36.51	36.94	37.36	37.22	37.22	37.36	37.08
5	37.24	37.38	37.38	37.24	37.24	37.10	37.10	37.53	38.24	37.81	36.96	36 67	36.24	36.53	36.96
6	37.70	37.84	37.70	37.70	37.27	36.56	36.56	36.84	37.27	37.70	36.84	36.27	36.56	36.99	37.56
7	37.29	37.01	37.15	37 01	36.43	37.29	37.15	37.15	36.72	35.86	35.72	35.43	36.00	35.72	37.15
8 b	37.60	37.74	37.74	38.03	38.46	38.74	38.60	38.46	38.31	37.31	36.88	36.60	36.31	36.31	35.88
9 b	37.19	37.33	37.19	36.90	36.90	37.05	37.05	37.33	37.62	37.76	38.19	37.19	35.76	36.04	35.76
10 b	36.64	38.07	37.21	37.78	37.35	37.07	36.21	35.64	34.92	37.07	37.07	36.78	36.64	36.78	36.78
11	37.67	37.24	37.38	36.95	37.10	36.95	37.38	37.95	38.38	38.67	38.53	37.81	37.38	37.81	38.10
12	37.54	37.69	37.69	37.54	37.40	37.26	37.54	37.83	37.97	37.69	37.54	38.40	38.55	38.40	38.26
13 a	37.42	37.28	37.42	36.99	36.99	37.14	37.56	38.23	38.85	39.28	38.57	37.85	37.71	37.99	37.99
14	37.30	37.44	37.44	37.44	37.58	37.73	38.01	38.30	38.01	37.87	37.58	36.44	35.87	36.30	37.30
15 a	37.75	37.60	37.60	37.46	37.46	37.75	38.18	38.61	38.89	39.32	39.03	36.89	35.75	36.46	37.46
16	37.49	37.49	37.49	37.35	37.49	37.63	37.78	37.92	38.35	37.92	37.06	35.92	35.63	36.35	37.35
17	37.65	37 80	37.51	37.51	37.51	37.80	38.94	39.94	40.37	39.66	38.80	37.37	36.80	36.65	37.08
18	37.67	37.67	37.53	37.39	37.39	37.39	38.25	38.39	38.53	38.39	38.25	37.82	35.96	35.53	36.53
19	38.13	38.28	37.99	37 70	37.56	37.28	38.28	38.85	39.42	38.99	37.99	37.13	36.27	36.70	37.42
20	38.15	38.30	37.87	37.72	37.58	37.30	38.01	38.87	39.44	39.73	39.44	38.01	36.72	37.30	37.72
21	38.03	38.17	38.03	38.03	37.46	38.03	38.89	40.03	39.60	39.32	38.17	36 60	35.60	35.74	36.89
22	37.91	38.05	37.76	37.91	38.05	38.05	38.91	40.05	39.91	38.77	36.62	35.62	34.90	35.48	36.19
23 a	37.65	37.79	37.79	37.94	38.08	38.08	38.94	40.08	40.37	39.51	37.79	35.79	35.65	36.08	37.22
24	37.67	37 81	37.96	37.81	37.53	37.67	38.53	38.82	39.10	38.10	36.96	36.10	36.53	37.39	38.39
25	38.55	38.69	39.26	39.55	38.84	39.26	39.84	40.12	39.26	38.69	37.26	36.69	36.27	36.40	37.12
26	37.44	37.86	37.58	37.15	36.72	35.72	37.58	39.15	39.87	39.01	37.29	36.43	36.29	37.29	37.58
27 a	37.60	37.74	37.60	37.74	37.74	38.31	39.46	39.89	39.60	39.17	38.60	37.74	37.31	37.03	37.17
28	37.76	37.90	37.62	37.62	37.62	37.90	39.05	39.91	39.19	38.91	37.76	37.33	37.05	36.47	36.90
29 b	37.92	37.78	37.92	37.78	37.64	37.21	37.64	38.78	39.21	39.07	37.78	36.78	36.64	37.21	37.64
30 b	38.67	38.67	38.76	38.38	38.96	38.67	37.67	36.52	35.95	35.52	35.38	35.24	34.95	35.67	36.81
31	38.55	38.83	38.40	38.40	38.55	38.26	38.40	38.55	38.12	37.83	37.12	35.97	36.83	37.55	37.26
Mean	37 67	37.76	37.69	37.62	37.53	37.51	37.83	38.23	38.33	38.15	37.56	36.85	36.50	36.80	37.27
Mean a	37.52	37.49	37.57	37.46	37.46	37.60	38.12	38.72	38.97	38.97	38.40	37.34	36.77	37.09	37.60
Mean b	37.60	37.92	37.75	37.77	37.86	37.75	37.43	37.35	37.20	37.35	37.06	36.52	36.06	36.40	36.57

APRIL, 1916. 0° East plus tabular quantities.

	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′
1	38.14	38.28	37.99	37.85	37.71	37.57	38.14	38.42	38.57	38.85	37.99	36.85	36.14	36.28	36.42
2	38.01	38.16	38.16	38.16	37.73	38.01	38.59	39.16	39.73	40.30	39.59	37.87	36.58	36.01	36.58
3	37.76	37.90	38.04	38.19	38.04	38.47	39.47	40.33	40.19	39.19	38.04	36.47	35.04	34.61	35.61
4 a	37.89	38.03	37.89	37.75	37.89	38.03	39.32	40.32	40.61	39.89	37.46	35.46	34.60	34.89	36.46
5 a	38.17	38.31	38.31	38.17	37.88	38.02	38.88	39.74	40.17	40.31	39.31	37.45	36.31	36.74	37.02
6	38.01	38.16	38.30	38.30	38.01	38.30	38.59	38.73	38.59	38.30	37.73	36.73	35.87	35.73	36.44
7	37.87	37.87	37.73	37.73	37.73	38.01	39.02	39.16	39.30	39.16	38.16	37.16	36.44	37.16	37.30
8	37.86	37.72	37.72	37.58	37.43	37.72	38.86	39.72	40.01	40.29	38.86	37.58	37.15	36.86	36.86
9	37.71	37.85	37.99	37.71	37.85	37.71	38.14	38.85	38.57	38.42	37.71	36.28	35.85	36.14	36.42
10 a	37.84	37.98	37.98	37.84	37.70	37.84	38.84	39.27	39.70	39.84	38.84	37.84	37.41	37.56	37.70
11	37.97	37.83	37.69	37.69	37.55	37.69	38.26	38.69	38.98	39.26	38.69	38.26	38.12	38.40	38.69
12	37.97	37.83	37.69	37.69	37.55	37.83	38.83	39.40	39.83	39.69	37.69	36.54	36.12	36.69	37.69
13 a	37.82	38.11	37.82	37.82	37.68	38.11	39.54	39.97	39.82	39.25	38.25	37.39	37.25	37.54	37.82
14	38.10	38.10	38.10	37.67	37.53	37.67	38.96	39.53	39.96	39.67	38.24	36.52	35.95	36.10	36.81
15	38.09	37.94	37.94	38.09	38.09	38.52	39.37	39.95	40.23	39.23	37.52	35.80	35.51	36.09	36.80
16	38.23	38.23	38.09	38.23	38.23	38.95	39.37	39.95	39.09	38.66	38.09	37.23	36.94	37 23	37.37
17	38.08	38.22	38.22	38.36	38.51	38.22	38.65	38.79	38.22	37.22	36.36	35.93	35.65	36 79	37.36
18	38.19	38.48	38.19	38.33	38.05	38.62	39.33	39.48	39.33	38.91	37.76	36.76	37.05	37.62	38.33
19	38.30	38.45	38.59	38.59	38.30	38.73	38.88	38.16	37.59	37.45	37.16	36.73	36.02	35.87	36.73
20	38.13	38.27	38.42	38.56	38.42	37.84	38.70	40.13	40.99	40.56	39.27	38.13	37.27	37.13	37.56
21	38.11	38.11	37.97	37.54	37.40	36.97	38.40	39.25	39.97	38.97	38.11	36.82	36.82	37.11	37.82
22	37.79	37.94	37.79	37.65	37.37	37.51	38.80	39.51	40.08	38.80	36.94	36.36	36.51	36.79	36.94
23	37.62	37.62	37.76	37.62	37.48	36.91	38.05	38.48	38.62	37.62	36.33	36.19	36.05	36.62	37.48
24 a	37.45	37.73	37.88	37.73	37.59	38.02	38.59	38.45	38.45	38.45	38.16	37.45	37.45	37.45	37.73
25 b	37.57	37.43	37.57	37.71	37.57	37.43	37.71	37.71	37.86	37.71	37.00	36.00	35.71	36.14	36.71
26 b	37.97	37.97	38.54	38.40	38.54	40.26	39.40	38.54	38.26	36.11	35.68	35.25	35.40	35.83	36.54
27 b	37.80	38 05	37.94	37.94	37.65	37.65	37.94	37.37	37.23	36.37	35.51	35.08	35.51	35.94	37.08
28 b	38.34	38.48	38.34	38.48	38.77	39.91	40.20	39.91	38.63	36.77	35.48	34.48	34.62	35.05	35.62
29 b	37.89	37.75	37.75	37.89	38.03	38.89	40.61	40.32	39.32	36.17	37.03	35.60	35.03	35.17	35.89
30	37.86	37.86	38.15	38.43	38.15	38.29	37.86	37.15	36.57	35.72	35.29	34.71	35.00	35.86	36.00
Mean	37.95	38.02	38.02	37.99	37.88	38 12	38.84	39.15	39.15	38.57	37.61	36.56	36.18	36.45	36.99
Mean a	37.83	38.03	37.98	37.86	37.75	38.00	39.03	39.55	39.75	39.55	38.40	37.12	36.60	36.84	37.35
Mean b	37.91	37.94	38.03	38.08	38.11	38.83	39.17	38.77	38.26	36.63	36.14	35.28	35.25	35.63	36.37

a Five international quiet days. b Five international disturbed days.

HOURLY VALUES OF DECLINATION.

MARCH, 1916. 0° East plus tabular quantities.

16h	17h	18h	19h	20h	21h	22h	23h	24h	Mean.	Maximum.			Minimum.			Range.	Day.
′	′	′	′	′	′	′	′	′	′	h.	m.	′	h.	m.	′	′	
38.59	38.16	37.20	37.30	37.45	37.45	37.30	37.16	37.30	37.42	16	00	38.59	7	00	36.45	2.14	1
37.90	37.61	37.32	37.47	37.47	37.32	37.18	37.04	37.18	37.13	16	00	37.90	6	50	36.25	1.65	2
37.63	37.49	37.06	37.34	37.20	37.06	36.92	37.49	37.34	37.19	13	50	38.49	10	05	36.13	2.36	3
36.94	37.22	37.51	37.51	37.65	37.51	37.51	37.22	37.36	37.16	0	22	37.79	6	40	35.65	2.14	4
37.24	37.38	37.10	36.96	37.10	37.24	37.10	37.38	37.53	37.19	9	00	38.24	13	13	36.17	2.07	5
38.27	38.42	38.27	37.84	37.70	37.27	37.41	37.56	37.27	37.39	17	00	38.42	6	52	35.99	2.43	6
37.29	37.29	37.01	37.15	37.15	37.43	37.43	37.58	37.58	36.87	22	55	37.65	12	00	35.43	2.22	7
36.45	37.31	37.60	38.03	37.88	37.74	37.45	38.31	37.45	37.55	6	10	38.81	15	10	35.60	3.21	8
37.05	37.47	37.05	37.33	37.19	37.62	37.76	37.33	37.62	37.15	11	27	38.40	12	53	35.48	2.92	9
36.92	37.21	37.49	37.49	37.64	37.35	37.35	37.35	37.35	37.01	2	25	38.21	9	00	34.92	3.29	10
38.53	38.24	37.67	37.24	37.38	37.38	37.38	37.24	37.38	37.66	10	00	38.67	1	33	36.52	2 15	11
38.26	38.12	37.40	37.40	37.54	37.40	37.40	37.26	37.40	37.73	13	00	38.55	5	45	37.19	1.36	12
38.28	38.14	37.56	37.56	37.71	37.56	37.28	37.28	37.28	37.75	10	00	39.28	5	24	36.85	2.43	13
37.87	38.30	37.87	37.73	37.73	37.58	37.30	37.30	37.30	37.48	16	30	38.37	13	00	35.87	2.50	14
38.18	38.03	37.89	38.03	37.89	37.60	37.32	37.32	37.32	37.74	10	00	39.32	13	00	35.75	3.57	15
37.92	38.35	38.21	38.06	37.92	37.92	37.78	37.63	37.49	37.52	9	14	38.42	12	35	35.21	3.21	16
37.94	37.94	37.80	38.08	37.80	37.65	37.65	37.51	37.51	37.97	9	00	40.37	14	51	36.58	3.79	17
36.82	37.10	37.39	37.67	37.82	37.53	37.96	37.96	38.10	37.54	11	24	38.67	14	00	35.53	3.14	18
37.99	38.13	37.85	37.56	37.99	37.85	37.85	37.85	37.99	37.88	9	15	39.49	13	00	36.27	3.22	19
38.15	38.58	38.15	38.15	37.72	38.01	38.01	37.72	37.72	38.10	10	30	39.87	13	15	36.58	3.29	20
37.46	38.17	38.03	37.60	37.46	37.46	37.46	37.60	37.60	37.81	8	00	40.03	13	41	34.88	5.15	21
37.48	38.19	37.76	37.62	37.62	37.48	37.62	37.62	37.76	37.64	8	00	40.05	13	00	34.90	5.15	22
38.08	38.22	37.94	37.94	38.08	37.94	37.65	37.51	37.65	37.91	9	00	40.37	13	00	35.65	4.72	23
38.67	37.96	37.53	37.39	37.39	37.53	37.67	37.67	37.96	37.76	9	00	39.10	12	00	36.10	3.00	24
37.27	37.83	37.98	37.69	37.83	37.69	37.55	37.55	37.83	38.13	8	00	40.12	13	00	36.26	3.86	25
37.72	38.15	37.86	37.58	38.01	37.86	37.58	37.44	37.72	37.62	9	00	39.87	5	50	35.30	4.57	26
37.46	38.31	38.17	37.60	37.74	37.74	37.60	37.60	37.60	38.02	8	00	39.89	14	15	36.89	3.00	27
37.62	37.90	37.48	37.62	37.62	37.62	37.62	37.62	37.62	37.82	8	00	39.91	14	00	36.47	3.44	28
38.64	38.50	37.64	38.21	38.64	38.35	38.64	38.07	38.93	38.03	9	00	39.21	13	00	36.64	2.57	29
37.81	37.95	37.38	37.67	37.24	37.53	37.81	37.67	38.24	37.29	5	17	39.10	12	48	34.81	4.29	30
37.97	38.12	38.26	37.97	38.26	38.40	37.97	38.12	37.97	37.99	2	00	38.83	12	00	35.97	2.86	31
37.75	37.93	37.65	37.64	37.67	37.62	37.56	37.55	37.62	37.60	---		39.03	---		35.94	3.09	---
38.12	38.17	37.72	37.69	37.77	37.66	37.43	37.37	37.43	37.77	---		39.49	---		36.32	3.17	---
37.37	37.69	37.43	37.75	37.72	37.72	37.80	37.75	37.92	37.41	---		38.75	---		35.49	3.26	---

APRIL, 1916. 0° East plus tabular quantities.

′	′	′	′	′	′	′	′	′	′	h.	m.	′	h.	m	′	′	
37.14	37.85	37.99	37.71	37.71	37.71	37.42	37.71	37.99	37.68	9	38	38.99	13	36	36.00	2.99	1
37.59	38.16	38.01	37.87	37.73	37.73	37.73	37.73	37.73	38.04	10	00	40.30	14	00	36.01	4.29	2
37.33	37.90	37.62	37.62	37.76	37.76	37.76	37.90	37.90	37.79	8	00	40.33	14	00	34.61	5.72	3
37.75	38.32	38.03	37.75	38.03	37.89	37.75	37 75	37.89	37.82	9	00	40.61	13	00	34.60	6.01	4
38.02	38.45	38.17	37.88	37.88	37.74	37.74	37.74	37.88	38.18	9	42	40.38	13	00	36.31	4.07	5
37.59	38.44	38.30	38.01	37.87	37.87	37.73	38.44	38.16	37.84	8	00	38.73	14	00	35.73	3.00	6
37.73	38.30	38.30	38.01	38.01	37.73	37.59	37.59	37.59	37.94	9	00	39.30	13	00	36.44	2.86	7
37.43	37.72	37.72	37.86	38.00	38.29	37.72	38.00	37.72	38.03	10	00	40.29	14	40	36.58	3.71	8
37.14	37.71	38.14	38.28	38.14	37.99	37.85	37.71	37.85	37.67	8	00	38.85	13	00	35.85	3.00	9
38.56	38.56	37.98	37 70	37.84	37.70	37.70	37.70	37.84	38.16	10	00	39.84	13	00	37.41	2.43	10
38.69	38.40	37.83	37.97	38.12	37.83	37.83	37.83	37.83	38.17	10	00	39.26	5	00	37.55	1.71	11
38.26	38.40	38.40	38.12	37.97	37.97	37.83	37.69	37.69	37.97	9	38	40.11	12	31	35 98	4.13	12
37.96	38.25	38.11	37.68	37.54	37.82	37.82	37.68	37.68	38.11	8	00	39.97	13	00	37 25	2.72	13
38.24	38.96	38.67	37.67	37.53	37.67	37.53	37.53	37.81	37.94	9	00	39.96	13	00	35.95	4.01	14
38.23	38.23	37.66	37.09	37.66	37.52	37.52	37.66	38.09	37.87	9	00	40.23	13	00	35.51	4.72	15
37.66	37.94	37.94	37.80	37.66	37.66	37.52	37.66	37.94	38.07	8	00	39.95	13	00	36.94	3.01	16
37.93	38.22	37.65	37.65	37.51	37.51	37.65	37.79	37.93	37.68	8	43	38.93	12	40	35.58	3.35	17
39.05	38.91	38.05	37.48	37.33	37.62	37.48	37.62	38.05	38.17	8	00	39.48	12	40	36.48	3.00	18
37.59	38.16	37.73	37.45	37.30	37.45	37.59	37.73	38.02	37.69	6	50	39.02	14	00	35.87	3.15	19
38.13	38.13	37.42	37.27	37.42	37.56	37.56	37.56	37.56	38.25	9	20	41.13	14	00	37.13	4.00	20
38.11	38.11	37.68	37.40	37.82	37.68	37.54	37.40	37.54	37.86	9	00	39.97	13	05	36.10	3.87	21
37.65	37.65	37.51	37.51	37.94	37.51	37.51	37.51	37.51	37.71	9	00	40.08	12	12	36.22	3.86	22
38.34	38.62	37.91	37.34	37.19	37.34	37.48	37.34	37.48	37.48	16	50	38.69	13	00	36.05	2.64	23
38.16	38.16	37.88	37.45	37.45	37.45	37.31	37.31	37.31	37.79	7	00	38.59	12	25	37.24	1.35	24
37.43	37.57	37.43	37.14	37.29	37.57	37.43	37.14	38.00	37.28	24	00	38.00	1?	08	35.57	2.43	25
36.54	36.83	37.26	37.26	37.54	37.40	37.11	37.26	37.40	37.39	6	12	40.68	12	20	34.98	5.70	26
37.37	37.65	37.37	37.23	37.08	36.94	37.08	37.94	37.94	37.15	2	00	38.05	11	40	34.80	3 25	27
37.05	37.34	37.05	37.05	37.05	36.91	37.20	37.34	37.77	37.41	7	10	40.34	12	22	34.20	6.14	28
36.89	37.32	37.03	37.18	36.75	36.89	36.75	37.03	37.46	37.36	6	48	40.75	13	35	34.89	5.86	29
36.43	36.86	37.00	37 00	37.00	37.00	37.15	37.29	37.43	36.92	3	18	38.71	12	35	34.29	4.42	30
37.73	38.04	37.79	37.58	37.60	37.59	37.53	37.62	37.77	37.78	---		39.65	---		35.94	3.71	---
38.09	38.35	38.03	37.69	37.75	37.72	37.66	37.64	37.72	38.01	---		39.88	---		36.56	3.32	---
37.06	37.34	37.32	37.17	37.14	37.14	37.11	37.34	37.71	37.32	---		39 56	---		34.89	4.67	---

HOURLY VALUES OF DECLINATION.

MAY, 1916. 0° East plus tabular quantities.

Day.	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′
1	37.69	37.83	37.97	37.69	37.69	39.12	39.26	38.40	36.40	35.83	35.97	36.40	36.11	35.69	35.54
2	37.38	37.67	37.52	37.38	37.38	38.81	39.81	39.96	39.38	38.24	37.24	36.67	35.52	35.38	35.38
3	37.67	37.81	37.81	37.10	37.24	38.10	39.53	39.53	38.24	37.24	37.10	35.67	34.95	35.38	35.67
4	37.08	37.08	37.08	37.22	37.50	38.65	39.36	39.36	38.93	37.22	35.79	34.93	34.64	35.22	35.50
5	37.19	37.19	37.33	37.33	37.47	38.33	39.33	39.76	39.62	38.90	37.76	36.19	35.62	35.90	36.47
6	37.45	37.45	37.60	37.45	37.74	38.60	38.88	38.60	38.46	38.03	36.88	36.31	36.17	36.45	36.88
7	36.58	36.58	36.72	36.58	36.58	37.72	38.44	38.58	37.86	37.01	35.72	35.29	34.86	34.86	35 29
8	36.99	37.41	37.13	37.13	37.56	39.27	40.13	39.70	39.13	38.13	36.13	35.56	35.70	35.84	35.98
9	36.68	36.82	36.97	37.11	36.82	37.68	37.97	38.40	38.11	36.82	35 68	35.25	35.25	35.54	35.96
10	36.95	37.09	36.95	37.09	37.23	37.52	38.09	38.23	37.52	37.09	36.52	35.94	35.80	36.37	36.80
11	37.07	37.07	37.35	37.50	37.21	37.35	37.64	37.50	37.07	36.50	35.50	34.92	35.35	36.21	36.78
12	37.33	37.33	37.48	37.33	37.62	37.19	36.91	36.62	36.33	35.76	35.33	35.62	35.62	36.19	37.05
13 a	37.17	37.17	37.17	37.17	37.17	37.31	37.60	37.89	37.46	37.03	36.31	36.17	36.46	36.74	37.03
14 a	37.29	37.29	37.15	37.15	37.29	38.01	38.58	38.30	37.44	36.58	35.58	35.15	35.29	35.58	36.01
15 a	37.27	37.42	37.56	37.42	37.42	37.56	37.70	37.56	36.85	35.56	35.27	35.42	35.42	35.42	35.99
16	37.54	37.40	37.40	37.25	37.54	39.26	39.54	38.40	36.97	35.54	34.54	34.39	35.25	35.97	36.11
17	37.52	37.66	37.52	38.09	38.09	38.95	38.52	38.24	37 52	36.95	35.95	36.09	36.09	36.23	36.52
18 a	36.83	36.97	37.25	37.25	37.40	38.97	39.54	38.40	37.54	36.25	35.11	34.82	34.68	34.97	35.97
19	36.85	36.99	36.99	36.99	37.13	38.28	38.99	39.28	38.56	37.13	36.13	35.42	35.13	35.56	35.70
20	36.72	37.15	37.44	37.44	37.58	38.30	39.73	39.87	39.15	37.87	36.72	35.86	35.15	35.29	36.15
21 b	36.89	37.03	37.17	37.17	37.17	38.32	39.60	39.17	38.03	36.89	35.46	34.17	33.88	34.74	35.17
22 b	37.91	37.33	37.05	37.76	38.34	38.62	39.34	38.05	37.48	35.33	34.19	33.90	34.05	34.47	35.19
23 b	37.35	38.36	37.93	37.93	38.21	38.93	39.79	38.36	36.50	35.35	34.07	33.92	34.21	34.07	34.35
24	37.51	37.22	37.51	37.65	37.79	38.65	39.08	39.37	39.08	38.22	36.94	35.22	34.65	35.36	35.65
25	37.10	37.38	37.53	37.67	37.96	38.67	39.67	39.96	39.39	37.10	34.95	34.38	33.95	34.24	34.67
26	37.26	37.55	37.12	37.26	37.40	38.55	38.98	38.69	38.26	36.26	34.69	33.40	32.83	33.40	34.97
27 a	37.28	37.14	37.28	37.57	37.71	39.43	41.00	41.14	39.71	37.28	34.99	34.28	34.14	34.56	35.71
28	37.16	37.16	37.30	37.30	37.59	39.02	40.16	40.02	38.87	37.73	36.73	36.59	37.02	37.59	37.73
29	37.46	37.75	37.32	37.75	38.18	39.75	40.18	39.18	37.18	35.18	34.32	34.60	35.03	35.89	36.89
30 b	36.91	37.20	37.77	37.63	38.34	39.34	39.63	38.77	37.77	36.48	34.91	34.05	33.91	34.91	36.20
31 b	36.50	36.79	37.50	37.78	38.35	39.35	39.93	39.64	38.78	36.65	35.21	34.49	34.78	35.35	35.64
Mean	37.18	37.30	37.35	37.39	37.57	38.50	39.13	38.87	38.05	36.84	35.73	35.20	35.08	35.46	36.00
Mean a	37.17	37.20	37.28	37.31	37.40	38.26	38.88	38.66	37.80	36.54	35.45	35.17	35.20	35.45	36.14
Mean b	37.11	37.34	37.48	37.65	38.08	38.91	39.66	38.80	37.71	36.14	34.77	34.11	34.17	34.71	35,51

JUNE, 1916. 0° East plus tabular quantities.

	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′
1	37.21	37.35	37.49	37.64	37.78	38.64	38.92	38 78	37.79	36.36	34.93	33.79	33.50	34.50	34.21
2 a	37.09	37.24	37.24	37 09	37.52	38.95	39.38	39.10	37.53	35.82	34.82	33.96	34.67	35.10	35.82
3 a	37.41	37.41	37.55	37.55	37.70	39.27	39.56	39.13	37.42	36.13	35.56	35.28	35.56	35.85	36.13
4	37.44	37.44	37.58	37.58	37.44	38.44	39.30	39.16	37.88	36.45	35.02	34.02	34.45	34.88	36.16
5	37.47	37.47	37.61	37.61	37.76	38.90	39.33	39.04	37.91	36.91	36.48	36.05	35.76	36.34	37.05
6	37.36	37.50	37.64	37.50	37.79	38.93	39.36	39.07	37.94	37.08	36.65	35.95	35.65	36.08	36.51
7	37.67	37.82	37.96	37.96	38.25	39.25	40.10	39.39	37.96	36.53	34.81	34.53	34.39	35.11	35.97
8 b	37.69	37.84	37.98	37.98	38.27	39.41	39.98	39.55	38.99	37.99	37.70	36.56	36.27	36.42	36.56
9	37.72	38.01	38.30	38.15	38.15	39.30	39.73	39.58	39.31	38.31	36.59	35.02	33.87	35.02	35.87
10 a	37.90	37.90	38.04	38.04	38.18	38.90	39.76	40.18	39.19	37.19	35.62	34.76	35.05	35.33	36.05
11	37.78	37.93	37.93	38.07	38.21	38.64	39.21	38.93	38.51	38.08	37.79	37.51	36.79	36.65	36.65
12	37.67	37.81	37.96	38.10	38.10	39.53	39.67	39.53	38.11	36.54	35.68	34.82	34.96	35.54	36.68
13	37.84	37.99	37.70	37.84	38.13	39.56	39.99	39.56	38.85	36.71	36.14	35.71	36.28	36.57	36.85
14	37.59	37.73	37.87	37.73	38.16	39.45	40.45	39.59	37.87	36.16	35.30	35.01	35.31	35.60	35.88
15 a	37.89	38.04	38.04	38.18	38.32	40.18	41.75	41.18	39.62	37.76	35.90	35.19	35.33	35.90	36.47
16 a	37.49	37.64	37.78	37.92	38.21	39.50	40.35	40.64	39.78	38.50	36.78	35.64	35.36	35.93	36.50
17	37.51	37.66	37.80	38.09	38.23	39.66	40.95	41.09	40.53	38.24	36.95	36.52	36.24	35.24	33.24
18 b	37.69	37.97	38.12	38.26	38.26	39.69	41.12	41.12	40.56	39.56	36.84	35.41	34.98	35.27	35.54
19 b	37.86	38.00	38.29	38.43	38.72	39.58	39.58	38.72	36.87	36.15	35.30	34.58	35.01	35.44	36.44
20	38.32	38.75	39.32	38.89	38.75	39.89	40.04	39.75	38.19	35.90	35.47	34.47	34 04	34.47	35.61
21	38.21	38.35	38.35	38.49	38.64	39.21	39.64	38.92	38.35	36.92	35.78	35.78	36.64	36.93	37.50
22 b	38.23	38.37	38.51	38.51	38.37	38.80	39 80	39.94	39.24	37.24	36.52	35.52	35.66	35.95	36.52
23 b	38.26	38.54	38.54	39.26	39.54	40.12	40.97	40.12	39.70	38.70	37.27	36.12	36.12	36.55	36.69
24	38.29	38.43	38.57	38.43	38.57	39.43	40.29	40.86	40.01	38 73	37.01	36.15	36.58	37.01	37.01
25	38.32	38.32	38.46	38.46	38.60	39.60	40.46	40.18	39.75	38 46	37.60	36.60	36.90	36.47	36.32
26	38.05	37.91	38.48	38.05	38.05	38.19	39.91	40.77	40.92	39.49	38.35	37.06	36.49	36.20	36.63
27	38.22	38.37	38.08	38.37	38.51	38.65	39.37	39.94	40.09	38.81	38.52	37.52	36 95	37.09	37 23
28	37.97	38.11	37.97	37.97	38.11	39.11	39.83	39.83	38.55	36 98	35.69	34.40	34.55	35.69	36.83
29	37.28	37.43	37.43	37.28	37.57	39.43	41.00	40.14	38.29	36.72	35.29	34.29	34.43	35.29	35.86
30	37.31	37.31	37.31	37.46	38.46	39.74	40.03	40.17	39.03	38.60	37.46	36.31	36.75	37.18	37.47
Mean	37.76	37.89	38.00	38.03	38.21	39.26	39.99	39.80	38.82	37.43	36.33	35.48	35.48	35.85	36.34
Mean a	37.56	37.65	37.73	37.76	37.99	39.36	40.16	40.05	38.71	37.08	35.74	34.97	35.19	35.62	36.19
Mean b	37.95	38.14	38.29	38.49	38.63	39.52	40.29	39.89	39.07	37.93	36.73	35.64	35.61	35.93	36.35

a Five international quiet days. b Five international disturbed days.

HOURLY VALUES OF DECLINATION.

MAY, 1916. 0° East plus tabular quantities.

16h	17h	18h	19h	20h	21h	22h	23h	24h	Mean.	Maximum.			Minimum.			Range.	Day.
′	′	′	′	′	′	′	′	′	′	h.	m.	′	h.	m.	′	′	
36.24	37.69	37.83	36.97	37.26	36.97	36.97	37.26	37.26	37.17	6	30	39.54	15	00	35.54	4.00	1
36.38	37.24	37.10	36.95	36.95	36.81	36.81	36.95	37.24	37.34	8	00	39.96	14	12	35.24	4.72	2
36.67	37.95	37.95	37.24	37.24	37.24	37.10	37.24	37.10	37.28	7	33	39.67	13	00	34.95	4.72	3
36.79	37.50	38.22	37.08	37.36	37.22	37.08	36.93	37.08	37.12	7	45	39.50	13	00	34.64	4.86	4
37.33	37.76	37.47	37.19	37.05	36.90	36.90	37.05	37.47	37.48	8	00	39.76	13	00	35.62	4.14	5
37.74	38.46	38.46	38.60	38.17	36.88	36.88	36.74	36.74	37.57	6	27	39.02	13	00	36.17	2.85	6
36.43	38.15	38.29	37.29	37.15	37.01	36.86	36.86	37.01	36.82	8	00	38.58	13	20	34.79	3.79	7
36.41	37.13	37.56	37.27	37.27	37.13	36.99	36.84	36.70	37.30	7	00	40.13	12	36	35.49	4.64	8
36.54	37.39	37.54	37.11	36.68	36.68	36.68	36.82	36.97	36.81	8	00	38.40	12	18	35.11	3.29	9
36.66	36.95	36.80	36.95	36.80	36.80	36.95	36.95	37.09	36.96	7	30	38.37	12	44	35.66	2.71	10
37.50	37.93	37.50	37.21	36.78	37.07	36.93	37.07	37.35	36.93	17	00	37.93	12	36	34.78	3.15	11
37.33	37.62	37.33	36.91	37.05	36.91	36.91	37.05	37.19	36.83	5	28	37.76	11	00	35.33	2.43	12
37.46	37.89	37.46	37.17	37.08	36.89	37.03	37.17	37.31	37.14	7	35	38.03	12	00	36.17	1.86	13
36.87	37.01	37.15	37.15	37.01	37.15	37.29	37.15	37.29	36.95	7	00	38.58	12	00	35.15	3.43	14
36.70	36.99	37.13	37.13	36.99	36.99	36.99	37.13	37.42	36.80	7	20	37.84	11	00	35.27	2.57	15
36.68	36.97	37.25	36.68	36.68	36.54	36.68	36.68	36.97	36.84	6	35	39.68	12	00	34.39	5.29	16
37.38	37.81	37.52	37.09	37.23	37.23	36.81	36.66	36.66	37.26	6	28	39.38	12	48	35.67	3.71	17
36.83	37.11	37.40	36.97	36.83	36.68	36.68	36.83	36.68	36.83	7	00	39.54	13	00	34.68	4.86	18
37.13	38.13	37.56	36.99	36.85	36.70	36.70	36.56	36.70	37.02	8	00	39.28	13	00	35.13	4.15	19
36.72	37.29	37.44	36.87	36.87	36.72	36.87	36.87	36.87	37.21	8	00	39.87	13	20	35.01	4.86	20
35.88	36.89	37.31	37.17	37.03	37.31	37.17	36.89	37.60	36.84	7	00	39.60	13	00	33.88	5.72	21
36.33	36.76	37.05	36.91	37.62	37.05	36.91	36.76	37.05	36.73	6	50	39.48	12	35	33.62	5.86	22
36.21	36.78	36.64	36.78	36.78	36.64	36.64	37.07	37.07	36.71	7	00	39.79	12	00	33.92	5.87	23
36.65	37.08	37.22	37.65	37.22	37.08	36.79	36.94	36.94	37.23	6	24	39.44	13	00	34.65	4.79	24
35.38	36.67	36.96	37.10	37.10	37.10	36.96	37.10	37.10	36.92	7	36	40.10	13	00	33.95	6.15	25
36.83	37.69	37.55	37.12	37.26	37.12	36.98	37.12	37.12	36.73	6	30	39.12	12	40	32.69	6.43	26
36.71	37.42	37.28	37.00	37.14	37.00	36.71	36.85	37.00	37.18	8	00	41.14	13	20	34.00	7.14	27
38.16	38.02	37.87	37.44	37.16	37.02	37.02	36.87	37.02	37.69	7	00	40.16	12	00	36.59	3.57	28
37.18	38.04	37.75	37.04	36.89	36.89	37.04	37.04	37.04	37.15	7	00	40.18	11	00	34.32	5.86	29
36.48	37.34	37.48	36.91	36.63	36.77	37.48	36.63	36.77	36.93	6	10	39.77	13	16	33.77	6.00	30
36.50	37.65	37.92	36.36	37.65	37.08	36.79	36.93	37.08	37.11	6	50	40.00	12	10	34.35	5.65	31
36.78	37.46	37.48	37.11	37.09	36.95	36.92	36.94	37.06	37.06	---		39.34	---		34.85	4.49	---
36.91	37.28	37.28	37.08	37.00	36.94	36.94	37.03	37.14	36.98	---		39.02	---		35.05	3.97	---
36.28	37.08	37.28	36.83	37.14	36.97	37.00	36.86	37.11	36.86	---		39.73	---		33.91	5.82	---

JUNE, 1916. 0° East plus tabular quantities.

′	′	′	′	′	′	′	′	′	′	h.	m.	′	h.	m.	′	′	
35.22	36.37	36.94	36.80	37.08	36.94	36.80	36.94	36.94	36.62	6	50	38.99	13	10	33.43	5.56	1
36.39	36.97	37.40	37.26	37.11	36.97	36.97	37.26	37.26	36.87	7	00	39.38	12	10	33.89	5.49	2
36.71	37.29	37.43	37.29	37.29	37.14	37.29	37.43	37.43	37.20	7	00	39.56	11	50	35.21	4.35	3
37.02	37.74	37.89	37.60	37.75	37.46	37.32	37.32	37.32	37.11	7	42	39.37	12	20	33.95	5.42	4
37.48	37.63	37.63	37.49	37.35	37.20	37.06	37.06	37.20	37.41	7	00	39.33	13	15	35.69	3.64	5
37.22	37.66	37.81	37.66	37.52	37.38	37.09	36.95	37.38	37.40	7	20	39.43	13	00	35.65	3.78	6
36.54	36.68	36.83	36.83	36.97	36.97	37.25	37.40	37.54	37.11	7	21	40.17	12	42	34.32	5.85	7
36.85	37.00	37.14	36.71	36.71	37.00	37.14	37.71	37.57	37.63	7	03	40.05	12	54	36.20	3.85	8
36.59	37.46	37.60	37.46	37.31	37.74	37.74	37.60	37.74	37.51	7	27	39.80	12	50	33.80	6.00	9
36.47	36.77	36.63	36.77	36.92	36.92	37.20	37.49	37.63	37.29	7	40	40.25	12	10	34.70	5.55	10
36.79	37.37	37.66	37.66	37.52	37.37	37.23	37.37	37.52	37.72	7	28	39.28	13	29	36.58	2.70	11
37.54	37.83	37.69	36.98	36.98	37.12	37.55	37.40	37.55	37.39	7	00	39.67	12	24	34.75	4.92	12
37.00	37.43	37.58	37.72	37.72	37.58	37.43	37.58	37.72	37.64	7	05	40.06	11	46	35.64	4.42	13
36.88	38.03	38.17	38.03	37.88	37.60	37.31	37.74	37.88	37.47	7	00	40.45	12	36	34.94	5.51	14
37.19	37.91	38.20	37.91	37.77	37.63	37.34	37.20	37.34	37.84	7	10	41.82	12	45	35.12	6.70	15
37.22	37.79	37.36	37.65	37.50	37.36	37.36	37.36	37.50	37.71	7	45	40.71	12	40	35.29	5.42	16
36.38	37.68	37.96	37.68	37.82	37.11	37.25	37.11	37.39	37.76	7	36	41.16	14	40	35.17	5.99	17
36.69	37.28	37.56	37.71	37.85	37.99	37.71	37.85	37.71	37.86	7	28	41.19	13	10	34.91	6.28	18
37.01	36.88	37.88	37.59	37.45	37.74	37.74	37.88	38.17	37.39	6	36	39.65	11	48	34.51	5.14	19
36.47	36.91	37.05	36.91	36.91	37.05	37.20	37.48	37.77	37.32	6	30	40.11	13	00	33.97	6.14	20
37.22	37.22	37.79	37.22	37.07	37.22	37.50	37.79	38.07	37.70	7	00	39.64	11	30	35.71	3.93	21
36.95	37.10	37.25	37.25	37.10	37.25	37.39	37.53	37.96	37.62	7	24	40.01	12	00	35.52	4.49	22
36.84	37.27	37.28	37.56	37.42	37.56	37.85	37.99	38.13	38.10	7	00	40.97	13	20	36.05	4.92	23
37.15	37.45	37.59	37.45	37.59	37.88	38.02	38.16	38.16	38.12	8	00	40.86	11	48	36.08	4.78	24
37.04	37.18	37.47	38.04	37.61	37.47	37.33	37.18	37.33	37.96	7	00	40.46	14	35	36.25	4.21	25
37.20	37.50	37.78	37.93	37.93	37.64	37.93	37.78	38.21	38.10	8	30	40.99	13	45	36.13	4.86	26
37.38	37.53	37.39	37.39	37.24	37.24	37.24	37.53	37.67	38.01	8	30	40.16	13	00	36.95	3.21	27
37.12	37.42	37.27	37.42	37.70	37.27	37.27	37.13	37.27	37.39	7	30	39.90	12	52	34.33	5.57	28
36.58	36.30	37.02	37.16	37.30	37.30	37.16	37.16	37.30	37.13	7	00	41.00	11	52	34.22	6.78	29
37.75	38.04	38.18	38.04	37.47	37.32	37.32	37.18	37.18	37.88	7	30	40.24	12	18	36.24	4.00	30
36.90	37.32	37.51	37.44	37.39	37.35	37.37	37.45	37.59	37.54	---		40.15	---		35.17	4.98	---
36.80	37.35	37.40	37.38	37.32	37.20	37.23	37.35	37.43	37.38	---		40.34	---		34.84	5.50	---
36.87	37.11	37.42	37.36	37.31	37.51	37.57	37.79	37.91	37.72	---		40.37	---		35.43	4.94	---

HOURLY VALUES OF DECLINATION.

JULY, 1916. 0° East plus tabular quantities.

Day.	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′
1 [b]	37.19	37.19	37.33	37.33	37.47	38.33	38.76	39.91	38.19	36.05	34.76	34.33	35.04	35.33	35.76
2	37.18	37.18	37.32	37.32	37.47	38.75	39.75	39.61	38.61	37.18	36.32	35.61	35.18	35.75	36.75
3	38.03	38.17	38.31	38.17	38.46	39.60	41.17	41.03	40.03	37.60	36.03	35.17	35.31	35.74	35.88
4	37.31	37.60	37.74	37.88	38.17	38.89	40.60	40.89	40.03	38.74	37.17	36.03	35.60	35.74	36.17
5	37.73	38.16	38.45	38.45	38.59	40.02	41.16	40.59	39.73	38.02	37.16	35.73	35.44	36.73	37.16
6	37.29	37.29	37.44	38.01	38.44	39.45	40.15	40.30	40.01	38.58	37.15	35.72	35.72	35.58	35.15
7 [a]	37.29	37.29	37.29	37.86	38.15	38.15	37.86	38.58	38.44	37.58	37.15	36.72	37.01	35.86	35.72
8 [b]	37.28	37.28	37.43	37.43	37.57	38.15	38.71	39.71	39.71	38.86	37.85	37.14	37.14	35.85	36.00
9 [b]	37.13	37.42	38.56	38.14	38.56	37.13	38.85	38.85	38.56	36.99	35.70	35.70	36.70	36.99	36.13
10	37.27	37.42	37.13	37.13	37.42	38.56	39.56	38.99	38.42	36.70	35.70	34.70	35.41	35.56	36.13
11	37.12	37.12	37.26	37.26	37.41	38.55	39.69	39.98	38.84	38.12	36.99	35.69	35.83	35.98	35.98
12	37.11	37.25	37.25	37.40	37.11	38.54	39.54	38.83	38.40	37.11	36.68	35.68	35.97	37.11	37.11
13	37.25	37.25	37.25	37.25	37.68	38.68	39.97	39.68	38.54	37.11	36.97	35.68	35.25	35.68	36.38
14	37.10	37.10	37.10	37.24	37.53	38.67	39.96	40.10	38.53	37.24	36.96	35.67	35.24	35.67	36.38
15 [a]	37.10	37.10	37.10	37.24	37.53	38.53	39.96	40.10	39.10	38.10	37.10	36.24	35.67	36.67	36.96
16	37.09	37.23	37.38	37.38	37.23	38.38	39.95	39.95	39.52	38.38	36.95	36.37	35.80	36.09	37.23
17 [b]	37.23	37.38	37.52	37.80	38.09	39.66	40.66	41.38	40.24	38.52	37.09	35.66	34.52	35.37	35.80
18	37.21	37.36	37.64	37.78	38.07	39.36	41.22	41.79	40.22	38.50	36.78	35.64	34.91	34.77	34.63
19	37.05	37.34	38.05	38.19	38.34	38.48	39.91	41.20	41.34	40.05	38.48	37.05	36.33	35.05	35.19
20	37.04	37.04	37.33	37.47	37.75	38.76	40.19	41.04	40.76	38.47	37.04	35.90	36.17	36.03	36.60
21	37.02	37.02	37.02	37.02	37.16	38.31	38.74	38.88	38.02	37.02	36.59	35.59	35.58	36.72	37.01
22	37.29	37.29	37.57	37.57	37.71	38.29	39.43	39.86	38.86	37.29	37.00	36.28	35.70	36.00	36.70
23 [b]	37.12	37.55	37.84	38.12	38.41	39.84	40.84	41.27	39.84	38.27	36.98	36.26	35.55	35.84	36.12
24	36.97	37.11	37.26	37.26	37.26	38.40	39.54	39.54	38.40	37.97	36.97	35.54	35.53	35.96	36.39
25	36.95	36.95	37.09	37.24	37.66	38.38	39.52	39.81	38.67	37.38	36.81	35.66	35.51	35.51	35.65
26	36.93	37.07	37.07	37.22	37.50	39.07	39.79	39.07	38.36	36.79	36.79	36.50	36.78	36.92	37.63
27 [a]	36.91	36.91	36.91	37.05	37.20	38.48	39.63	39.34	38.63	37.05	35.77	35.62	35.48	35.19	35.91
28 [a]	37.04	37.19	37.19	37.04	37.76	39.47	40.76	40.05	38.33	36.76	35.47	35.18	34.32	34.46	35.76
29 [a]	36.88	36.88	36.88	36.88	37.17	38.45	39.74	39.74	39.31	36.88	35.16	34.02	35.01	35.30	35.73
30	36.86	36.86	36.86	37.00	37.15	38.29	39.43	39.29	38.29	36.29	34.43	34.00	33.99	34.99	35.71
31	36.70	36.84	36.84	37.13	37.41	38.41	39.99	40.13	39.41	37.27	35.99	35.41	35.70	36.41	36.84
Mean	37.15	37.25	37.40	37.49	37.72	38.71	39.84	39.98	39.14	37.64	36.58	35.69	35.59	35.83	36.21
Mean [a]	37.04	37.07	37.07	37.21	37.56	38.62	39.59	39.56	38.76	37.27	36.13	35.56	35.50	35.50	36.02
Mean [b]	37.19	37.36	37.74	37.76	38.02	38.62	39.56	40.22	39.31	37.74	36.48	35.82	35.79	35.88	35.96

AUGUST, 1916. 0° East plus tabular quantities.

	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′
1 [a]	36.83	36.83	36.83	36.97	37.26	38.69	39.69	39.40	38.55	36.83	35.54	35.26	35.10	35.25	35.82
2	37.10	37.24	37.24	37.38	37.81	39.10	39.67	38.53	36.95	36.52	36.24	35.67	35.37	35.51	35.51
3	37.22	37.79	37.93	38.08	38.65	39.51	39.94	39.79	38.65	37.79	36.79	35.65	34.92	35.21	35.49
4	36.77	36.77	36.91	37.06	37.34	38.34	39.92	40.63	39.34	35.91	34.91	34.34	34.20	34.90	35.33
5	36.89	36.89	37.04	37.32	37.75	38.32	39.18	38.18	36.89	36.61	36.03	35.03	35.18	35.32	36.03
6 [b]	37.03	37.03	37.31	37.74	37.88	38.88	39.74	39.31	38.31	37.74	35.45	35.74	36.44	36.30	36.16
7	36.72	36.72	36.86	36.86	36.86	37.72	38.58	38.58	38.44	37.72	35.43	34.86	34.85	35.14	34.99
8	36.70	36.84	36.84	37.56	37.56	38.42	39.70	39.70	39.42	38.42	38.13	36.99	36.26	36.12	36.26
9	36.68	36.68	36.68	37.25	36.82	38.11	38.40	39.11	38.40	37.68	36.68	36.54	35.67	35.53	36.24
10	36.80	36.80	36.80	36.95	37.37	38.09	39.23	38.80	38.23	36.95	36.66	36.09	35.66	36.37	36.66
11	36.65	36.65	36.79	36.94	37.08	38.37	39.37	39.22	38.22	36.08	34.08	34.22	34.92	35.64	36.50
12	36.77	36.77	37.06	37.63	37.77	38.06	39.06	38.92	36.92	35.63	34.77	34.06	34.76	35.05	35.76
13	37.33	37.61	37.75	38.04	38.18	39.47	40.61	39.90	38.33	36.90	35.61	35.18	35.60	36.60	36.74
14	36.88	37.16	37.59	37.73	37.88	39.02	39.16	38.02	36.73	35.45	34.59	33.73	34.43	34.72	35.58
15 [a]	36.71	36.71	36.86	37.14	37.71	39.43	39.72	38.57	36.71	35.14	33.14	32.57	33.28	34.14	35.28
16 [a]	36.85	36.99	37.42	37.56	37.85	39.42	40.85	40.99	40.13	37.99	36.70	35.27	34.99	35.70	36.56
17 [a]	36.99	36.99	37.13	37.27	37.70	39.13	40.42	40.42	38.99	36.56	34.99	33.84	34.13	34.70	35.42
18	36.85	37.13	37.56	37.70	37.99	39.42	40.71	39.56	38.99	36.85	35.99	35.13	35.13	35.13	35.56
19	37.42	37.56	37.56	37.70	37.85	39.13	40.42	40.13	39.13	36.70	35.42	34.41	34.70	35.84	37.27
20	36.56	36.85	37.27	37.70	37.85	38.28	38.13	37.27	36.42	33.70	32.84	33.70	34.41	35.42	36.56
21	36.70	36.70	37.27	36.70	36.85	37.99	37.99	37.56	35.99	35.13	34.99	34.84	34.70	35.13	36.27
22 [b]	36.99	37.13	37.27	37.27	37.56	38.56	39.56	39.13	37.70	36.42	35.70	35.56	35.27	35.27	35.84
23 [b]	37.42	37.56	37.42	35.99	37.56	36.70	37.42	37.99	37.56	36.70	36.56	35.99	35.84	36.13	36.70
24	36.85	36.99	37.56	37.70	37.85	39.28	39.42	38.13	36.13	34.70	33.70	33.27	33.84	34.99	36.13
25 [a]	36.71	36.86	37.00	37.28	37.71	39.29	39.72	39.29	37.28	35.14	34.71	34.57	35.14	36.43	37.28
26 [b]	36.71	36.86	37.14	37.43	37.86	39.00	39.14	38.00	36.86	35.14	34.71	34.85	35.28	36.71	38.00
27 [b]	37.43	37.71	37.71	38.29	39.00	40.72	40.57	41.15	39.00	36.57	36.14	35.14	34.42	35.71	36.57
28	37.00	37.28	37.86	37.86	38.00	39.43	40.14	39.86	38.29	37.57	36.14	35.28	35.14	35.14	36.00
29	37.14	37.43	37.57	37.71	38.00	40.29	41.15	40.14	38.00	35.71	34.28	33.42	33.57	34.42	35.14
30	37.28	37.57	37.71	37.86	38.00	39.86	41.86	40.72	39.29	37.71	36.00	34.85	33.71	34.71	36.43
31	37.28	37.43	37.57	37.86	38.00	39.43	40.43	39.43	38.14	36.86	35.71	35.00	34.85	35.14	36.43
Mean	36.94	37.08	37.27	37.44	37.73	38.89	39.67	39.24	38.00	36.48	35.44	34.87	34.90	35.43	36.15
Mean [a]	36.82	36.88	37.05	37.24	37.65	39.19	40.08	39.73	38.33	36.33	35.02	34.30	34.53	35.24	36.07
Mean [b]	37.12	37.26	37.37	37.34	37.97	38.77	39.29	39.12	37.89	36.51	35.71	35.46	35.45	36.02	36.65

[a] Five international quiet days. [b] Five international disturbed days.

HOURLY VALUES OF DECLINATION.

JULY, 1916. 0° East plus tabular quantities.

16h	17h	18h	19h	20h	21h	22h	23h	24h	Mean.	Maximum.			Minimum.			Range.	Day.
′	′	′	′	′	′	′	′	′	′	h.	m.	′	h.	m.	′	′	
37.05	38.19	39.05	38.76	37.47	37.05	36.47	36.62	37.05	37.11	8	45	40.20	12	00	34.33	5.87	1
37.75	37.89	37.61	37.18	37.04	37.04	37.18	37.18	37.32	37.34	7	36	39.89	12	42	35.04	4.85	2
36.03	36.74	37.17	37.31	37.31	37.17	37.03	37.17	37.17	37.58	7	10	41.24	12	38	35.03	6.21	3
36.60	37.17	37.31	37.17	37.03	37.31	37.17	37.31	37.31	37.62	7	42	41.03	12	30	35.46	5.57	4
37.44	37.44	37.30	37.16	37.16	37.59	37.59	37.44	37.44	37.90	7	05	41.23	12	32	35.30	5.93	5
35.58	35.86	37.01	37.15	37.15	37.15	37.15	37.29	37.15	37.41	7	30	40.44	14	45	35.04	5.40	6
35.72	37.01	37.15	37.15	37.15	37.15	37.15	37.15	37.29	37.24	8	00	38.58	15	15	35.65	2.93	7
37.00	37.14	37.28	37.14	37.00	37.00	37.14	37.14	37.14	37.50	8	10	39.78	14	35	35.78	4.00	8
37.13	37.27	38.56	37.13	37.13	36.85	36.41	36.99	36.99	37.33	7	36	39.00	11	15	35.63	3.37	9
37.13	37.27	37.13	36.99	36.99	36.99	36.99	36.99	36.99	37.07	7	20	39.63	11	50	34.56	5.07	10
36.69	36.83	37.12	37.12	37.12	37.12	37.12	37.12	37.12	37.30	8	00	39.98	12	30	35.55	4.43	11
37.40	37.25	37.11	37.25	37.40	37.11	37.11	37.11	37.11	37.33	7	15	39.61	12	00	35.68	3.93	12
36.68	37.11	37.40	37.54	37.25	37.25	37.25	37.11	37.11	37.30	6	57	40.04	12	15	35.11	4.93	13
36.67	37.10	37.39	37.53	37.24	37.24	37.24	37.10	37.10	37.30	7	00	40.10	13	10	35.17	4.93	14
37.10	37.24	37.39	37.10	37.10	37.10	37.10	37.10	37.10	37.45	8	00	40.10	13	00	35.67	4.43	15
37.23	37.66	37.66	37.23	37.09	37.09	37.09	37.23	37.23	37.52	7	15	40.02	13	00	35.80	4.22	16
36.52	37.09	37.23	37.09	37.09	37.38	37.09	37.23	37.23	37.54	8	00	41.38	12	48	34.45	6.93	17
35.49	35.77	36.77	36.92	37.20	37.06	37.06	37.06	37.06	37.34	8	00	41.79	14	58	34.56	7.23	18
35.76	37.05	37.05	37.05	37.05	37.05	37.05	37.05	37.05	37.68	9	00	41.34	14	15	34.98	6.36	19
36.89	37.03	37.03	37.03	37.03	37.03	37.03	37.03	37.03	37.53	8	00	41.04	12	50	35.83	5.21	20
37.15	37.30	37.15	37.01	37.01	37.01	37.15	37.15	37.30	37.16	7	50	39.02	12	10	35.51	3.51	21
36.85	36.99	36.99	36.99	36.99	36.99	36.99	36.99	36.99	37.32	7	50	39.93	13	20	35.63	4.30	22
36.55	37.27	37.27	36.98	36.84	36.69	36.98	36.98	36.84	37.59	8	00	41.27	12	55	35.48	5.79	23
36.96	37.39	37.96	37.25	36.96	36.96	36.96	36.82	36.96	37.26	7	30	39.61	12	10	35.46	4.15	24
36.51	36.94	36.94	37.08	36.94	36.94	36.94	36.94	36.94	37.12	8	00	39.81	13	33	35.37	4.44	25
37.92	38.06	37.63	37.35	36.92	36.92	36.92	36.92	36.92	37.46	7	00	39.79	12	20	36.36	3.43	26
36.77	36.91	37.20	37.48	37.34	36.91	36.91	36.91	36.91	37.06	7	25	39.70	14	00	35.19	4.51	27
37.18	38.32	37.75	37.03	37.03	37.03	36.89	36.89	36.75	37.15	7	35	40.83	13	15	34.03	6.80	28
36.73	37.01	37.58	37.16	37.01	36.87	36.87	36.87	36.73	36.95	7	30	39.81	12	00	34.02	5.79	29
36.85	37.14	36.85	37.14	36.99	36.85	36.71	36.56	36.42	36.71	7	00	39.43	12	35	33.85	5.58	30
36.84	36.84	36.84	36.84	36.70	36.70	36.55	36.55	36.84	37.13	7	50	40.20	12	00	35.41	4.79	31
36.78	37.17	37.35	37.20	37.09	37.05	37.01	37.03	37.05	37.33	---		40.19	---		35.19	5.00	---
36.70	37.30	37.41	37.18	37.13	37.01	36.98	36.98	36.96	37.17	---		39.80	---		34.91	4.89	---
36.85	37.39	37.88	37.42	37.11	36.99	36.82	36.99	37.05	37.41	---		40.32	---		35.13	5.19	---

AUGUST, 1916. 0° East plus tabular quantities.

′	′	′	′	′	′	′	′	′	′	h.	m.	′	h.	m.	′	′	
36.96	37.82	37.53	37.25	37.25	37.11	37.11	36.96	37.11	37.08	7	27	39.76	12	36	35.03	4.73	1
36.37	36.66	36.80	36.80	36.80	36.80	36.80	36.94	36.94	36.94	7	00	39.67	13	06	35.30	4.37	2
36.49	37.07	37.78	37.07	36.78	36.92	36.78	36.78	36.78	37.33	6	50	40.01	13	12	34.85	5.16	3
35.62	36.33	36.62	36.76	36.76	36.76	36.76	36.90	36.90	36.75	8	00	40.63	13	00	34.20	6.43	4
36.89	37.75	37.04	36.89	36.75	36.75	36.75	36.75	36.75	36.87	6	30	39.25	12	18	34.96	4.29	5
37.73	38.02	37.45	37.02	36.73	37.73	36.73	36.87	36.73	37.34	7	40	39.81	11	15	35.38	4.43	6
35.85	36.57	37.00	37.14	36.85	36.85	36.71	36.71	36.71	36.70	7	40	38.65	12	24	34.78	3.87	7
36.69	37.98	37.83	37.12	36.69	36.98	36.69	36.69	36.69	37.43	7	48	39.77	13	40	36.05	3.72	8
36.53	36.81	36.81	36.81	36.81	36.81	36.81	36.81	36.81	36.98	8	00	39.11	13	33	35.46	3.65	9
37.09	37.95	37.95	37.37	36.80	36.66	36.66	36.66	36.66	37.14	7	15	39.30	13	06	35.59	3.71	10
37.64	38.07	37.93	37.21	36.93	36.78	36.64	36.64	36.64	36.88	7	28	39.44	11	42	34.01	5.43	11
36.91	37.76	37.05	36.76	36.62	36.62	36.62	36.62	36.91	36.70	7	20	39.13	12	00	34.06	5.07	12
36.74	36.89	36.60	36.60	36.60	36.74	36.74	36.74	36.74	37.26	6	50	40.68	11	45	35.11	5.57	13
36.87	37.58	37.01	36.72	36.87	36.87	36.72	36.87	36.87	36.71	6	33	39.23	11	48	33.66	5.57	14
36.57	37.28	37.43	36.86	37.00	36.86	36.71	36.57	36.57	36.46	6	38	39.79	12	00	32.57	7.22	15
37.70	38.13	37.99	36.85	36.85	36.99	36.70	36.70	36.85	37.50	8	00	40.99	13	00	34.99	6.00	16
36.86	37.70	37.27	36.85	36.70	36.70	36.70	36.70	36.70	36.95	7	30	40.49	12	00	33.84	6.65	17
36.70	37.56	37.56	36.85	36.70	36.70	36.85	36.99	37.27	37.20	7	00	40.71	12	30	35.06	5.65	18
38.28	38.42	37.70	37.42	37.42	36.85	36.56	36.56	36.56	37.38	7	20	40.49	12	00	34.41	6.08	19
37.70	38.13	37.56	37.42	37.42	36.99	36.99	36.99	36.85	36.63	6	12	38.35	10	24	32.77	5.58	20
36.70	37.99	37.27	37.13	37.13	37.13	36.85	36.85	36.85	36.61	6	48	38.06	12	50	34.63	3.43	21
36.56	37.42	37.42	37.13	37.13	36.99	36.99	36.99	36.99	37.04	7	20	39.63	13	36	35.20	4.43	22
37.56	37.85	37.85	36.85	36.70	36.70	36.70	36.70	36.70	36.96	8	00	37.99	12	36	35.77	2.22	23
36.99	37.70	37.56	37.56	37.42	37.27	36.99	36.85	36.70	36.73	6	42	39.49	11	48	33.20	6.29	24
38.00	37.86	36.86	36.86	36.86	36.71	36.71	36.71	36.71	36.99	7	00	39.72	12	00	34.57	5.15	25
38.29	38.00	37.57	36.86	36.86	36.86	36.86	36.86	37.00	37.04	6	48	39.21	11	30	34.64	4.57	26
37.00	37.00	37.28	36.86	36.71	36.57	36.57	36.57	36.71	37.39	7	42	41.29	12	45	34.35	6.94	27
36.43	37.14	37.57	37.00	37.00	36.71	36.71	36.71	36.86	37.21	6	45	40.21	12	48	35.07	5.14	28
36.14	36.57	37.00	36.71	37.14	37.86	36.86	36.86	37.00	36.88	7	00	41.15	12	18	33.35	7.80	29
37.28	37.28	37.28	37.28	37.00	37.00	37.00	37.00	37.14	37.41	7	00	41.86	13	06	33.64	8.22	30
37.57	37.86	37.28	37.00	37.43	37.43	37.28	37.14	37.14	37.32	7	18	40.51	13	15	34.78	5.73	31
36.99	37.52	37.35	37.00	36.93	36.89	36.79	36.79	36.83	37.03	---		39.82	---		34.56	5.26	---
37.22	37.76	37.42	36.93	36.93	36.87	36.79	36.73	36.79	37.00	---		40.15	---		34.20	5.95	---
37.43	37.66	37.51	36.94	36.83	36.97	36.77	36.80	36.83	37.15	---		39.59	---		35.07	4.52	---

HOURLY VALUES OF DECLINATION.

SEPTEMBER, 1916. 0° East plus tabular quantities.

Day.	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′
1 [a]	37.13	37.27	37.56	37.70	37.99	39.42	39.85	39.56	37 99	36.70	35.42	35.13	35.27	35.56	36.85
2	37.56	37.70	37.85	37.99	37.99	38.85	39.71	39.71	38 85	36.56	34.70	33.27	33.27	33.41	35.13
3 [b]	37.98	37.98	37.98	37.98	37.98	39.41	40.41	39.84	38.69	38.84	36.55	36.55	36.55	37.41	37.69
4 [b]	37.98	37.84	37.55	37.41	37.55	38.12	39.27	39.41	37.98	36.12	35.12	35.12	35.41	36.41	36.98
5	37.83	37.97	37.97	37.68	37.68	37.97	38.83	38.40	37.97	37.11	36.11	35.97	36.11	36.54	36.68
6	37.54	37.54	37.54	37.68	37.97	38.97	39.40	39.40	38.97	36.54	35.11	34.97	35.25	36.11	36.68
7	37.53	37.67	37.82	37.96	38.39	39.25	39.68	39.68	39.53	38.53	37.53	36.53	36.53	36.96	37.67
8	37.24	37.53	37.53	37.96	37.96	38.67	39.39	39.25	37.96	36.53	35.67	35.10	35.53	36.24	37.24
9	37.38	37.38	37.52	37.52	37.66	39.24	40.38	39.81	38.38	37.66	36.52	35.38	35.38	36.23	36.95
10	36.95	37.52	37.52	37.52	37.66	38.66	39.38	38.52	37.66	36.95	36.38	35.80	36.09	36.81	37.81
11	37.51	37.65	37.65	37.94	37.94	39.37	39.08	38.23	36.80	36.22	35.51	35.08	35.65	36.08	36.80
12 [b]	36.80	37.94	37.51	37.94	37.94	38.94	39.66	39.08	37.65	36.80	35.65	35.08	34 94	35.79	37.22
13	36.79	36.50	36.50	36.50	36.93	38.36	39.36	39.36	37.93	35.93	34.78	33.21	33.07	33.64	36.21
14	37.07	37.21	37.64	37.64	37.93	39.36	39.79	39.07	36.50	34.78	33.07	32.50	33.35	35.07	37.50
15	37.49	37.63	37.63	37.78	37.92	39.78	40.78	39.35	37.49	35.06	34.20	33.63	35.06	36.63	38.63
16	37.48	37.48	37.91	37.91	37.91	39.20	39.20	37.91	36.62	35.05	33.76	33.76	34.91	36.48	37.91
17	36.77	36.77	36.91	37.48	37.77	39.34	39.34	39.34	37.77	36.48	35.34	35.05	35.19	36.91	38.62
18	37.76	37.47	37.61	37.61	37.90	38.90	39.04	37.90	36.47	35.47	35.18	34.75	34.76	35.34	36.62
19 [a]	36.78	36.63	36.63	36.63	36.63	37.92	39.35	39.64	39.22	37.78	36.49	35.06	35.36	36.50	37.64
20 [a]	36.80	36.80	36.80	36.80	36.80	37.80	38.65	38.65	37.94	37.08	36.22	35.94	36.09	36.23	36.66
21 [a]	36.82	36.82	36.82	36.82	36.96	37.82	38.67	38.39	37.53	36.53	34.81	33.81	34.11	35.25	36.54
22	36.84	37.12	37.12	37.41	37.55	38.41	38.55	38.27	37.13	35.70	34.70	33.99	34.27	35.56	37.27
23	37.01	37.30	37.44	37.44	37.58	39.01	39.73	38.59	37.16	35.44	34.72	34.37	34.95	36 49	37.63
24	37.22	37.22	37.36	37.51	37.65	39.08	39.36	38.65	37.51	35.79	34 65	34.36	34.50	35.66	37.52
25	37.38	37.53	37.53	37.67	38.24	38.67	39.67	39.96	39.81	38.67	36.95	36.10	35.53	36.82	37.82
26	37.40	37.40	37.55	37.55	37.55	38.12	38.55	38.55	37.26	36.55	35.55	34.70	35.12	36.13	38.27
27 [b]	37.43	37.72	38.00	38.29	38.15	38.72	39.43	39.01	37.58	35.86	35.00	34.57	34.58	35.58	36.30
28	37.31	37.60	37.88	37.88	38.02	38.45	38.74	38.45	37.60	36.45	35.31	34.45	34.46	35.60	36.89
29 [a]	37.33	37.47	37.47	37.62	37.62	38.47	38.90	39.05	38.62	38.33	37.47	36.76	37.05	37.34	38.05
30 [b]	37.35	37.49	37.49	37.49	37.49	37.92	38.35	38.49	38.35	37.35	36.63	35.92	35.79	36.36	37.65
Mean	37.28	37.40	37.48	37.58	37.71	38.74	39.35	38.98	37.90	36.56	35.50	34.90	35.14	36.04	37.25
Mean [a]	36.97	37.00	37.06	37.11	37.20	38.29	39.08	39.06	38.26	37.28	36.08	35.34	35.58	36.18	37.15
Mean [b]	37.51	37.79	37.71	37.28	37.82	38.62	39.42	39.17	38.05	36.59	35.79	35.45	35.45	36.31	37.17

OCTOBER, 1916. 0° East plus tabular quantities.

	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′
1 [b]	37.23	37.51	37.80	38.08	37.51	37.80	38.08	38.51	38.52	37.52	35.95	35.95	35.95	36.95	38.09
2	37.40	37.40	37.40	37.40	37.40	37.69	37.83	37.11	35.97	35.97	36.11	35.97	36.26	36.97	37.40
3	37.12	37.27	37.41	37.41	37.12	37.41	37.98	37.84	37.12	36.55	35.98	34.84	34.55	35.55	36.98
4 [a]	37.42	37.42	37.42	37.42	37.42	37.42	38.71	38.42	38.13	37.56	37.42	35.99	34.99	35.70	37.13
5	37.43	37.43	37.43	37.43	37.43	37.43	37.56	37.72	37.43	36.29	35.71	35.28	35.57	36.29	37.56
6 [b]	37.44	37.44	37.44	37.44	37.15	37.15	37.44	37.73	37.30	36.01	35.58	35.01	34.87	35.87	37.44
7 [b]	37.45	37.45	36.88	35.59	37.45	36.59	36.31	35.73	34.59	33.45	34.30	35.73	36.02	37.16	38.59
8 [b]	37.46	37.60	37.46	37.46	37.32	37.60	38.46	37.89	36.17	34.46	33.31	33.88	34.46	36.03	37.17
9	37.47	37.47	37.76	37.61	37.61	37.90	38.76	37.90	37.47	36.47	35.75	35.75	35.91	36.62	37.62
10	37.35	37.49	37.49	37.63	37.63	38.35	37.92	37.20	37.06	36.35	36.35	36.20	36.06	36.35	37.49
11	37.50	37.50	37.50	37.64	37.50	37.79	38.64	38.07	37.50	36.21	35.78	35.21	35.50	36.21	36.78
12	37.37	37.65	37.65	37.65	37.80	37.80	38.65	38.22	38.51	38.37	37.51	37.22	36.37	37.08	37.51
13 [b]	37.52	37.52	37.66	37.52	37.09	37.52	37.38	36.80	37.09	35.80	34.66	34.66	34.23	35.37	36.66
14	37.53	37.53	37.53	37.82	37.82	37.67	37.67	37.96	37.96	37.39	36.10	35.67	35.67	36.10	37.24
15	36.40	36.82	37.11	37.11	37.25	37.40	37.54	38.54	38.54	37.97	37.54	36.40	36.54	37.40	37.40
16 [a]	37.26	37.26	37.12	37.12	37.12	37.26	37.55	38.26	38.55	38.55	37.98	37.55	37.12	36.98	37.41
17 [a]	37.13	37.13	37.13	37.13	37.13	37.13	37.56	38.27	38.85	38.56	37.70	37.27	37.14	36.57	37.57
18 [a]	37.58	37.58	37.58	37.58	37.58	37.44	37.58	37.87	38.58	37.72	37.44	37.29	37.15	37.29	37.44
19	37.58	37.58	37.58	37.58	37.44	37.15	37.01	37.58	37.58	37.29	37.01	36.29	36.44	37.01	37.58
20	37.58	37.29	37.44	37.29	37.15	37.58	37.87	38.58	38.15	37.72	37.15	36.44	37.29	37.44	37.58
21	37.58	37.72	37.87	37.87	37.58	37.29	36.72	36.72	36.44	36.29	36.29	36.29	37.01	37.58	37.58
22	37.88	37.73	37.88	37.59	37.45	37.16	37.45	37.73	38.02	37.73	37.45	37.45	37.88	37.73	37.73
23	37.59	37.59	37.45	37.59	37.30	37.16	37.59	37.59	37.73	37.88	37.59	37.30	37.45	37.88	37.59
24	37.59	37.59	37.73	37.59	37.45	37.16	37.59	37.59	37.45	37.02	36.59	36.45	37.45	37 73	37.73
25	37.60	37.46	37.31	37.17	37.17	36.88	36.88	37.03	36.88	36.03	35.88	36.46	37.46	37.60	38.31
26	37.60	37.60	37.60	37.60	37.46	37.31	38.17	38.46	38.31	37.31	35.88	35.60	36.17	36.88	37.17
27	37.60	37.60	37.60	37.60	37.60	37.74	38.03	37.89	37.60	36.60	36.17	37.31	36.74	37.31	37.46
28 [a]	37.60	37.60	37.60	37.60	37.60	37.46	37.46	37.46	37.31	37.17	36.60	36.17	36.88	37.60	37.89
29	37.61	37.61	37.61	37.61	37.61	37.18	37.32	37.61	37.47	35.89	35.89	37.04	37.61	37.61	37.90
30	37.18	37.61	37.61	37.61	37.75	37.75	37.90	37.90	37.75	37.18	36.32	36.32	36.89	36.89	37.61
31	37.47	37.61	37.61	37.61	37.75	37.75	37.61	37.61	37.47	37.32	36.18	36.18	36 47	37.47	37.90
Mean	37.44	37.49	37.51	37.46	37.44	37.45	37.68	37.74	37.53	36.86	36.33	36.13	36.33	36.88	37.53
Mean [a]	37.40	37.40	37.37	37.37	37.37	37.34	37.57	38.06	38.28	37.91	37.43	36.85	36.66	36.83	37.49
Mean [b]	37.42	37.50	37.45	37.22	37.30	37.33	37.53	37.33	36.73	35.45	34.76	35.05	35 11	36.28	37.59

[a] Five international quiet days. [b] Five international disturbed days.

HOURLY VALUES OF DECLINATION.

SEPTEMBER, 1916. 0° East plus tabular quantities.

16h	17h	18h	19h	20h	21h	22h	23h	24h	Mean.	Maximum.			Minimum.			Range.	Day.
′	′	′	′	′	′	′	′	′	′	h.	m.	′	h.	m.	′	′	
37.99	37.99	37.99	37.70	37.56	37.56	37.56	37.56	37.56	37.45	7	20	39.92	11	50	35.06	4.86	1
36.56	37.70	37.85	37.70	37.56	37.56	37.70	37.85	37.99	37.13	7	30	39.85	12	40	33.20	6.65	2
38.12	38.55	38.12	38.12	37.98	37.98	37.98	37.98	37.84	38.02	7	36	40.48	10	55	36.47	4.01	3
37.84	38.98	38.41	37.84	37.84	37.84	37.69	37.55	37.55	37.49	7	21	39.55	11	42	35.05	4.50	4
37.97	38.54	38.26	37.83	37.97	37.97	37.54	37.54	37.54	37.58	7	36	38.90	11	50	35.90	3.00	5
37.40	37.83	37.68	37.54	37.54	37.54	37.54	37.54	37.68	37.42	7	15	39.47	11	42	34.90	4.57	6
38.25	39.10	37.96	37.82	36.96	37.39	37.24	36.82	36.96	37.91	7	40	39.75	12	15	36.46	3.29	7
37.96	38.39	37.96	38.10	37.67	37.53	37.10	36.96	37.10	37.44	7	00	39.39	12	00	35.10	4.29	8
37.81	37.81	37.38	36.81	36.81	36.81	36.81	36.81	36.95	37.39	7	24	40.45	12	20	35.31	5.14	9
38.09	38.09	37.81	37.66	37.52	37.38	37.23	37.23	37.38	37.48	7	00	39.38	12	00	35.80	3.58	10
37.65	37.94	38.08	38.23	38.08	37.94	37.51	37.37	37.51	37.41	6	48	39.44	11	57	35.01	4.43	11
37.94	37.94	37.80	37.65	37.65	37.51	36.94	36.94	36.22	37.31	6	30	39.73	13	03	34.87	4.86	12
37.79	38.22	37.64	37.21	37.21	37.07	36.93	36.79	36.79	36.70	7	24	39.43	12	48	33.00	6.43	13
38.22	38.50	37.79	37.50	37.50	37.50	37.50	37.50	37.36	36.99	7	00	39.79	12	20	32.43	7.36	14
39.35	39.21	38.06	37.92	37.63	37.20	37.20	36.92	37.35	37.50	7	00	40.78	12	00	33.63	7.15	15
39.34	39.20	37.91	37.62	37.62	37.19	36.77	36.77	36.77	37.20	16	00	39.34	11	51	33.69	5.65	16
39.34	38.62	38.20	38.05	38.05	37.91	38.62	37.91	37.91	37.65	16	03	39.41	12	00	35.05	4.36	17
37.77	37.62	36.91	37.05	37.48	37.48	37.19	36.62	36.48	36.97	7	00	39.04	12	30	34.68	4.36	18
38.07	38.07	37.50	36.93	36.93	36.79	36.79	36.79	36.79	37.20	8	00	39.64	12	15	34.92	4.72	19
37.81	37.81	37.09	37.09	37.09	36.95	36.95	36.81	36.81	37.07	7	38	38.72	12	33	35.87	2.85	20
37.83	37.97	36.97	36.83	36.83	36.83	36.83	36.68	36.68	36.71	7	30	38.74	11	50	33.74	5.00	21
37.99	37.86	36.57	36.57	36.57	36.57	36.57	36.57	36.71	36.74	6	48	38.62	12	20	33.92	4.70	22
38.34	37.92	37.20	37.06	37.06	37.06	37.06	37.06	37.06	37.11	7	00	39.73	12	00	34.37	5.36	23
38.37	38.09	37.23	37.52	37.37	37.23	37.23	37.23	37.23	37.15	6	30	39.43	12	42	34.29	5.14	24
38.68	38.39	37.68	37.54	37.39	37.25	37.25	37.25	37.25	37.79	8	00	39.96	12	36	35.53	4.43	25
38.70	38.57	37.42	37.28	37.28	37.28	37.28	37.28	37.28	37.28	16	27	38.77	12	24	34.63	4.14	26
37.30	37.59	37.30	37.30	37.30	37.30	37.30	37.30	37.30	37.18	7	00	39.43	12	36	34.50	4.93	27
37.32	37.32	37.32	37.32	37.32	37.32	37.32	37.32	37.32	37.12	7	00	38.74	12	24	34.38	4.36	28
38.34	37.91	37.48	37.34	37.34	37.34	37.34	37.34	37.34	37.72	8	00	39.05	11	38	36.69	2.36	29
38.79	38.79	38.36	38.21	38.50	37.36	37.36	37.36	37.07	37.58	17	18	38.93	13	00	35.79	3.14	30
38.10	38.22	37.66	37.51	37.45	37.35	37.28	37.19	37.19	37.32	---		39.46	---		34.81	4.65	-------
38.01	37.95	37.41	37.18	37.15	37.09	37.09	37.04	37.04	37.23	---		39.21	---		35.25	3.96	-------
38.00	38.37	38.00	37.82	37.85	37.60	37.45	37.43	37.20	37.52	---		39.62	---		35.33	4.29	-------

OCTOBER, 1916. 0° East plus tabular quantities.

′	′	′	′	′	′	′	′	′	′	h.	m.	′	h.	m.	′	′	
38.52	38.39	38.39	37.68	37.39	37.39	37.39	37.39	37.39	37.56	8	20	38.59	11	20	35.67	2.92	1
38.40	37.40	37.40	37.40	37.11	36.97	36.97	37.11	36.83	37.08	15	45	38.55	9	20	35.90	2.65	2
37.41	37.41	37.55	37.55	37.41	37.41	37.41	37.41	37.41	37.00	7	30	38.05	12	42	34.48	3.57	3
37.42	37.42	37.42	37.42	37.28	37.28	37.28	37.28	37.28	37.24	8	00	38.42	1	15	34.92	3.50	4
38.43	37.72	37.43	37.43	37.43	37.29	37.29	37.29	37.43	37.16	16	00	38.43	12	39	35.21	3.22	5
38.87	37.73	37.15	37.44	37.44	37.15	37.15	37.15	36.30	36.99	16	06	38.94	13	00	34.87	4.07	6
39.02	38.45	38.45	37.45	37.45	37.45	37.02	37.16	37.31	36.79	16	15	39.09	9	54	33.38	5.71	7
37.89	38.17	37.46	37.46	37.75	37.46	37.17	36.46	37.46	36.83	7	00	38.46	11	00	33.31	5.15	8
37.91	38.19	37.77	37.48	37.48	37.34	37.19	37.05	37.48	37.33	7	20	38.83	11	20	35.67	3.16	9
37.63	37.63	37.49	37.49	37.49	37.35	37.20	36.63	37.35	37.22	6	00	38.35	13	00	36.06	2.29	10
37.21	37.36	37.50	37.50	37.36	37.36	36.93	37.21	37.21	37.12	7	20	38.71	12	00	35.21	3.50	11
37.51	37.51	37.51	37.51	37.37	37.22	37.22	37.08	37.51	37.58	7	24	38.72	13	20	36.30	2.42	12
37.52	37.95	38.23	37.52	37.52	37.52	37.52	37.09	37.38	36.91	18	00	38.23	12	40	32.80	5.43	13
37.67	37.82	37.24	36.53	37.10	36.81	36.53	36.53	36.53	37.10	8	33	38.03	12	48	35.53	2.50	14
37.54	37.54	37.54	37.54	37.68	37.40	37.25	37.11	37.11	37.36	8	40	38.61	12	28	36.33	2.28	15
37.55	37.55	37.26	37.55	37.55	37.12	37.12	37.12	37.12	37.46	9	03	38.62	13	36	36.91	1.71	16
37.71	38.00	37.57	37.57	37.57	37.43	37.47	37.57	37.57	37.53	9	36	38.92	14	00	36.57	2.35	17
37.58	37.58	37.44	37.29	37.44	37.44	37.44	37.44	37.58	37.54	9	00	38.58	13	00	37.15	1.43	18
37.87	37.87	37.44	37.58	37.58	37.44	37.44	37.29	37.58	37.37	15	40	37.94	12	00	36.29	1.65	19
37.58	37.58	37.15	36.72	36.58	37.15	37.44	37.58	37.58	37.41	8	00	38.58	12	00	36.44	2.14	20
37.58	37.44	37.44	37.58	37.58	37.44	37.58	37.72	37.72	37.29	3	50	38.01	12	10	36.22	1.79	21
37.45	36.87	37.16	37.30	37.30	37.30	37.45	37.59	37.59	37.54	9	00	38.02	17	18	36.73	1.29	22
37.59	37.30	37.30	37.45	37.59	37.59	37.59	37.59	37.45	37.53	10	10	37.95	5	30	37.02	0.93	23
37.88	37.59	37.02	37.30	37.30	37.30	37.30	37.45	37.45	37.39	16	24	37.95	11	48	36.38	1.57	24
37.89	37.60	37.31	37.17	37.46	37.31	37.31	37.46	37.60	37.22	15	00	38.31	10	38	35.81	2.50	25
37.46	37.17	37.31	37.60	37.46	37.31	37.31	37.46	37.60	37.32	8	00	38.46	12	00	35.60	2.86	26
37.60	37.46	37.31	37.60	37.46	37.31	37.31	37.46	37.60	37.37	7	00	38.03	11	00	36.17	1.86	27
38.31	37.89	37.60	37.60	37.46	37.31	37.31	37.46	37.60	37.44	15	38	38.38	12	00	36.17	2.21	28
38.61	38.47	37.75	37.75	37.75	37.61	37.47	37.47	37.47	37.50	16	00	38.61	10	33	35.82	2.79	29
37.90	37.75	37.61	37.61	37.47	37.18	37.04	37.04	37.47	37.39	16	30	38.04	11	30	36.25	1.79	30
38.61	37.75	37.61	37.61	37.61	37.61	37.18	37.18	37.32	37.44	16	00	38.61	11	10	36.11	2.50	31
37.87	37.70	37.51	37.44	37.43	37.33	37.27	37.25	37.36	37.29	---		38.42	---		35.72	2.70	-------
37.71	37.69	37.46	37.49	37.46	37.32	37.32	37.37	37.43	37.44	---		38.58	---		36.34	2.24	-------
38.36	38.14	37.94	37.51	37.51	37.39	37.25	37.05	37.17	37.02	---		38.66	---		34.00	4.66	-------

HOURLY VALUES OF DECLINATION.

NOVEMBER, 1916. 0° East plus tabular quantities.

Day.	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′
1 [a]	37.48	37.48	37.62	37.62	37.76	37.91	37.91	38.62	38.48	37.62	36.19	36.19	36.89	37.32	37.90
2	37.46	37.46	37.31	37.17	37.31	37.46	37.31	37.31	37.17	36.88	36.03	36.17	36.30	36.30	37.16
3	37.58	37.44	37.44	37.29	37.58	37.72	37.58	37.15	36.85	36.71	37.28	37.57	37.71	37.57	37.57
4 [b]	37.41	37.55	37.26	37.26	37.12	36.41	36.12	35.83	36.12	36.98	37.12	37.41	37.25	37.54	37.54
5 [b]	37.53	37.53	37.10	37.96	37.39	35.96	36.24	36.53	36.39	36.96	37.10	37.24	38.09	38.09	38.09
6 [b]	37.22	37.37	36.79	37.08	36.51	36.94	37.37	37.51	37.94	38.65	38.51	37.94	37.50	37.50	37.50
7	37.49	37.35	37.20	36.92	36.63	36.49	36.92	37.35	37.62	38.19	37.91	37.34	37.48	37.62	37.62
8	37.32	37.32	37.17	37.17	36.89	36.60	37.03	37.32	37.46	37.46	37.17	37.32	37.45	37.45	37.16
9	37.30	37.15	37.30	37.30	37.01	36.44	37.01	37.58	37.73	37.58	37.15	36.30	36.58	36.86	37.00
10	37.28	37.28	37.42	37.13	36.99	36.28	35.99	37.13	37.42	37.99	38.13	38.28	37.84	37.70	37.41
11	37.40	37.40	37.40	37.40	37.11	36.97	36.83	36.97	37.25	37.82	37.68	37.68	37.82	37.82	37.82
12 [b]	37.23	37.37	37.08	37.37	37.08	36.80	36.37	36.94	37.37	37.37	37.37	37.37	38.50	38.36	38.79
13	36.06	36.35	37.35	36.06	35.92	35.92	35.78	35.92	36.92	37.35	37.06	37.06	37.34	37.05	36.91
14 [a]	37.33	37.33	37.33	37.47	37.33	36.90	36.19	36.76	37.33	37.47	37.33	37.19	37.03	36.89	36.32
15	37.31	37.31	37.17	37.02	36.88	36.45	36.88	37.17	37.44	37.30	37.59	37.30	37.16	37.01	36 87
16	37.28	37.28	37.28	36.99	36.99	36.14	35.85	36.14	36.85	36.99	37.28	37.57	37.85	37.57	37.28
17	37.29	37.29	37.43	37.29	37.00	36.57	36.43	37.00	37.15	37.29	37.00	37.29	37.43	38.29	37.72
18	37.16	37.16	37.30	37.16	36.87	36.30	35.87	36.58	37.30	37.44	37.16	37.30	37.44	37.59	37.44
19	37.16	37.30	37.30	37.30	36.87	36.30	36.16	36.58	36.87	37.30	38.01	38.16	38.44	38.59	38.44
20 [a]	37.17	37.17	37.31	36.88	37.17	36.31	36.02	36.31	37.02	37.17	37.17	37.31	38.17	37.60	37.74
21 [a]	37.18	37.18	37.32	37.32	37.18	36.89	36.18	36.32	36.32	36.89	36.46	37.32	38.32	38.46	37.32
22	37.19	37.33	37.33	37.19	37.04	36.90	36.76	36.90	37.03	37.33	37.19	36.33	36.90	36.90	37.33
23	37.04	37.04	37.04	37.04	36.90	36.19	35.61	35.61	36.19	36.90	36.33	36.90	37.04	37.19	37.33
24 [a]	37.05	37.20	37.34	37.48	37.34	36.62	35.91	36.05	35.91	36.05	36.20	36.91	37.05	37.20	37.20
25	37.06	37.21	37.21	37.21	36.92	36.21	35.92	36.21	36.35	36.92	37.21	37.49	38.06	37.49	37.35
26	37.07	36.93	37.07	37.37	36.79	35.79	35.93	35.93	36.36	36.93	36.79	37.36	38.36	38.50	37 79
27 [b]	37.22	37.07	36.93	36.93	36.93	36.07	35.79	35.79	35.93	35.93	35.93	35.79	36.36	37.07	37.36
28	37.23	37.23	37.08	37.23	36.94	36.65	35.94	35.65	34.80	35.65	36.23	36.94	37.23	37.37	37.51
29	37.09	36.95	37.09	36.95	36.81	35.95	34.95	34.52	34.52	34.38	34.81	35.66	37.09	37.81	38.52
30	36.53	36.67	36.96	36.67	36.96	36.82	36.82	36.67	37.10	37.53	37.68	37.53	37.39	37.39	38.53
Mean	37.20	37.22	37.23	37.17	37.01	36.57	36.39	36.61	36.84	37.10	37.04	37.14	37.47	37.54	37.55
Mean [a]	37.24	37.27	37.38	37.35	37.36	36.93	36.44	36.81	37.01	37.04	36.67	36.98	37.49	37.49	37.30
Mean [b]	37.32	37.38	37.03	37.32	37.01	36.44	36.38	36.52	36.75	37.18	37.21	37.15	37.54	37.71	37.86

DECEMBER, 1916. 0° East plus tabular quantities.

	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′
1 [b]	36.67	36.67	36.67	36.96	36.82	37.25	37.39	37.39	37.53	37.53	37.82	37.39	37.39	37.53	37.68
2 [b]	36.26	36.83	35.97	36.11	36.26	36.40	36.83	37.69	38.11	38.40	37.54	37.26	37.11	37.40	37.54
3 [b]	36.41	36.27	37.12	36.12	36.84	37.12	36.55	37.41	37.70	37.55	37.41	37.27	37.27	37.12	36.98
4	36.69	36.84	36.98	37.12	36.98	36.27	35.98	36.69	37.55	38.84	38.55	37.98	38.41	38.27	38.55
5	36.99	37.13	36.99	36.99	36.85	36.56	36.13	36.28	36.70	37.28	37.56	37.85	38.42	38.56	38.42
6 [a]	37.14	37.14	37.14	37.00	36.86	36.14	35.57	35.43	36.29	37.43	37.57	37.72	37.86	38.14	38.00
7	37.30	37.15	37.01	36.72	36.44	36.15	35.87	36.44	37.15	37.73	38.87	39.44	39.16	38.87	37.87
8	37.01	37.01	37.01	36.87	37.15	36.01	35.87	36.01	36.30	37.44	38.44	38.15	38.73	38.44	37.87
9	37.45	37.31	37.16	37.02	36.73	36.31	35.59	35.73	36.31	37.02	37.88	38.16	38.59	38.45	38.02
10 [a]	36.74	37.03	37.03	36.89	36.74	36.46	36.03	36.32	36.74	37.60	37.32	37.17	37.75	37.89	38.03
11	36.90	37.04	37.04	36.90	36.61	36.47	36.33	37.18	38.04	38.18	37.90	37.90	37.76	37.90	38.18
12	37.04	37.04	36.90	36.90	36.90	36.61	36.18	36.04	36.47	36.90	36.61	36.04	35.75	36.75	36.90
13	37.05	37.19	37.34	37.34	37.48	37.05	36.62	36.34	36.76	36.62	36.05	35.91	36.48	36.76	37.48
14	36.77	36.92	36.92	36.77	36.92	36.49	36.06	36.92	37.20	36.49	35.49	35.77	37.06	37.63	38.49
15 [b]	36.78	36.93	37.07	37.21	37.07	37.36	35.93	36.07	36.07	36.50	36.36	37.21	37.07	37.36	37.79
16	37.07	37.21	37.36	36.78	37.21	37.36	37.21	37.50	37.50	37.21	36.36	36.07	36.64	37.07	37.21
17	37.22	37.08	37.08	37.22	37.37	37.51	37.51	38.08	38.22	37.22	36.65	36.37	36.38	36.09	36.80
18	37.10	36.96	37.10	36.96	37.39	37.24	36.96	37.29	37.24	36.24	35.38	36.10	36.24	36.67	37.67
19	36.97	36.97	36.97	36.97	36.97	37.11	37.25	37.54	38.11	36.97	36.11	35.68	35.39	36.11	36.97
20	36.98	36.98	37.12	37.12	37.12	37.12	36.83	36.98	37.12	36.69	36.55	36.41	36.84	36.70	36.99
21 [a]	37.14	37.14	37.14	37.28	37.28	37.00	36.14	36.57	37.14	36.57	36.28	36.00	36.43	37.00	37.43
22 [a]	37.15	37.15	37.15	37.01	36.86	36.44	36.15	37.29	37.44	37.58	37.29	36.44	37.01	37.29	37.58
23 [a]	37.02	37.16	37.02	36.73	36.45	36.02	35.87	36.87	38.16	38.59	37.45	36.59	37.17	38.46	38.17
24	37.04	36.89	36.75	36.75	36.61	36.32	36.04	37.18	38.18	39.04	38.04	36.75	37.04	37.47	37.90
25	37.05	36.90	36.90	36.76	36.48	36.19	35.62	36.76	37.48	38.76	38.62	37.76	37.48	37.33	37.62
26	37.20	37.34	36.91	36.77	36.49	35.77	35.06	35.34	36.63	38.20	38.34	37.63	37.78	38.07	38.50
27 [b]	37.22	37.22	37.22	37.56	37.22	36.93	35.93	35.79	36.22	36.51	36.36	35.93	37.08	37.79	38.65
28	37.66	37.37	37.23	37.09	36.94	36.80	36.23	36.09	36.37	36.80	37.23	37.37	37.66	38.23	38.66
29	37.24	37.24	37.24	37.10	36.53	36.38	36.81	36.95	37.67	36.95	36.24	36.95	37.68	38.54	39.11
30	37.12	37.12	37.26	37.26	37.26	37.12	36.97	36.83	36.55	36.12	35.26	35.54	36.26	37.26	37.98
31	37.13	37.13	37.13	37.13	36.98	36.98	36.84	37.13	37.70	36.84	35.27	34.55	35.84	37.13	38.41
Mean	37.02	37.04	37.03	36.94	36.90	36.68	36.33	36.72	37.18	37.35	37.06	36.88	37.22	37.56	37.85
Mean [a]	37.04	37.12	37.10	36.98	36.84	36.41	35.95	36.50	37.15	37.55	37.18	36.78	37.24	37.76	37.84
Mean [b]	36.67	36.78	36.81	36.75	36.84	37.01	36.53	36.87	37.13	37.30	37.10	37.01	37.18	37.44	37.73

[a] Five international quiet days. [b] Five international disturbed days.

HOURLY VALUES OF DECLINATION.

NOVEMBER, 1916. 0° East plus tabular quantities.

16h	17h	18h	19h	20h	21h	22h	23h	24h	Mean.	Maximum.		Minimum.		Range.	Day.
′	′	′	′	′	′	′	′	′	′	h. m.	′	h. m.	′	′	
38.18	37.75	37.75	37.61	37.47	37.47	37.32	37.32	37.47	37.56	8 00	38.62	11 55	36.12	2.50	1
37.59	37.73	37.59	37.59	37.59	37.59	37.45	37.45	37.30	37.20	17 00	37.73	11 00	36.03	1.70	2
37.57	37.42	37.42	37.42	36.42	36.84	36.27	37.27	37.56	37.30	5 50	37.86	21 30	36.20	1.66	3
37.54	37.68	37.25	37.54	36.82	37.25	37.40	37.40	37.54	37.14	17 00	37.68	7 20	35.76	1.92	4
39.38	37.52	37.52	37.66	37.81	37.66	37.38	37.38	36.95	37.39	16 00	39.38	5 48	35.82	3.56	5
37.64	37.93	37.50	37.50	37.50	37.07	37.07	37.36	36.36	37.43	10 15	38.79	24 00	36.36	2.43	6
37.48	37.33	37.61	37.76	37.61	37.33	37.33	37.18	37.33	37.38	18 36	38.26	0 10	36.28	1.98	7
37.31	37.16	37.02	37.45	37.45	37.31	37.45	37.16	37.16	37.24	13 45	37.53	6 00	36.60	0.93	8
37.43	37.00	37.14	37.43	37.43	37.29	37.14	37.14	37.14	37.14	8 50	37.80	12 10	36.23	1.57	9
37.27	37.12	37.12	37.41	37.27	37.12	37.27	37.12	37.41	37.31	12 24	38.35	6 45	35.92	2.43	10
37.82	37.67	37.38	37.52	37.24	37.09	36.81	37.09	37.24	37.38	11 42	37.96	7 15	36.69	1.27	11
38.93	38.79	37.79	37.36	37.36	36.93	37.36	36.36	36.07	37.43	16 00	38.93	24 00	36.07	2.86	12
37.34	37.48	37.20	37.48	37.34	37.20	37.34	37.20	37.34	36.87	16 55	37.55	7 03	35.71	1.84	13
36.75	37.18	37.32	37.32	37.32	37.32	37.18	37.03	37.03	37.11	4 08	37.54	7 00	36.19	1.35	14
37.01	37.29	37.29	37.15	36.86	37.00	37.00	37.15	37.15	37.12	11 00	37.59	6 45	36.38	1.21	15
37.42	37.28	37.14	37.28	37.28	37.28	37.14	36.99	37.14	37.10	12 45	37.92	6 30	35.71	2.21	16
37.43	37.29	37.29	37.29	37.15	36.86	36.86	37.00	37.00	37.19	14 00	38.29	6 50	36.36	1.93	17
37.30	37.59	37.30	37.16	37.01	36.87	36.87	36.87	37.01	37.09	16 36	37.66	7 15	35.80	1.86	18
37.87	37.30	37.01	37.16	37.01	36.87	36.87	36.87	37.01	37.28	14 10	38.66	6 40	36.09	2.57	19
37.60	37.31	37.31	37.45	37.31	37.17	37.02	37.02	37.17	37.16	13 00	38.17	7 10	35.95	2.22	20
37.32	37.32	37.32	37.18	37.03	36.89	36.89	37.03	37.03	37.11	14 00	38.46	7 00	36.18	2.28	21
37.33	37.47	37.33	37.04	37.19	37.04	36.90	36.90	36.90	37.07	16 45	37.76	12 10	36.26	1.50	22
37.33	37.33	37.19	37.04	37.76	36.47	36.76	36.90	37.04	36.80	16 42	37.40	7 03	35.54	1.86	23
37.20	37.20	37.20	37.20	37.20	37.05	37.05	37.05	37.05	36.90	4 10	37.55	6 55	35.84	1.71	24
37.35	37.49	37.35	37.35	37.35	37.21	37.06	37.06	37.21	37.09	13 00	38.06	7 00	35.92	2.14	25
38.07	38.07	37.36	37.50	37.36	37.22	37.07	37.07	37.07	37.16	13 54	38.57	6 00	35.79	2.78	26
37.07	37.22	37.22	37.22	37.22	37.36	37.22	37.07	37.07	36.74	15 10	37.43	11 18	35.65	1.78	27
37.37	37.51	37.51	37.37	37.37	37.23	36.94	36.80	36.94	36.86	15 20	37.65	8 55	34.73	2.92	28
38.52	38.38	37.81	37.52	37.52	37.38	37.24	37.09	36.52	36.71	15 30	38.59	9 50	34.31	4.28	29
38.68	38.53	37.82	37.68	37.82	37.39	37.39	36.96	36.82	37.35	15 45	38.75	0 30	36.39	2.36	30
37.64	37.54	37.37	37.39	37.27	37.16	37.10	37.08	37.07	37.15	---	38.08	---	35.96	2.12	-------
37.41	37.35	37.38	37.35	37.27	37.18	37.09	37.09	37.15	37.17	---	38.07	---	36.06	2.01	-------
38.11	37.83	37.46	37.46	37.34	37.25	37.29	37.11	36.80	37.23	---	38.44	---	35.93	2.51	-------

DECEMBER, 1916. 0° East plus tabular quantities.

′	′	′	′	′	′	′	′	′	′	h. m.	′	h. m.	′	′	
38.39	38.39	37.53	38.25	37.68	37.53	37.39	36.96	36.10	37.37	16 48	38.46	24 00	36.10	2.36	1
37.69	37.69	37.83	37.69	37.54	37.40	36.40	37.26	36.97	37.17	10 00	38.40	3 10	35.90	2.50	2
37.55	37.84	37.41	37.12	37.41	37.12	37.55	36.98	36.55	37.11	16 54	37.91	1 36	36.05	1.86	3
38.41	37.84	37.55	37.55	37.41	37.27	36.55	36.84	36.41	37.40	10 24	38.91	6 42	35.91	3.00	4
38.28	37.71	37.42	37.42	37.42	36.70	36.85	36.99	36.99	37.27	14 00	38.56	7 00	36.13	2.43	5
37.57	37.72	37.29	37.14	37.14	37.00	37.00	37.14	37.14	37.11	14 45	38.28	6 51	35.36	2.92	6
37.44	37.30	37.15	37.15	37.15	37.15	37.01	37.15	37.15	37.37	12 00	39.44	6 28	35.80	3.64	7
37.44	37.44	37.30	37.44	37.44	37.15	37.30	37.30	37.44	37.27	13 35	38.80	7 00	35.87	2.93	8
37.45	37.31	37.16	37.16	37.02	37.02	37.02	37.02	36.88	37.16	13 00	38.59	7 42	35.52	3.07	9
37.89	37.75	37.60	37.32	37.17	37.03	37.03	36.89	36.89	37.14	15 20	38.10	6 40	35.96	2.14	10
38.33	37.90	37.04	37.33	37.04	36.90	36.90	36.90	36.90	37.32	15 40	38.47	6 20	36.26	2.21	11
37.04	37.04	36.47	36.75	37.18	37.18	37.04	37.04	37.04	36.74	20 36	37.32	12 45	35.68	1.64	12
37.48	37.62	37.34	37.34	37.48	37.19	37.05	37.05	36.91	37.00	17 00	37.62	12 00	35.91	1.71	13
38.63	38.20	37.20	37.49	37.35	37.20	37.06	37.06	36.92	37.04	16 00	38.63	11 00	35.49	3.14	14
37.64	37.79	37.79	37.50	37.79	37.64	37.21	37.21	36.36	37.07	14 40	37.93	7 10	35.86	2.07	15
37.50	37.50	37.50	37.64	37.50	37.50	37.36	37.07	37.07	37.18	19 20	37.78	12 00	36.07	1.71	16
37.38	37.23	37.38	37.38	37.09	36.95	36.95	36.95	36.95	37.13	9 00	38.22	14 00	36.09	2.13	17
37.96	37.67	37.24	37.10	37.10	36.96	36.96	36.96	36.96	36.99	16 18	38.03	10 40	35.24	2.79	18
37.68	37.25	37.11	37.25	37.54	37.25	37.11	37.11	36.97	36.97	8 42	38.25	13 00	35.39	2.86	19
37.27	37.27	37.42	37.42	37.27	37.27	37.27	37.13	37.13	37.04	18 36	37.49	11 33	36.34	1.15	20
37.71	37.57	37.43	37.43	37.43	37.43	37.28	37.28	37.28	37.06	16 45	37.85	12 00	36.00	1.85	21
37.44	37.29	37.15	37.29	37.29	37.29	37.15	37.15	37.15	37.13	15 36	37.65	6 24	36.08	1.57	22
38.03	37.89	37.46	37.60	37.46	37.31	37.31	37.17	37.03	37.29	9 40	38.66	6 30	35.80	2.86	23
37.61	37.32	37.47	37.47	37.47	37.32	37.18	37.18	37.04	37.25	10 00	39.04	6 42	35.97	3.07	24
37.62	37.48	37.33	37.48	37.62	37.48	37.33	37.33	37.19	37.27	10 00	38.76	6 48	35.48	2.28	25
38.64	37.93	37.64	37.50	37.50	37.50	37.35	37.35	37.21	37.28	15 38	38.71	7 20	35.00	3.71	26
39.08	37.94	37.79	37.94	37.94	37.65	37.22	37.36	37.65	37.25	15 45	39.22	7 18	35.65	3.57	27
38.37	37.66	37.52	37.95	37.80	37.66	37.23	37.23	37.37	37.36	15 00	38.66	7 30	36.02	2.64	28
39.40	37.97	37.39	37.54	37.25	37.25	37.11	37.11	37.11	37.36	15 18	39.54	11 00	36.24	3.30	29
38.69	38.83	39.12	38.26	38.12	37.40	37.26	37.12	37.12	37.24	18 00	39.12	11 21	35.19	3.93	30
39.13	38.84	38.27	37.99	38.41	37.56	37.41	37.13	37.13	37.25	16 00	39.13	12 00	34.55	4.58	31
37.96	37.72	37.46	37.48	37.45	37.27	37.12	37.11	37.00	37.18	---	38.44	---	35.77	2.67	-------
37.73	37.64	37.39	37.36	37.30	37.21	37.15	37.13	37.10	37.15	---	38.11	---	35.84	2.27	-------
38.07	37.93	37.67	37.70	37.67	37.47	37.15	37.15	36.73	37.19	---	38.38	---	35.91	2.47	-------

HOURLY VALUES OF HORIZONTAL INTENSITY.

JANUARY, 1916. 30000 γ plus tabular quantities.

Day.	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	8078	8079	8079	8075	8075	8074	8077	8086	8095	8107	8102	8096	8091	8085	8080
2 [a]	8082	8083	8082	8082	8083	8085	8091	8096	8110	8106	8106	8105	8096	8092	8086
3	8071	8077	8076	8076	8080	8087	8096	8113	8124	8132	8121	8107	8099	8084	8080
4	8074	8080	8083	8082	8083	8082	8088	8099	8114	8109	8112	8116	8113	8119	8116
5	8071	8074	8073	8072	8073	8077	8082	8085	8093	8106	8108	8092	8074	8058	8053
6	8031	8044	8044	8043	8045	8051	8061	8073	8088	8106	8107	8097	8093	8097	8093
7	8073	8078	8080	8085	8088	8083	8085	8105	8117	8130	8128	8111	8100	8093	8084
8 [a]	8084	8086	8085	8084	8085	8085	8091	8103	8125	8143	8144	8131	8107	8096	8095
9	8092	8096	8096	8096	8095	8096	8102	8118	8133	8148	8154	8151	8139	8134	8127
10 [b]	8086	8092	8093	8097	8099	8103	8116	8126	8144	8158	8168	8162	8154	8139	8121
11 [b]	8117	8095	8084	8091	8101	8077	8078	8095	8111	8130	8134	8133	8162	8140	8118
12 [b]	8099	8065	8108	8052	8119	8099	8038	8092	8055	8127	8106	8112	8098	8085	8056
13										8134	8137	8134	8114	8097	8088
14	8078	8079	8083	8086	8087	8085	8083	8090	8100	8104	8107	8106	8102	8095	8091
15 [a]	8091	8093	8096	8097	8097	8099	8105	8110	8116	8131	8133	8127	8119	8115	8107
16	8103	8103	8104	8099	8102	8100	8103	8104	8115	8123	8120	8129	8123	8117	8108
17 [a]	8098	8105	8100	8099	8105	8105	8105	8110	8115	8122	8124	8122	8118	8116	8111
18	8107	8107	8107	8109	8107	8107	8112	8112	8119	8119	8127	8119	8117	8115	8118
19 [a]	8106	8104	8110	8112	8115	8115	8117	8126	8139	8151	8147	8141	8132	8130	8122
20 [b]	8114	8117	8116	8120	8122	8125	8123	8128	8137	8154	8169	8179	8154	8151	8137
21	8085	8090	8094	8093	8093	8096	8109	8119	8128	8136	8137	8122	8119	8108	8107
22	8101	8102	8102	8111	8115	8115	8125	8136	8145	8157	8151	8145	8133	8121	8122
23 [b]	8093	8097	8097	8102	8107	8112	8116	8119	8124	8131	8146	8101	8101	8086	8078
24	8089	8100	8102	8101	8091	8091	8093	8101	8119	8141	8155	8153	8147	8131	8112
25	8097	8097	8101	8102	8102	8105	8113	8128	8147	8169	8171	8159	8152	8129	8113
26	8090	8114	8096	8091	8093	8094	8096	8111	8130	8142	8153	8152	8135	8127	8117
27	8101	8102	8108	8111	8107	8107	8108	8119	8137	8162	8173	8166	8154	8144	8116
28	8103	8107	8103	8105	8104	8111	8116	8124	8140	8152	8163	8158	8152	8145	8130
29	8111	8109	8109	8106	8115	8115	8128	8136	8162	8161	8173	8169	8153	8139	8129
30	8099	8115	8114	8112	8111	8115	8114	8117	8128	8138	8145	8148	8142	8127	8117
31	8114	8110	8115	8113	8114	8114	8121	8133	8151	8163	8174	8163	8151	8140	8128
Mean	8091	8093	8095	8093	8097	8097	8100	8110	8122	8135	8139	8132	8124	8115	8105
Mean [a]	8092	8094	8095	8095	8097	8098	8102	8109	8121	8131	8131	8125	8114	8110	8104
Mean [b]	8102	8093	8100	8092	8110	8103	8094	8112	8114	8140	8145	8137	8134	8120	8102

FEBRUARY, 1916. 30000 γ plus tabular quantities.

	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1 [a]	8114	8114	8115	8113	8111	8111	8111	8116	8128	8143	8155	8159	8153	8143	8132
2	8114	8117	8115	8117	8117	8118	8121	8126	8139	8153	8161	8150	8141	8137	8136
3	8113	8111	8109	8108	8112	8117	8123	8136	8148	8159	8165	8157	8147	8138	8130
4	8117	8117	8117	8121	8118	8119	8129	8148	8164	8187	8192	8192	8182	8174	8158
5	8097	8097	8095	8100	8104	8110	8120	8136	8162	8189	8203	8193	8178	8176	8152
6 [a]	8104	8099	8094	8104	8095	8097	8101	8112	8127	8141	8157	8151	8138	8130	8124
7	8102	8103	8105	8108	8106	8108	8114	8126	8139	8162	8180	8184	8165	8150	8144
8 [b]	8104	8108	8111	8115	8115	8122	8139	8145	8162	8173	8165	8186	8178	8166	8150
9	8112	8092	8085	8091	8093	8091	8101	8112	8130	8144	8161	8159	8144	8126	8116
10	8108	8109	8098	8108	8111	8114	8115	8119	8132	8149	8160	8166	8160	8142	8127
11	8104	8104	8103	8109	8113	8113	8118	8114	8124	8137	8150	8153	8144	8138	8129
12 [b]	8112	8112	8112	8110	8107	8108	8118	8126	8142	8155	8168	8169	8152	8135	8126
13	8106	8112	8110	8105	8119	8110	8112	8124	8141	8153	8158	8157	8152	8140	8131
14	8106	8110	8110	8113	8112	8112	8119	8130	8142	8154	8149	8152	8139	8130	8124
15	8113	8109	8109	8107	8107	8109	8116	8122	8135	8147	8148	8148	8131	8129	8116
16 [a]	8107	8105	8109	8107	8113	8116	8116	8123	8128	8138	8144	8146	8141	8128	8125
17 [b]	8114	8112	8112	8114	8115	8116	8124	8130	8143	8155	8162	8160	8151	8144	8149
18 [b]	8117	8107	8102	8108	8111	8117	8117	8120	8123	8114	8134	8127	8123	8115	8115
19	8106	8097	8095	8113	8106	8106	8101	8109	8122	8136	8149	8156	8141	8120	8102
20	8089	8097	8095	8098	8097	8103	8109	8128	8137	8155	8166	8163	8157	8140	8125
21 [a]	8110	8107	8100	8113	8110	8112	8112	8120	8139	8151	8165	8166	8159	8145	8130
22	8103	8105	8106	8105	8110	8113	8123	8128	8169	8168	8188	8194	8174	8133	8118
23	8107	8095	8101	8103	8100	8105	8107	8113	8123	8143	8156	8163	8156	8134	8122
24	8104	8103	8104	8102	8103	8102	8095	8095	8110	8120	8149	8164	8154	8135	8121
25 [a]	8086	8088	8092	8094	8093	8093	8098	8109	8121	8139	8151	8157	8153	8133	8122
26	8096	8098	8100	8102	8101	8106	8112	8120	8132	8144	8149	8156	8147	8135	8129
27 [b]	8117	8099	8107	8106	8108	8112	8115	8135	8146	8163	8176	8181	8165	8148	8132
28	8105	8092	8087	8096	8100	8100	8106	8117	8124	8139	8152	8153	8147	8129	8104
29	8097	8097	8094	8098	8100	8100	8106	8116	8127	8145	8163	8161	8153	8144	8112
Mean	8106	8104	8103	8106	8107	8109	8114	8123	8137	8150	8161	8163	8153	8139	8128
Mean [a]	8104	8103	8102	8106	8104	8106	8108	8116	8129	8142	8154	8156	8149	8136	8127
Mean [b]	8113	8108	8109	8111	8111	8115	8123	8131	8143	8152	8161	8165	8154	8142	8134

[a] Five international quiet days. [b] Five international disturbed days.

HOURLY VALUES OF HORIZONTAL INTENSITY.

JANUARY, 1916. 30000 γ plus tabular quantities.

16h	17h	18h	19h	20h	21h	22h	23h	24h	Mean.	Maximum.			Minimum.			Range.	Day.
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h.	m.	γ	h.	m.	γ	γ	
8078	8077	8075	8074	8073	8075	8076	8078	8080	8082	10	13	8109	20	00	8073	36	1
8082	8084	8086	8086	8081	8079	8078	8078	8081	8088	9	20	8114	20	13	8077	37	2
8080	8075	8071	8068	8070	8069	8072	8075	8072	8086	9	36	8136	19	00	8068	68	3
8113	8087	8079	8069	8073	8070	8071	8063	8069	8090	14	00	8119	23	00	8063	56	4
8049	8038	8033	8035	8030	8031	8028	8030	8030	8062	11	00	8108	22	00	8028	80	5
8094	8087	8087	8084	8079	8072	8071	8068	8073	8074	10	25	8113	1	00	8031	82	6
8083	8085	8087	8079	8079	8078	8073	8076	8076	8090	10	00	8130	0	17	8071	59	7
8095	8098	8098	8097	8096	8095	8095	8094	8090	8100	11	00	8144	0	02	8079	65	8
8127	8124	8121	8115	8104	8105	8097	8082	8081	8114	11	00	8154	24	00	8081	73	9
8111	8110	8117	8115	8114	8117	8117	8127	8116	8121	11	00	8168	0	02	8082	86	10
8088	8081	8063	8061	8063	8075	8088	8083	8087	8098	12	13	8163	18	50	8059	104	11
8061	8078	8083	8065	8062	8053	8059	8061	8063	8079	9	50	8137	6	55	8035	102	12
8080	8082	8078	8078	8077	8074	8074	8082	8082									13
8096	8095	8094	8089	8090	8090	8087	8087	8087	8091	10	45	8108	1	00	8078	30	14
8104	8104	8104	8104	8101	8097	8099	8101	8099	8106	11	00	8133	1	00	8091	42	15
8100	8105	8100	8093	8086	8085	8087	8093	8097	8104	12	00	8129	21	40	8083	46	16
8110	8108	8108	8105	8106	8104	8105	8102	8110	8109	11	36	8126	0	18	8094	32	17
8119	8121	8119	8112	8110	8109	8105	8106	8110	8113	11	08	8129	22	45	8104	25	18
8119	8122	8123	8122	8118	8115	8113	8112	8112	8122	10	30	8155	2	00	8104	51	19
8132	8135	8127	8131	8126	8105	8075	8058	8072	8125	12	00	8179	23	15	8047	132	20
8111	8105	8107	8108	8107	8105	8107	8105	8099	8108	10	39	8142	0	06	8071	71	21
8121	8115	8104	8108	8101	8074	8062	8103	8092	8115	10	22	8159	21	52	8054	105	22
8081	8091	8092	8093	8090	8074	8081	8085	8084	8099	10	55	8147	21	12	8072	75	23
8093	8083	8092	8101	8104	8092	8097	8097	8098	8108	11	00	8155	17	00	8083	72	24
8097	8080	8090	8090	8073	8066	8066	8092	8085	8109	10	43	8177	21	10	8064	113	25
8107	8110	8112	8106	8106	8102	8091	8101	8112	8112	10	48	8154	0	24	8075	79	26
8099	8094	8100	8102	8102	8100	8101	8100	8102	8117	10	50	8175	16	42	8092	83	27
8116	8115	8118	8122	8122	8120	8115	8112	8111	8124	10	54	8164	0	02	8101	63	28
8121	8116	8111	8111	8106	8099	8095	8092	8099	8124	10	21	8179	23	00	8092	87	29
8110	8111	8116	8119	8119	8116	8112	8115	8112	8120	12	28	8150	1	00	8099	51	30
8111	8111	8109	8110	8111	8113	8111	8110	8116	8125	11	15	8176	18	00	8109	67	31
8100	8098	8097	8095	8093	8089	8087	8089	8090	8104	----		8144	----		8075	69	----
8102	8103	8104	8103	8100	8098	8098	8097	8098	8105	----		8134	----		8089	45	----
8095	8099	8096	8093	8091	8085	8084	8083	8084	8104	----		8159	----		8059	100	----

FEBRUARY, 1916. 30000 γ plus tabular quantities.

γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h.	m.	γ	h.	m.	γ	γ	
8127	8118	8111	8110	8110	8111	8108	8111	8115	8122	11	47	8161	22	00	8108	53	1
8129	8127	8125	8120	8115	8108	8092	8103	8104	8124	11	00	8161	22	12	8090	71	2
8129	8128	8124	8120	8123	8120	8119	8119	8118	8128	11	00	8165	0	02	8104	61	3
8139	8135	8134	8128	8129	8125	8124	8119	8115	8141	11	39	8194	24	00	8115	79	4
8144	8139	8129	8118	8111	8100	8105	8107	8098	8132	11	00	8203	21	08	8094	109	5
8120	8117	8114	8110	8107	8100	8098	8103	8101	8114	11	10	8159	3	00	8094	65	6
8129	8122	8120	8116	8113	8106	8104	8106	8105	8126	11	37	8187	1	00	8102	85	7
8142	8139	8138	8128	8097	8081	8081	8087	8096	8130	12	00	8186	21	20	8079	107	8
8105	8113	8112	8108	8108	8105	8101	8102	8098	8113	11	00	8161	3	00	8085	76	9
8118	8117	8117	8102	8100	8101	8106	8103	8103	8120	12	10	8169	3	08	8096	73	10
8118	8114	8113	8107	8108	8108	8106	8109	8108	8118	12	00	8153	3	00	8103	50	11
8124	8122	8114	8108	8099	8090	8094	8113	8108	8122	11	10	8173	21	21	8087	86	12
8120	8113	8113	8107	8108	8106	8103	8101	8106	8121	10	15	8166	23	00	8101	65	13
8113	8108	8113	8113	8110	8106	8101	8113	8106	8120	9	43	8158	22	19	8098	60	14
8116	8117	8115	8115	8116	8109	8107	8111	8107	8119	11	38	8150	20	20	8106	44	15
8121	8123	8122	8119	8116	8112	8111	8110	8111	8120	11	33	8151	1	48	8103	48	16
8139	8141	8130	8124	8116	8116	8123	8114	8111	8130	11	00	8162	23	35	8106	56	17
8105	8084	8085	8086	8090	8092	8082	8110	8094	8107	11	20	8141	18	25	8078	63	18
8097	8102	8102	8101	8091	8086	8083	8085	8099	8109	11	32	8158	22	00	8083	75	19
8114	8109	8107	8103	8098	8106	8101	8101	8098	8116	11	00	8166	1	00	8089	77	20
8118	8116	8113	8113	8111	8111	8102	8090	8100	8121	11	42	8167	23	10	8088	79	21
8109	8103	8090	8089	8089	8094	8098	8095	8092	8121	12	11	8199	20	08	8088	111	22
8113	8111	8113	8109	8106	8107	8101	8103	8110	8117	11	44	8165	0	05	8092	73	23
8110	8103	8100	8098	8095	8091	8088	8087	8088	8109	12	00	8164	23	00	8087	77	24
8114	8114	8114	8113	8111	8113	8107	8103	8099	8113	12	00	8157	1	00	8086	71	25
8125	8122	8121	8121	8119	8112	8108	8113	8097	8119	12	15	8158	1	00	8096	62	26
8122	8113	8111	8112	8117	8109	8111	8114	8109	8126	12	00	8181	0	18	8092	89	27
8096	8101	8104	8096	8095	8094	8089	8085	8096	8109	12	00	8153	2	28	8083	70	28
8105	8109	8105	8103	8095	8099	8093	8093	8095	8113	11	00	8163	21	50	8092	71	29
8119	8117	8114	8110	8107	8104	8102	8104	8103	8120	----		8167	----		8094	73	----
8120	8118	8115	8113	8111	8109	8105	8103	8105	8118	----		8159	----		8096	63	----
8126	8120	8116	8112	8104	8098	8098	8108	8104	8123	----		8168	----		8088	80	----

HOURLY VALUES OF HORIZONTAL INTENSITY.

MARCH, 1916. 30000 γ plus tabular quantities.

Day.	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1 [a]	8101	8099	8097	8094	8097	8100	8100	8109	8118	8135	8151	8161	8145	8134	8121
2	8108	8106	8106	8106	8109	8109	8105	8111	8123	8145	8163	8164	8157	8151	8143
3	8112	8115	8122	8131	8127	8104	8123	8127	8140	8141	8161	8155	8141	8134	8118
4	8085	8093	8097	8092	8091	8095	8086	8086	8097	8108	8099	8116	8120	8109	8101
5	8085	8086	8086	8086	8084	8086	8091	8109	8129	8150	8152	8150	8141	8125	8115
6	8071	8072	8075	8073	8074	8084	8085	8091	8116	8135	8144	8147	8144	8130	8119
7	8082	8089	8083	8070	8088	8082	8072	8076	8080	8089	8100	8090	8086	8073	8072
8 [b]	8074	8072	8071	8070	8071	8078	8089	8105	8142	8172	8182	8183	8176	8177	8151
9 [b]	7978	7980	7989	8000	8033	8038	8048	8062	8075	8082	8062	8041	8036	7985	8004
10 [b]	8080	8035	8064	8042	8052	8047	8055	8058	8084	8053	8070	8099	8091	8117	8077
11	8037	8058	8040	8045	8049	8052	8057	8063	8092	8104	8123	8144	8145	8138	8121
12	8073	8075	8071	8070	8075	8081	8079	8086	8097	8104	8114	8131	8126	8114	8097
13 [a]	8079	8081	8077	8074	8070	8074	8077	8080	8092	8110	8123	8131	8125	8120	8106
14	8073	8075	8076	8076	8081	8081	8084	8087	8107	8130	8151	8148	8147	8134	8114
15 [a]	8081	8081	8080	8075	8075	8074	8067	8074	8091	8110	8125	8126	8124	8114	8101
16	8079	8075	8077	8079	8079	8077	8084	8094	8118	8141	8158	8152	8147	8138	8129
17	8088	8089	8089	8090	8095	8102	8103	8099	8103	8108	8114	8091	8072	8036	8009
18	8057	8062	8065	8048	8061	8057	8049	8045	8065	8073	8094	8078	8071	8066	8064
19	8056	8048	8048	8056	8048	8061	8066	8074	8085	8100	8100	8101	8091	8079	8073
20	8067	8074	8073	8067	8064	8064	8070	8084	8087	8110	8130	8128	8118	8111	8101
21	8059	8080	8077	8068	8077	8072	8077	8097	8100	8118	8116	8103	8085	8093	8097
22	8068	8072	8070	8074	8066	8064	8071	8074	8096	8129	8143	8137	8124	8106	8096
23 [a]	8078	8076	8083	8081	8079	8079	8078	8092	8108	8130	8138	8139	8128	8118	8107
24	8079	8075	8078	8082	8082	8081	8088	8095	8116	8138	8148	8142	8129	8116	8107
25	8025	8059	8033	8071	8058	8054	8043	8050	8075	8089	8098	8105	8118	8108	8100
26	8084	8081	8065	8088	8059	8086	8065	8065	8104	8129	8139	8133	8121	8108	8088
27 [a]	8084	8081	8077	8076	8076	8078	8087	8098	8116	8133	8145	8152	8143	8129	8116
28	8082	8082	8083	8083	8083	8083	8090	8105	8128	8159	8171	8171	8156	8141	8124
29 [b]	8104	8106	8108	8108	8110	8111	8121	8133	8151	8181	8212	8210	8190	8175	8105
30 [b]	8001	8019	8032	8039	8029	8028	8037	8035	8049	8049	8058	8063	8077	8082	8048
31	8072	8060	8053	8057	8059	8059	8072	8087	8104	8120	8124	8124	8122	8110	8072
Mean	8071	8073	8072	8073	8074	8076	8078	8086	8103	8119	8129	8130	8122	8112	8097
Mean [a]	8085	8084	8083	8080	8079	8081	8082	8091	8105	8124	8136	8142	8133	8123	8110
Mean [b]	8047	8042	8053	8052	8059	8060	8070	8079	8100	8107	8117	8119	8114	8107	8077

APRIL, 1916. 30000 γ plus tabular quantities.

	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	8047	8066	8060	8062	8064	8066	8066	8076	8092	8112	8121	8123	8101	8089	8066
2	8075	8064	8071	8072	8072	8066	8077	8088	8099	8132	8143	8137	8120	8118	8114
3	8075	8074	8078	8078	8077	8078	8085	8098	8120	8144	8163	8158	8138	8124	8117
4 [a]	8086	8085	8085	8085	8089	8089	8088	8097	8124	8166	8178	8178	8160	8145	8124
5 [a]	8091	8091	8091	8089	8088	8088	8101	8120	8149	8178	8196	8191	8178	8155	8130
6	8108	8106	8106	8111	8111	8111	8116	8129	8145	8169	8189	8180	8172	8135	8124
7	8094	8095	8094	8093	8093	8096	8109	8122	8147	8173	8176	8174	8167	8150	8125
8	8100	8107	8100	8099	8096	8095	8121	8139	8135	8171	8154	8156	8156	8168	8138
9	8069	8069	8075	8077	8078	8081	8081	8095	8115	8140	8147	8152	8147	8134	8117
10 [a]	8088	8088	8088	8090	8089	8092	8100	8113	8135	8159	8170	8168	8158	8144	8130
11	8090	8090	8093	8093	8093	8092	8099	8111	8135	8157	8164	8161	8153	8145	8131
12	8093	8093	8093	8089	8088	8084	8090	8107	8128	8154	8165	8171	8150	8141	8128
13 [a]	8088	8091	8090	8089	8095	8097	8099	8105	8125	8151	8159	8155	8148	8139	8122
14	8101	8101	8102	8102	8099	8105	8107	8120	8140	8177	8187	8185	8175	8157	8141
15	8117	8103	8109	8101	8087	8084	8087	8089	8110	8125	8135	8142	8131	8131	8122
16	8086	8092	8088	8077	8073	8074	8077	8083	8097	8109	8112	8103	8104	8097	8106
17	8083	8092	8091	8086	8084	8086	8097	8113	8135	8147	8150	8146	8138	8127	8120
18	8092	8091	8090	8089	8091	8089	8100	8105	8113	8128	8139	8134	8111	8092	8075
19	8043	8045	8047	8046	8048	8046	8060	8075	8094	8122	8138	8126	8111	8099	8093
20	8063	8061	8061	8065	8064	8066	8081	8104	8133	8161	8164	8162	8149	8134	8117
21	8065	8075	8069	8084	8075	8077	8082	8097	8126	8147	8155	8145	8133	8123	8115
22	8069	8071	8072	8070	8071	8079	8092	8105	8130	8163	8150	8140	8121	8113	8108
23	8071	8073	8072	8076	8079	8082	8095	8110	8128	8147	8153	8153	8140	8121	8093
24 [a]	8064	8066	8071	8071	8076	8079	8085	8095	8110	8125	8133	8133	8128	8114	8111
25 [b]	8076	8077	8079	8082	8082	8095	8108	8124	8140	8157	8175	8183	8166	8138	8128
26 [b]	8026	7988	7988	8001	7998	7997	7996	8007	8027	8053	8060	8047	8039	8033	8033
27 [b]	8030	8032	8037	8037	8042	8051	8060	8062	8082	8094	8099	8101	8096	8106	8073
28 [b]	8042	8039	8034	8036	8036	8044	8047	8060	8082	8091	8093	8053	8043	8021	8009
29 [b]	8035	8038	8040	8074	8058	8056	8060	8056	8040	8043	8068	8035	8052	8004	7993
30	8026	8023	8034	8031	8035	8039	8048	8063	8090	8108	8119	8144	8133	8119	8104
Mean	8073	8073	8074	8075	8074	8076	8084	8096	8114	8137	8145	8141	8131	8117	8104
Mean [a]	8083	8084	8085	8085	8087	8089	8095	8106	8129	8156	8167	8165	8154	8139	8123
Mean [b]	8042	8035	8036	8046	8043	8049	8054	8062	8074	8088	8099	8084	8079	8060	8047

[a] Five international quiet days. [b] Five international disturbed days.

HOURLY VALUES OF HORIZONTAL INTENSITY.

MARCH, 1916. 30000 γ plus tabular quantities.

16 h	17 h	18 h	19 h	20 h	21 h	22 h	23 h	24 h	Mean.	Maximum.			Minimum.			Range.	Day.
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h.	m.	γ	h.	m.	γ	γ	
8113	8106	8106	8105	8103	8104	8104	8111	8111	8114	12	00	8161	4	00	8094	67	1
8134	8128	8120	8114	8114	8112	8112	8112	8110	8123	11	35	8166	7	00	8105	61	2
8109	8102	8097	8092	8077	8058	8080	8094	8075	8114	11	04	8164	21	20	8055	109	3
8095	8093	8096	8093	8093	8095	8092	8090	8088	8096	13	00	8120	0	02	8075	45	4
8107	8098	8081	8073	8069	8066	8071	8073	8079	8100	11	00	8152	21	00	8066	86	5
8109	8109	8104	8104	8100	8081	8094	8091	8098	8102	11	25	8150	1	00	8071	79	6
8070	8068	8066	8055	8062	8062	8062	8057	8066	8075	11	00	8100	19	00	8055	45	7
8138	8169	8180	8125	8105	8063	7930	7871	7922	8096	12	40	8195	23	20	7861	334	8
7994	8004	7997	7997	8030	8008	8026	8032	8026	8022	9	09	8087	0	02	7922	165	9
8070	8057	8053	8047	8036	8043	8042	8065	8031	8061	14	00	8117	9	30	8018	99	10
8107	8111	8089	8092	8080	8078	8075	8076	8077	8086	11	47	8146	0	38	8025	121	11
8088	8088	8086	8082	8081	8087	8102	8079	8079	8090	12	00	8131	2	54	8066	65	12
8097	8091	8088	8086	8083	8079	8080	8074	8074	8090	11	21	8133	5	00	8070	63	13
8098	8095	8092	8090	8087	8087	8087	8086	8085	8099	11	27	8155	1	00	8073	82	14
8089	8079	8081	8080	8081	8080	8083	8081	8084	8089	11	10	8127	7	00	8067	60	15
8117	8108	8103	8102	8101	8097	8094	8092	8090	8105	11	00	8158	2	18	8074	84	16
8003	8031	8045	8045	8030	8039	8044	8049	8047	8068	11	00	8114	15	24	7996	118	17
8055	8055	8051	8051	8051	8056	8071	8060	8054	8061	11	06	8097	0	42	8026	71	18
8077	8082	8080	8072	8067	8067	8070	8070	8068	8072	11	54	8103	1	45	8047	56	19
8090	8087	8068	8060	8073	8071	8076	8072	8062	8084	11	50	8142	19	07	8058	84	20
8080	8077	8076	8072	8071	8070	8084	8072	8070	8083	10	00	8118	1	00	8059	59	21
8085	8083	8083	8076	8076	8077	8077	8077	8074	8087	11	00	8143	6	15	8062	81	22
8099	8095	8098	8095	8089	8078	8076	8076	8073	8096	11	10	8140	24	00	8073	67	23
8112	8104	8093	8083	8082	8072	8066	8078	8056	8096	11	00	8148	24	00	8056	92	24
8093	8098	8096	8089	8090	8082	8081	8078	8078	8078	13	09	8120	0	52	8018	102	25
8089	8089	8089	8083	8061	8064	8069	8072	8071	8088	11	00	8139	5	31	8050	89	26
8104	8098	8089	8084	8084	8078	8078	8079	8079	8098	12	00	8152	0	05	8072	80	27
8115	8110	8108	8101	8099	8095	8105	8105	8104	8112	11	15	8172	0	10	8080	92	28
8108	8106	8098	8076	8030	7990	7978	8020	7993	8105	11	20	8215	22	00	7978	237	29
8014	8013	8007	8009	8008	8046	8035	8036	8046	8036	13	33	8090	0	13	7981	109	30
8036	8029	8058	8045	8030	8013	8007	8029	8036	8066	11	27	8136	22	00	8007	129	31
8087	8086	8083	8077	8072	8068	8066	8066	8065	8087	----------		8138	----------		8040	98	--------
8100	8094	8092	8090	8088	8084	8084	8084	8084	8097	----------		8142	----------		8075	67	--------
8065	8070	8067	8051	8042	8030	8002	8005	8004	8064	----------		8141	----------		7952	189	--------

APRIL, 1916. 30000 γ plus tabular quantities.

γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h.	m.	γ	h.	m.	γ	γ	
8068	8069	8071	8064	8046	8039	8068	8062	8062	8073	11	35	8131	21	06	8035	96	1
8106	8100	8097	8093	8087	8083	8082	8080	8077	8094	11	00	8143	0	20	8060	83	2
8107	8101	8099	8093	8091	8088	8087	8085	8082	8102	11	00	8163	2	00	8074	89	3
8115	8110	8104	8100	8093	8098	8095	8092	8092	6112	11	26	8180	2	25	8084	96	4
8118	8112	8108	8103	8099	8103	8104	8108	8110	8121	11	00	8196	5	30	8087	109	5
8123	8116	8108	8098	8095	8091	8095	8085	8097	8122	11	24	8195	23	00	8085	110	6
8122	8111	8111	8104	8105	8106	8111	8107	8109	8121	10	27	8183	4	35	8092	91	7
8116	8107	8106	8104	8086	8047	8058	8058	8072	8112	9	57	8172	21	04	8043	129	8
8105	8098	8092	8087	8087	8084	8090	8092	8090	8100	12	35	8156	0	50	8066	90	9
8118	8111	8101	8098	8094	8094	8092	8089	8089	8112	10	30	8174	0	33	8087	87	10
8119	8111	8108	8102	8101	8094	8092	8092	8090	8113	11	32	8167	0	02	8089	78	11
8118	8113	8107	8099	8096	8094	8084	8092	8090	8111	11	40	8172	5	55	8083	89	12
8112	8111	8111	8109	8105	8100	8095	8101	8097	8112	11	00	8159	1	00	8088	71	13
8131	8124	8117	8122	8118	8118	8118	8112	8114	8128	11	00	8187	0	20	8097	90	14
8106	8103	8077	8055	8065	8071	8070	8073	8076	8099	12	00	8142	19	10	8053	89	15
8101	8095	8081	8081	8081	8084	8091	8086	8083	8090	11	00	8112	5	00	8073	39	16
8120	8114	8106	8096	8100	8097	8095	8092	8096	8109	11	00	8150	1	00	8083	67	17
8042	8034	8030	8007	8013	8037	8025	8027	8036	8075	11	32	8144	19	10	8006	138	18
8091	8087	8086	8080	8068	8070	8068	8068	8065	8078	11	00	8138	0	10	8036	102	19
8116	8100	8092	8088	8072	8070	8074	8074	8080	8098	11	00	8164	1	06	8060	104	20
8100	8087	8083	8082	8082	8082	8077	8074	8071	8096	11	00	8155	1	00	8065	90	21
8083	8081	8081	8075	8072	8071	8071	8071	8070	8093	10	15	8166	1	00	8069	97	22
8069	8060	8066	8065	8070	8062	8065	8062	8062	8091	11	27	8154	21	35	8059	95	23
8102	8095	8087	8078	8078	8079	8078	8075	8073	8092	11	35	8137	1	00	8064	73	24
8114	8094	8076	8072	8080	8083	8068	8037	8005	8102	12	28	8189	24	00	8005	184	25
8030	8031	8030	8033	8020	8030	8031	8042	8034	8024	11	00	8060	2	48	7969	91	26
8068	8051	8028	8020	8021	8021	8040	8026	8030	8054	12	15	8111	20	18	8018	93	27
8020	8017	8019	8043	8026	8042	8025	8026	8030	8041	10	28	8102	15	20	8007	95	28
7981	7977	7963	7942	7946	7985	8018	8005	8016	8020	4	10	8075	19	45	7940	135	29
8083	8068	8049	8048	8041	8043	8039	8038	8037	8065	12	12	8173	0	25	8015	158	30
8093	8086	8080	8075	8071	8072	8074	8071	8071	8092	----------		8152	----------		8053	99	--------
8113	8108	8102	8098	8094	8095	8093	8093	8092	8110	----------		8169	----------		8082	87	--------
8043	8034	8023	8022	8019	8032	8036	8027	8023	8048	----------		8107	----------		7988	119	--------

HOURLY VALUES OF HORIZONTAL INTENSITY.

MAY, 1916. 30000 γ plus tabular quantities.

Day.	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	8035	8048	8045	8045	8048	8050	8056	8066	8097	8120	8129	8130	8120	8108	8092
2	8050	8052	8051	8050	8057	8068	8084	8102	8121	8136	8147	8132	8112	8104	8091
3	8081	8073	8049	8058	8058	8064	8077	8095	8112	8127	8139	8121	8103	8082	8070
4	8045	8046	8045	8046	8049	8057	8072	8078	8107	8132	8138	8135	8133	8120	8093
5	8057	8058	8055	8055	8054	8059	8068	8081	8101	8129	8144	8138	8104	8086	8078
6	8054	8057	8055	8054	8054	8066	8077	8099	8115	8129	8140	8130	8118	8081	8059
7	8040	8046	8042	8040	8041	8048	8053	8060	8081	8104	8106	8105	8101	8092	8082
8	8043	8035	8038	8048	8042	8043	8048	8053	8074	8083	8086	8082	8081	8075	8058
9	8045	8048	8051	8053	8049	8052	8057	8063	8081	8083	8094	8087	8080	8069	8059
10	8055	8059	8057	8065	8064	8074	8081	8089	8104	8121	8130	8128	8123	8112	8094
11	8059	8059	8071	8061	8072	8067	8089	8100	8110	8100	8115	8123	8119	8084	8084
12	8039	8047	8059	8053	8050	8056	8059	8062	8083	8075	8113	8123	8100	8101	8092
13 [a]	8061	8055	8058	8058	8056	8058	8066	8078	8096	8111	8119	8116	8106	8098	8077
14 [a]	8067	8064	8062	8066	8062	8069	8078	8077	8089	8101	8108	8111	8110	8104	8089
15 [a]	8061	8066	8065	8067	8073	8075	8079	8087	8090	8096	8104	8108	8106	8100	8087
16	8066	8069	8062	8058	8059	8070	8069	8073	8093	8105	8110	8106	8101	8102	8089
17	8059	8077	8069	8089	8101	8092	8082	8089	8100	8113	8120	8132	8115	8112	8103
18 [a]	8063	8067	8071	8071	8078	8084	8091	8096	8110	8121	8125	8120	8113	8103	8093
19	8080	8076	8078	8079	8080	8080	8088	8098	8110	8120	8120	8116	8113	8105	8099
20	8076	8071	8070	8071	8079	8088	8097	8101	8108	8116	8130	8130	8122	8121	8109
21 [b]	8084	8085	8084	8081	8079	8080	8113	8115	8114	8124	8125	8130	8121	8124	8111
22 [b]	8056	8053	8048	8047	8045	8049	8064	8062	8062	8083	8069	8085	8065	8064	8035
23 [b]	8063	8064	8051	8051	8051	8058	8064	8058	8063	8071	8080	8071	8056	8059	8045
24	8052	8054	8062	8056	8052	8042	8056	8062	8076	8096	8103	8094	8088	8088	8075
25	8058	8055	8052	8054	8054	8065	8081	8098	8104	8110	8124	8109	8104	8099	8089
26	8057	8059	8064	8060	8059	8061	8073	8087	8101	8111	8118	8115	8111	8104	8081
27 [a]	8059	8071	8064	8059	8061	8066	8078	8094	8104	8123	8121	8124	8116	8110	8089
28	8061	8061	8064	8063	8061	8067	8081	8089	8100	8112	8110	8111	8110	8099	8089
29	8076	8073	8078	8079	8081	8079	8094	8099	8118	8118	8120	8119	8120	8114	8099
30 [b]	8081	8081	8087	8084	8100	8111	8112	8118	8140	8134	8141	8130	8122	8116	8113
31 [b]	8054	8056	8076	8079	8083	8104	8102	8107	8124	8114	8122	8097	8073	8062	8050
Mean	8059	8061	8061	8061	8063	8068	8077	8085	8100	8110	8118	8115	8105	8097	8083
Mean [a]	8062	8065	8064	8064	8066	8070	8078	8086	8098	8110	8115	8116	8110	8103	8087
Mean [b]	8068	8068	8069	8068	8072	8080	8091	8092	8101	8105	8107	8103	8087	8085	8071

JUNE, 1916. 30000 γ plus tabular quantities.

	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	8037	8051	8050	8047	8051	8066	8078	8090	8108	8123	8135	8131	8117	8100	8079
2 [a]	8061	8060	8059	8059	8061	8067	8083	8094	8103	8119	8119	8114	8111	8106	8096
3 [a]	8069	8073	8074	8075	8080	8086	8096	8103	8115	8118	8121	8123	8114	8097	8088
4	8074	8074	8079	8079	8079	8084	8096	8104	8122	8136	8142	8133	8130	8121	8110
5	8077	8081	8077	8081	8079	8085	8098	8109	8122	8127	8132	8123	8114	8107	8098
6	8081	8082	8081	8079	8081	8086	8094	8107	8122	8131	8136	8127	8111	8098	8085
7	8081	8085	8085	8089	8104	8098	8101	8099	8114	8123	8123	8134	8116	8108	8098
8 [b]	8076	8076	8078	8080	8086	8094	8095	8094	8106	8131	8145	8143	8101	8095	8091
9	8063	8061	8071	8066	8067	8073	8073	8086	8094	8098	8107	8113	8118	8109	8099
10 [a]	8072	8071	8072	8070	8068	8070	8079	8089	8111	8131	8149	8146	8137	8131	8120
11	8071	8078	8077	8076	8078	8082	8091	8100	8113	8124	8133	8130	8125	8124	8119
12	8098	8098	8103	8104	8102	8103	8108	8119	8124	8130	8134	8135	8125	8113	8101
13	8071	8085	8085	8092	8091	8102	8113	8120	8132	8136	8137	8135	8100	8094	8088
14	8082	8084	8086	8085	8082	8090	8108	8116	8120	8128	8127	8125	8122	8107	8093
15 [a]	8079	8081	8086	8085	8087	8093	8108	8120	8133	8136	8137	8140	8115	8104	8088
16 [a]	8075	8079	8083	8083	8085	8093	8106	8120	8125	8136	8133	8123	8122	8109	8096
17	8081	8081	8083	8086	8091	8100	8116	8131	8145	8156	8154	8146	8137	8122	8100
18 [b]	8088	8092	8098	8096	8093	8100	8110	8120	8125	8144	8150	8139	8129	8128	8121
19 [b]	8090	8093	8093	8090	8087	8096	8111	8114	8126	8149	8138	8110	8122	8114	8117
20	8099	8087	8081	8081	8077	8079	8091	8103	8121	8128	8132	8133	8117	8110	8077
21	8065	8074	8074	8074	8070	8082	8096	8099	8114	8129	8133	8129	8122	8104	8086
22 [b]	8067	8070	8075	8067	8076	8064	8074	8086	8097	8117	8128	8119	8110	8109	8099
23 [b]	8059	8074	8074	8064	8062	8070	8072	8080	8092	8093	8096	8074	8087	8104	8091
24	8058	8055	8061	8062	8061	8069	8084	8097	8108	8144	8144	8139	8136	8125	8108
25	8068	8069	8072	8070	8078	8081	8092	8102	8112	8136	8160	8165	8165	8159	8122
26	8090	8081	8087	8087	8084	8085	8091	8093	8109	8127	8141	8122	8127	8113	8108
27	8084	8081	8087	8082	8086	8076	8089	8105	8118	8138	8147	8142	8144	8133	8116
28	8076	8075	8076	8075	8073	8081	8097	8113	8128	8141	8133	8126	8116	8119	8102
29	8074	8072	8076	8079	8084	8093	8105	8115	8125	8136	8127	8128	8118	8109	8101
30	8087	8086	8090	8090	8113	8108	8107	8114	8131	8135	8148	8137	8125	8115	8098
Mean	8075	8077	8079	8078	8081	8085	8095	8105	8117	8131	8135	8129	8121	8113	8100
Mean [a]	8071	8073	8075	8074	8076	8082	8094	8105	8117	8128	8132	8129	8120	8109	8098
Mean [b]	8076	8081	8084	8079	8081	8085	8092	8099	8109	8127	8131	8117	8110	8110	8104

[a] Five international quiet days. [b] Five international disturbed days.

HOURLY VALUES OF HORIZONTAL INTENSITY.

MAY, 1916. 30000 γ plus tabular quantities.

16 h	17 h	18 h	19 h	20 h	21 h	22 h	23 h	24 h	Mean.	Maximum.			Minimum.			Range.	Day.
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h.	m.	γ	h.	m.	γ	γ	
8077	8061	8061	8060	8050	8043	8039	8044	8045	8070	11	34	8136	1	00	8035	101	1
8069	8050	8046	8054	8058	8061	8062	8063	8071	8079	11	00	8147	17	50	8044	103	2
8058	8031	8043	8053	8046	8045	8048	8046	8046	8072	11	00	8139	17	08	8029	110	3
8071	8052	8055	8059	8057	8059	8057	8057	8055	8076	11	00	8138	0	50	8044	94	4
8068	8069	8065	8065	8066	8065	8061	8071	8060	8077	11	00	8144	5	00	8054	90	5
8051	8041	8026	8005	8002	8012	8029	8035	8037	8064	11	00	8140	20	47	7978	162	6
8071	8072	8066	8063	8059	8054	8051	8051	8046	8066	11	00	8106	0	05	8038	68	7
8049	8043	8048	8048	8043	8038	8041	8045	8043	8054	11	40	8088	2	00	8035	53	8
8048	8038	8040	8047	8053	8052	8061	8055	8057	8059	11	00	8094	17	00	8038	56	9
8071	8059	8064	8059	8063	8059	8060	8059	8060	8080	11	10	8132	1	00	8055	77	10
8065	8054	8033	8031	8044	8032	8043	8038	8036	8070	12	10	8125	18	27	8024	101	11
8076	8062	8055	8058	8060	8061	8062	8058	8056	8069	12	00	8123	0	05	8037	86	12
8070	8070	8069	8067	8066	8066	8065	8058	8062	8075	11	00	8119	2	00	8055	64	13
8066	8055	8062	8066	8066	8061	8065	8061	8064	8076	12	00	8111	17	00	8055	56	14
8078	8071	8066	8064	8060	8069	8069	8073	8071	8079	11	12	8109	20	30	8059	50	15
8085	8072	8062	8047	8060	8061	8065	8062	8070	8076	11	15	8111	19	00	8047	64	16
8090	8081	8073	8066	8054	8057	8060	8066	8063	8086	11	55	8135	20	10	8051	84	17
8074	8074	8079	8082	8079	8078	8075	8074	8079	8088	11	00	8125	1	00	8063	62	18
8085	8064	8073	8078	8078	8078	8078	8074	8070	8088	10	45	8120	17	12	8062	58	19
8097	8090	8087	8087	8088	8088	8085	8084	8085	8095	11	05	8134	2	50	8069	65	20
8096	8081	8069	8067	8067	8048	8051	8050	8052	8090	11	16	8133	21	16	8042	91	21
8042	8014	8042	8007	8014	8029	8039	8036	8035	8048	11	40	8087	19	24	7996	91	22
8053	8053	8040	8056	8047	8049	8059	8064	8058	8058	11	26	8084	18	00	8040	44	23
8057	8036	8049	8058	8041	8048	8065	8066	8053	8064	11	00	8103	17	00	8036	67	24
8078	8070	8070	8060	8059	8058	8060	8064	8064	8077	10	52	8126	3	00	8052	74	25
8070	8071	8067	8067	8064	8063	8064	8063	8061	8077	10	50	8120	1	00	8057	63	26
8070	8065	8064	8070	8063	8066	8065	8065	8064	8080	12	00	8124	1	20	8058	66	27
8080	8075	8072	8072	8072	8071	8070	8071	8072	8081	10	00	8112	1	05	8060	52	28
8089	8083	8078	8082	8081	8079	8089	8094	8085	8093	9	37	8122	2	00	8073	49	29
8085	8085	8081	8079	8082	8073	8061	8032	8041	8095	11	20	8143	23	00	8032	111	30
8036	8014	8021	8048	8051	8050	8039	8058	8048	8070	9	10	8126	16	48	8013	113	31
8070	8060	8059	8059	8058	8057	8059	8059	8058	8075	---		8121	---		8043	78	---
8072	8067	8068	8070	8067	8068	8068	8066	8068	8080	---		8118	---		8058	60	---
8062	8049	8051	8051	8052	8050	8050	8048	8047	8072	---		8115	---		8025	90	---

JUNE, 1916. 30000 γ plus tabular quantities.

γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h.	m.	γ	h.	m.	γ	γ	
8067	8064	8058	8062	8061	8066	8066	8066	8062	8076	11	00	8135	1	00	8037	98	1
8084	8068	8065	8063	8065	8066	8065	8062	8065	8080	9	58	8120	2	15	8058	62	2
8083	8077	8077	8074	8072	8069	8073	8072	8074	8088	10	48	8126	0	01	8066	60	3
8103	8092	8085	8076	8072	8072	8075	8075	8075	8095	11	00	8142	19	40	8070	72	4
8096	8095	8094	8094	8085	8082	8079	8077	8079	8095	11	10	8134	0	01	8076	58	5
8084	8085	8082	8079	8086	8084	8082	8091	8080	8094	11	15	8138	19	06	8076	62	6
8087	8078	8065	8071	8074	8080	8078	8070	8076	8093	11	54	8138	17	45	8061	77	7
8076	8076	8070	8063	8064	8063	8059	8075	8070	8088	12	06	8148	20	32	8057	91	8
8077	8063	8065	8071	8072	8073	8071	8069	8070	8080	12	40	8124	1	40	8056	68	9
8101	8089	8079	8079	8078	8077	8076	8072	8071	8093	11	03	8151	5	00	8068	83	10
8108	8093	8093	8096	8099	8097	8096	8095	8097	8100	11	00	8133	0	10	8070	63	11
8103	8094	8078	8075	8086	8085	8089	8091	8088	8104	11	28	8137	18	36	8072	65	12
8078	8065	8062	8060	8078	8067	8065	8075	8084	8092	11	25	8138	18	58	8059	79	13
8076	8074	8072	8074	8079	8080	8078	8079	8079	8094	9	30	8130	18	05	8070	60	14
8082	8076	8074	8073	8073	8070	8065	8071	8075	8094	9	30	8145	22	00	8065	80	15
8092	8082	8081	8082	8086	8086	8085	8085	8086	8097	10	00	8156	0	20	8074	62	16
8088	8090	8085	8085	8069	8070	8077	8080	8080	8102	10	24	8158	20	15	8066	92	17
8115	8100	8105	8097	8103	8079	8088	8097	8099	8109	11	00	8150	21	00	8079	71	18
8110	8097	8090	8090	8075	8070	8080	8081	8080	8101	10	00	8149	21	20	8069	80	19
8080	8071	8057	8058	8070	8068	8067	8081	8070	8089	10	36	8135	18	06	8055	80	20
8074	8069	8068	8068	8073	8079	8076	8073	8069	8088	11	18	8134	1	05	8063	71	21
8090	8080	8073	8068	8064	8064	8059	8054	8051	8082	10	58	8130	23	15	8041	89	22
8063	8067	8066	8069	8064	8057	8061	8068	8064	8074	10	30	8114	0	01	8052	62	23
8087	8076	8073	8074	8070	8067	8063	8062	8064	8087	11	15	8148	1	42	8053	95	24
8098	8101	8089	8075	8074	8074	8075	8080	8078	8100	11	58	8166	0	03	8062	104	25
8097	8092	8082	8080	8079	8082	8079	8079	8085	8096	10	48	8147	0	01	8078	69	26
8102	8089	8089	8084	8076	8076	8079	8074	8081	8099	10	57	8149	20	36	8072	77	27
8102	8091	8091	8080	8081	8079	8089	8076	8076	8096	10	20	8143	2	06	8071	72	28
8091	8092	8095	8093	8093	8089	8089	8090	8090	8098	10	00	8136	2	00	8072	64	29
8075	8080	8082	8078	8067	8064	8072	8066	8062	8098	10	30	8157	20	56	8060	97	30
8089	8082	8078	8076	8076	8074	8075	8076	8076	8093	---		8140	---		8064	76	---
8088	8078	8075	8074	8075	8074	8073	8072	8074	8090	---		8135	---		8066	69	---
8091	8084	8081	8077	8074	8067	8069	8075	8073	8091	---		8138	---		8060	78	---

HOURLY VALUES OF HORIZONTAL INTENSITY.

JULY, 1916. 30000 γ plus tabular quantities.

Day.	1 h	2 h	3 h	4 h	5 h	6 h	7 h	8 h	9 h	10 h	11 h	12 h	13 h	14 h	15 h
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1 [b]	8064	8063	8063	8066	8067	8079	8085	8122	8097	8103	8125	8109	8103	8087	8070
2	8051	8048	8052	8042	8050	8058	8073	8094	8118	8111	8118	8125	8117	8096	8081
3	8073	8073	8069	8065	8058	8068	8080	8077	8088	8088	8091	8091	8094	8081	8079
4	8061	8062	8063	8063	8063	8069	8078	8083	8096	8094	8108	8106	8106	8111	8109
5	8067	8055	8061	8071	8067	8073	8074	8084	8104	8107	8120	8101	8107	8108	8101
6	8068	8071	8067	8066	8062	8078	8093	8099	8113	8124	8131	8108	8103	8091	8074
7 [a]	8071	8062	8062	8059	8059	8062	8059	8064	8076	8091	8107	8110	8113	8111	8099
8 [b]	8070	8067	8066	8064	8064	8066	8071	8090	8107	8125	8128	8123	8123	8124	8110
9 [b]	8092	8073	8063	8072	8055	8018	8035	8043	8061	8070	8064	8060	8042	8013	8001
10	8046	8047	8044	8043	8047	8053	8069	8076	8090	8100	8094	8096	8089	8088	8079
11	8065	8065	8065	8063	8078	8070	8081	8086	8088	8078	8066	8070	8065	8077	8073
12	8059	8065	8063	8060	8059	8061	8064	8081	8099	8106	8116	8110	8105	8098	8093
13	8063	8060	8069	8072	8068	8074	8075	8077	8098	8118	8116	8112	8103	8091	8074
14	8072	8072	8075	8070	8069	8076	8085	8083	8093	8106	8114	8100	8105	8105	8099
15 [a]	8070	8072	8074	8072	8072	8080	8089	8101	8111	8122	8129	8129	8123	8115	8103
16	8075	8077	8076	8075	8082	8085	8103	8114	8123	8126	8138	8134	8139	8123	8118
17 [b]	8081	8076	8076	8086	8088	8098	8110	8123	8123	8137	8140	8124	8122	8112	8106
18	8071	8074	8073	8075	8079	8084	8091	8093	8097	8115	8114	8096	8085	8091	8080
19	8074	8070	8081	8077	8067	8075	8100	8108	8125	8133	8140	8140	8131	8115	8091
20	8071	8071	8077	8070	8067	8073	8087	8094	8104	8116	8117	8123	8116	8096	8086
21	8064	8067	8066	8068	8070	8076	8086	8101	8110	8131	8142	8144	8133	8116	8095
22	8076	8084	8079	8078	8076	8081	8097	8107	8119	8132	8138	8139	8132	8115	8103
23 [b]	8085	8085	8086	8102	8107	8110	8097	8116	8129	8149	8156	8156	8138	8137	8108
24	8071	8071	8073	8071	8073	8084	8096	8098	8114	8120	8128	8107	8095	8086	8056
25	8065	8065	8062	8063	8066	8073	8082	8092	8103	8116	8120	8118	8112	8106	8097
26	8071	8074	8074	8072	8072	8083	8096	8094	8112	8115	8126	8115	8112	8102	8091
27 [a]	8065	8070	8068	8073	8071	8078	8081	8084	8095	8110	8114	8118	8119	8107	8095
28 [a]	8081	8082	8079	8078	8079	8087	8094	8104	8117	8129	8135	8128	8119	8111	8101
29 [a]	8076	8073	8070	8072	8072	8079	8081	8083	8095	8106	8119	8131	8125	8116	8106
30	8061	8066	8066	8072	8075	8087	8105	8115	8133	8132	8127	8118	8116	8109	8103
31	8073	8078	8080	8080	8089	8087	8106	8112	8122	8146	8144	8126	8121	8111	8113
Mean	8069	8069	8069	8070	8070	8075	8085	8093	8105	8115	8120	8115	8110	8102	8090
Mean [a]	8073	8072	8071	8071	8071	8077	8081	8087	8099	8112	8121	8123	8120	8112	8101
Mean [b]	8078	8073	8071	8078	8076	8074	8080	8099	8103	8117	8123	8114	8106	8095	8079

AUGUST, 1916. 30000 γ plus tabular quantities.

	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1 [a]	8087	8088	8089	8091	8083	8092	8103	8110	8122	8131	8132	8133	8129	8117	8109
2	8094	8100	8102	8102	8111	8110	8121	8138	8150	8155	8160	8168	8154	8152	8139
3	8042	8047	8045	8040	8042	8048	8056	8064	8069	8081	8082	8070	8080	8085	8080
4	8069	8070	8068	8069	8074	8075	8083	8083	8093	8110	8120	8120	8115	8110	8097
5	8082	8083	8093	8089	8098	8108	8104	8104	8104	8102	8104	8094	8109	8100	8102
6 [b]	8079	8087	8082	8087	8086	8091	8095	8105	8122	8139	8120	8128	8116	8075	8060
7	8054	8072	8066	8061	8067	8066	8076	8078	8084	8083	8070	8095	8103	8101	8082
8	8066	8086	8072	8072	8081	8082	8090	8093	8103	8113	8101	8100	8093	8082	8086
9	8066	8078	8073	8069	8067	8070	8073	8077	8080	8093	8107	8118	8106	8089	8088
10	8086	8080	8081	8078	8077	8076	8087	8087	8107	8119	8115	8113	8113	8099	8088
11	8071	8072	8070	8069	8072	8073	8082	8094	8106	8124	8130	8129	8119	8110	8101
12	8081	8088	8094	8099	8077	8085	8099	8108	8113	8120	8119	8113	8119	8118	8111
13	8089	8090	8095	8093	8089	8105	8110	8119	8129	8133	8129	8124	8111	8112	8107
14	8081	8089	8088	8089	8090	8095	8108	8116	8120	8120	8111	8116	8112	8111	8112
15 [a]	8077	8068	8072	8070	8072	8082	8095	8105	8119	8127	8125	8118	8113	8106	8102
16 [a]	8080	8082	8080	8082	8082	8089	8094	8107	8123	8136	8138	8135	8128	8121	8111
17 [a]	8088	8091	8090	8093	8090	8099	8112	8127	8135	8152	8146	8137	8133	8124	8107
18	8094	8093	8091	8090	8090	8094	8108	8123	8130	8153	8160	8153	8151	8139	8122
19	8096	8099	8100	8097	8096	8104	8114	8129	8149	8153	8153	8146	8137	8141	8141
20	8080	8096	8090	8086	8084	8090	8104	8109	8096	8098	8090	8090	8077	8087	8064
21	8077	8073	8076	8078	8078	8078	8082	8096	8110	8132	8140	8147	8134	8127	8121
22 [b]	8073	8088	8084	8087	8085	8095	8104	8107	8121	8115	8129	8122	8118	8116	8109
23 [b]	8077	8076	8094	8047	8041	8039	8041	8062	8072	8095	8115	8097	8088	8086	8080
24	8065	8063	8057	8056	8058	8092	8077	8072	8080	8072	8080	8080	8081	8075	8069
25 [a]	8053	8056	8057	8059	8058	8069	8083	8098	8112	8117	8110	8110	8108	8103	8093
26 [b]	8079	8078	8075	8076	8078	8088	8097	8109	8111	8116	8116	8105	8105	8104	8101
27 [b]	8085	8082	8093	8134	8125	8074	8080	8067	8018	7959	7946	7900	7918	7923	7966
28	8004	8005	8004	8011	8015	8019	8036	8052	8056	8063	8073	8074	8069	8063	8061
29	8049	8046	8047	8050	8050	8052	8062	8070	8078	8081	8074	8050	8060	8058	8058
30	8064	8056	8055	8054	8058	8051	8052	8070	8077	8089	8103	8086	8074	8084	8073
31	8062	8062	8061	8061	8059	8069	8074	8090	8103	8113	8117	8111	8089	8085	8079
Mean	8073	8076	8076	8075	8075	8079	8087	8096	8103	8109	8110	8106	8102	8097	8091
Mean [a]	8077	8077	8078	8079	8077	8086	8097	8109	8122	8133	8130	8127	8122	8114	8104
Mean [b]	8079	8082	8086	8086	8083	8077	8083	8090	8089	8085	8085	8070	8069	8061	8063

[a] Five international quiet days. [b] Five international disturbed days.

HOURLY VALUES OF HORIZONTAL INTENSITY.

JULY, 1916. 30000 γ plus tabular quantities.

16h	17h	18h	19h	20h	21h	22h	23h	24h	Mean.	Maximum.			Minimum.			Range.	Day.
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h.	m.	γ	h.	m.	γ	γ	
8032	8027	8004	7979	8016	8036	8038	8044	8041	8063	11	00	8125	19	00	7979	146	1
8083	8083	8073	8073	8061	8063	8067	8058	8065	8078	12	00	8125	0	01	8041	84	2
8075	8074	8063	8045	8049	8060	8062	8058	8057	8072	11	10	8093	18	48	8043	50	3
8097	8060	8062	8065	8050	8061	8062	8068	8061	8077	11	00	8108	19	24	8047	61	4
8084	8080	8079	8083	8078	8084	8069	8061	8055	8082	11	00	8120	23	58	8054	66	5
8050	8051	8060	8050	8048	8067	8060	8054	8061	8077	10	45	8134	19	24	8045	89	6
8089	8082	8073	8073	8074	8072	8071	8070	8066	8078	11	36	8115	4	06	8058	57	7
8102	8096	8093	8090	8093	8088	8087	8084	8085	8092	11	00	8128	3	38	8062	66	8
8017	8031	8012	8038	8024	8037	8044	8056	8044	8044	1	15	8095	15	24	7993	102	9
8061	8032	8036	8054	8054	8063	8060	8060	8059	8064	10	20	8105	17	30	8026	79	10
8067	8066	8060	8059	8060	8058	8055	8052	8059	8068	8	54	8092	22	54	8050	42	11
8081	8048	8060	8060	8072	8065	8059	8055	8065	8075	11	00	8116	17	00	8048	68	12
8071	8065	8070	8066	8074	8069	8071	8068	8070	8079	10	20	8121	0	10	8058	63	13
8081	8080	8078	8071	8069	8065	8075	8072	8072	8083	10	48	8119	21	00	8065	54	14
8085	8077	8072	8072	8075	8072	8072	8070	8069	8089	11	30	8131	24	00	8069	62	15
8100	8100	8093	8091	8072	8074	8074	8072	8075	8097	13	00	8139	20	20	8070	69	16
8098	8085	8076	8066	8076	8078	8072	8071	8083	8096	10	24	8148	19	20	8063	85	17
8062	8064	8051	8063	8076	8076	8071	8070	8074	8080	11	06	8118	17	50	8049	69	18
8081	8081	8080	8073	8073	8069	8070	8069	8069	8091	11	36	8150	5	00	8067	83	19
8079	8077	8070	8071	8071	8068	8068	8065	8067	8084	11	55	8125	23	00	8065	60	20
8073	8062	8072	8075	8084	8070	8068	8076	8078	8089	12	00	8144	17	00	8062	82	21
8092	8085	8089	8089	8086	8083	8079	8081	8081	8097	10	45	8140	2	20	8074	66	22
8098	8076	8067	8056	8067	8070	8068	8050	8073	8099	11	40	8158	23	06	8048	110	23
8055	8059	8061	8066	8059	8063	8062	8061	8061	8079	10	18	8134	15	36	8050	84	24
8085	8082	8079	8078	8078	8073	8073	8068	8069	8084	11	20	8124	0	01	8061	63	25
8069	8072	8080	8074	8073	8066	8067	8065	8064	8085	11	25	8128	24	00	8064	64	26
8085	8076	8071	8073	8076	8077	8073	8077	8078	8085	13	00	8119	0	01	8064	55	27
8079	8071	8073	8074	8073	8074	8081	8078	8078	8092	11	00	8135	17	00	8071	64	28
8084	8064	8056	8058	8058	8058	8056	8059	8062	8082	12	00	8131	22	03	8055	76	29
8092	8078	8075	8078	8080	8081	8076	8075	8071	8091	9	00	8133	1	00	8061	72	30
8105	8095	8094	8088	8088	8086	8083	8082	8088	8100	10	10	8150	0	01	8071	79	31
8078	8070	8067	8066	8067	8069	8068	8066	8068	8082	---		8126	---		8053	73	-------
8084	8074	8069	8070	8071	8071	8071	8071	8071	8085	---		8126	---		8063	63	-------
8069	8063	8050	8046	8055	8062	8062	8061	8065	8079	---		8131	---		8029	102	-------

AUGUST, 1916. 30000 γ plus tabular quantities.

γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h.	m.	γ	h.	m.	γ	γ	
8095	8092	8085	8081	8079	8085	8087	8087	8091	8100	12	00	8133	20	00	8079	54	1
8126	8065	7983	8012	8029	8024	8020	8030	8043	8095	11	50	8169	18	10	7981	188	2
8072	8068	8068	8068	8066	8075	8064	8060	8066	8064	10	40	8092	0	10	8038	54	3
8077	8072	8076	8079	8080	8079	8078	8077	8077	8085	12	03	8121	0	01	8066	55	4
8105	8094	8087	8097	8099	8083	8074	8091	8083	8095	13	06	8111	22	38	8070	41	5
8037	8040	8029	8063	8051	8089	8035	8058	8046	8080	9	58	8141	17	55	8028	113	6
8057	8064	8073	8055	8063	8065	8061	8060	8063	8072	12	42	8105	0	01	8046	59	7
8080	8063	8054	8069	8071	8061	8058	8063	8073	8080	10	15	8115	17	40	8050	65	8
8082	8078	8080	8081	8083	8076	8081	8081	8083	8082	12	06	8120	1	00	8066	54	9
8088	8077	8075	8066	8071	8073	8072	8072	8070	8086	10	03	8121	19	15	8064	57	10
8096	8083	8083	8083	8083	8081	8082	8078	8078	8090	11	20	8132	0	06	8066	66	11
8097	8095	8090	8093	8093	8082	8078	8090	8091	8098	10	27	8124	5	00	8077	47	12
8099	8089	8084	8077	8082	8090	8085	8084	8082	8100	9	15	8136	19	15	8075	61	13
8102	8094	8088	8085	8079	8078	8070	8064	8060	8095	10	06	8125	22	20	8052	73	14
8091	8085	8082	8085	8078	8077	8079	8076	8079	8091	10	40	8129	0	01	8061	68	15
8102	8101	8101	8096	8092	8094	8090	8090	8088	8102	10	45	8140	0	01	8079	61	16
8095	8094	8093	8093	8091	8093	8090	8093	8094	8107	10	20	8154	0	01	8087	67	17
8112	8105	8105	8101	8100	8096	8094	8095	8094	8112	11	00	8160	4	45	8088	72	18
8125	8108	8090	8079	8061	8050	8066	8079	8088	8108	10	15	8155	20	55	8047	108	19
8064	8058	8064	8063	8048	8070	8067	8057	8067	8079	9	12	8118	20	00	8048	70	20
8103	8086	8082	8081	8075	8090	8071	8066	8070	8095	11	55	8149	22	26	8063	86	21
8093	8083	8086	8092	8092	8086	8086	8083	8084	8097	11	06	8131	0	01	8070	61	22
8062	8064	8069	8065	8059	8046	8042	8040	8048	8067	11	00	8115	4	55	8035	80	23
8064	8049	8045	8045	8042	8039	8039	8043	8052	8062	6	00	8092	19	40	8036	56	24
8088	8087	8081	8081	8081	8079	8080	8077	8080	8084	9	36	8119	0	01	8052	67	25
8102	8097	8098	8097	8094	8086	8086	8091	8091	8095	10	40	8119	3	00	8075	44	26
7970	7971	7975	7976	7987	7987	7992	7998	7998	8009	3	42	8142	12	30	7890	252	27
8040	8038	8040	8038	8045	8044	8042	8053	8053	8042	12	00	8074	0	01	7998	76	28
8055	8047	8054	8035	8058	8055	8056	8055	8066	8057	9	24	8090	18	50	8033	57	29
8067	8070	8068	8068	8067	8064	8064	8062	8062	8068	11	00	8103	6	10	8048	55	30
8065	8060	8063	8068	8079	8077	8074	8069	8073	8078	10	25	8119	5	15	8056	63	31
8081	8073	8069	8070	8070	8070	8067	8068	8071	8083	---		8124	---		8049	75	-------
8094	8092	8088	8087	8084	8086	8085	8085	8086	8097	---		8135	---		8072	63	-------
8053	8051	8051	8059	8057	8059	8048	8054	8053	8070	---		8130	---		8020	110	-------

HOURLY VALUES OF HORIZONTAL INTENSITY.

SEPTEMBER, 1916. 30000 γ plus tabular quantities.

Day.	1 h	2 h	3 h	4 h	5 h	6 h	7 h	8 h	9 h	10 h	11 h	12 h	13 h	14 h	15 h
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1 [a]	8073	8071	8071	8071	8070	8067	8076	8089	8096	8098	8098	8098	8098	8091	8084
2	8075	8075	8073	8071	8067	8064	8064	8075	8087	8108	8118	8119	8112	8113	8116
3 [b]	8060	8062	8065	8072	8079	8096	8087	8082	8076	8082	8073	8084	8084	8082	8077
4 [b]	8065	8065	8070	8076	8066	8065	8075	8086	8099	8109	8111	8101	8099	8054	8040
5	8072	8077	8078	8087	8070	8052	8066	8067	8054	8078	8066	8064	8058	8060	8057
6	8055	8057	8057	8057	8061	8066	8077	8089	8093	8101	8099	8097	8094	8095	8095
7	8059	8065	8068	8071	8071	8065	8069	8075	8089	8109	8115	8119	8117	8112	8098
8	8080	8056	8053	8059	8063	8070	8081	8094	8100	8103	8102	8088	8087	8089	8070
9	8058	8060	8063	8066	8070	8076	8085	8096	8114	8137	8139	8133	8121	8111	8104
10	8078	8072	8073	8070	8073	8074	8084	8095	8113	8130	8130	8134	8131	8121	8098
11	8093	8114	8096	8098	8101	8108	8098	8104	8119	8130	8132	8124	8107	8104	8099
12 [b]	8063	8070	8070	8070	8078	8078	8090	8093	8082	8115	8118	8082	8095	8080	8057
13	8060	8058	8064	8055	8077	8057	8060	8061	8061	8073	8081	8085	8087	8089	8064
14	8063	8064	8063	8064	8064	8064	8064	8077	8091	8110	8121	8114	8108	8100	8091
15	8067	8064	8068	8074	8075	8075	8075	8084	8100	8114	8117	8113	8118	8109	8107
16	8060	8061	8062	8066	8067	8074	8077	8082	8089	8101	8109	8109	8112	8116	8096
17	8072	8084	8073	8072	8072	8073	8078	8082	8082	8093	8097	8089	8068	8068	8071
18	8056	8068	8061	8059	8060	8059	8062	8072	8077	8100	8111	8103	8095	8083	8066
19 [a]	8055	8058	8064	8065	8065	8065	8071	8077	8095	8113	8113	8111	8110	8104	8095
20 [a]	8068	8070	8070	8074	8075	8076	8084	8087	8107	8128	8133	8129	8118	8109	8101
21 [a]	8076	8075	8077	8077	8079	8081	8091	8104	8119	8137	8149	8149	8142	8122	8105
22	8096	8093	8093	8097	8100	8102	8088	8096	8102	8125	8134	8138	8129	8128	8111
23	8099	8102	8103	8093	8095	8103	8098	8098	8110	8126	8130	8148	8124	8112	8102
24	8077	8078	8079	8079	8081	8081	8100	8101	8101	8113	8135	8115	8113	8103	8089
25	8082	8072	8077	8079	8077	8080	8080	8093	8105	8124	8117	8131	8131	8116	8108
26	8076	8078	8078	8082	8082	8083	8092	8093	8087	8102	8110	8099	8093	8096	8094
27 [b]	8084	8086	8082	8082	8088	8088	8052	8076	8070	8073	8102	8092	8102	8094	8083
28	8086	8080	8069	8069	8068	8069	8069	8072	8081	8103	8115	8108	8095	8080	8074
29 [a]	8069	8071	8071	8074	8073	8067	8063	8069	8075	8097	8113	8115	8107	8098	8093
30 [b]	8074	8075	8075	8076	8079	8078	8084	8096	8110	8135	8150	8156	8150	8131	8136
Mean	8072	8073	8072	8074	8075	8075	8078	8086	8093	8109	8115	8112	8107	8099	8089
Mean [a]	8068	8069	8071	8072	8072	8071	8077	8085	8098	8115	8121	8120	8115	8105	8096
Mean [b]	8069	8072	8072	8075	8078	8081	8078	8087	8087	8103	8111	8103	8106	8088	8079

OCTOBER, 1916. 30000 γ plus tabular quantities.

	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1 [b]	8062	8051	8049	8055	8058	8055	8055	8043	8043	8052	8076	8093	8101	8103	8084
2	8038	8050	8054	8059	8054	8050	8045	8044	8061	8072	8083	8095	8089	8085	8062
3	8089	8089	8070	8060	8060	8059	8064	8073	8078	8099	8116	8120	8116	8105	8091
4 [a]	8064	8065	8066	8066	8066	8066	8071	8073	8084	8094	8107	8112	8104	8093	8085
5	8075	8075	8073	8077	8077	8076	8077	8090	8110	8136	8152	8160	8148	8133	8111
6 [b]	8076	8076	8077	8080	8075	8088	8088	8098	8110	8116	8119	8123	8112	8109	8067
7 [b]	7997	7985	8005	8106	8043	8039	8035	8043	8008	8025	8042	8018	8036	8042	8023
8 [b]	8051	8031	8034	8031	8031	8025	8046	8048	8063	8094	8098	8088	8093	8063	8053
9	8033	8036	8039	8045	8042	8041	8051	8070	8073	8092	8115	8115	8091	8067	8056
10	8052	8048	8046	8053	8056	8062	8067	8084	8097	8119	8125	8126	8101	8087	8081
11	8043	8052	8066	8060	8058	8057	8058	8061	8078	8096	8108	8112	8093	8072	8055
12	8044	8041	8045	8061	8052	8054	8064	8072	8097	8112	8110	8108	8098	8081	8061
13 [b]	8040	8042	8039	8043	8043	8044	8045	8049	8056	8077	8100	8088	8078	8076	8065
14	8049	8061	8054	8049	8046	8026	8030	8033	8032	8063	8089	8090	8086	8083	8056
15	8041	8038	8038	8042	8038	8038	8041	8050	8061	8088	8110	8113	8105	8075	8066
16 [a]	8050	8048	8048	8048	8050	8053	8054	8066	8076	8098	8113	8120	8111	8093	8082
17 [a]	8062	8064	8061	8062	8060	8061	8061	8077	8091	8107	8127	8128	8119	8099	8084
18 [a]	8064	8067	8071	8070	8071	8071	8073	8083	8094	8110	8125	8133	8124	8112	8094
19	8073	8076	8082	8084	8083	8081	8085	8101	8116	8138	8151	8150	8139	8128	8111
20	8090	8096	8095	8095	8096	8099	8083	8099	8111	8130	8143	8146	8136	8146	8135
21	8075	8083	8082	8077	8085	8088	8093	8106	8118	8131	8131	8123	8114	8096	8084
22	8060	8070	8070	8076	8076	8088	8087	8098	8112	8118	8125	8131	8112	8079	8079
23	8083	8077	8102	8085	8089	8088	8094	8096	8102	8117	8139	8138	8119	8099	8089
24	8089	8084	8076	8076	8079	8081	8089	8102	8113	8117	8134	8131	8113	8098	8090
25	8083	8079	8079	8089	8082	8075	8091	8100	8110	8127	8138	8124	8108	8101	8094
26	8079	8077	8087	8081	8081	8082	8095	8112	8125	8138	8148	8143	8130	8116	8101
27	8095	8094	8093	8093	8093	8093	8094	8105	8117	8133	8142	8142	8127	8114	8106
28 [a]	8084	8083	8088	8087	8089	8096	8104	8122	8135	8150	8162	8160	8146	8129	8120
29	8088	8088	8094	8095	8091	8091	8098	8110	8122	8135	8148	8151	8145	8125	8124
30	8101	8090	8087	8082	8072	8084	8090	8106	8120	8133	8136	8124	8105	8098	8085
31	8078	8078	8083	8083	8089	8084	8089	8100	8110	8125	8130	8137	8131	8120	8102
Mean	8065	8064	8066	8070	8067	8068	8072	8081	8091	8108	8121	8121	8111	8098	8084
Mean [a]	8065	8065	8067	8067	8067	8069	8073	8084	8096	8112	8127	8131	8121	8105	8093
Mean [b]	8045	8037	8041	8063	8050	8050	8054	8056	8056	8073	8087	8082	8084	8079	8058

[a] Five international quiet days. [b] Five international disturbed days.

HOURLY VALUES OF HORIZONTAL INTENSITY.

SEPTEMBER, 1916. 30000 γ plus tabular quantities.

16h	17h	18h	19h	20h	21h	22h	23h	24h	Mean.	Maximum.			Minimum.			Range.	Day.
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h.	m.	γ	h.	m.	γ	γ	
8081	8081	8075	8073	8073	8072	8072	8071	8073	8080	10	48	8100	6	00	8067	33	1
8095	8084	8077	8072	8071	8064	8060	8054	8068	8083	11	56	8120	23	10	8051	69	2
8030	8026	8020	8041	8056	8042	8066	8056	8055	8065	6	18	8098	18	00	8020	78	3
8038	8030	8038	8035	8046	8061	8059	8059	8067	8067	10	27	8117	17	03	8028	89	4
8042	8051	8035	8035	8059	8043	8059	8051	8053	8060	4	06	8089	16	15	8030	59	5
8088	8084	8078	8076	8075	8067	8058	8057	8057	8076	10	00	8101	0	01	8053	48	6
8074	8060	8066	8057	8064	8041	8045	8047	8048	8075	11	20	8121	21	00	8041	80	7
8056	8046	8039	8040	8062	8066	8068	8063	8058	8071	10	39	8105	18	45	8033	72	8
8097	8092	8091	8088	8085	8079	8068	8056	8059	8090	11	00	8139	23	00	8056	83	9
8087	8093	8108	8108	8105	8101	8107	8104	8104	8100	12	00	8134	0	01	8059	75	10
8093	8092	8075	8088	8072	8065	8045	8045	8063	8094	10	58	8134	22	40	8042	92	11
8062	8068	8069	8070	8073	8073	8069	8053	8078	8077	10	33	8130	23	00	8053	77	12
8050	8066	8066	8074	8071	8078	8069	8068	8064	8068	11	30	8098	16	06	8048	50	13
8085	8078	8077	8073	8071	8072	8069	8072	8071	8080	11	00	8121	0	24	8061	60	14
8102	8091	8075	8051	8056	8068	8058	8078	8057	8083	10	30	8122	19	00	8051	71	15
8077	8062	8053	8055	8062	8053	8079	8060	8068	8077	10	50	8122	18	30	8044	78	16
8055	8042	8051	8048	8036	8039	8045	8040	8051	8066	10	58	8099	21	24	8029	70	17
8072	8077	8079	8066	8057	8042	8049	8054	8067	8071	10	28	8117	21	33	8038	79	18
8085	8078	8078	8072	8070	8069	8071	8071	8070	8080	10	10	8115	1	18	8053	62	19
8094	8089	8081	8080	8078	8080	8080	8076	8076	8090	10	36	8135	1	00	8068	67	20
8092	8076	8087	8094	8096	8094	8094	8092	8092	8100	11	03	8150	2	00	8075	75	21
8102	8093	8098	8099	8099	8099	8099	8099	8099	8105	10	50	8141	7	00	8088	53	22
8096	8085	8082	8078	8078	8076	8078	8075	8076	8099	12	00	8148	18	42	8066	82	23
8055	8073	8068	8075	8077	8074	8066	8065	8077	8086	11	00	8135	16	15	8053	82	24
8097	8085	8082	8082	8072	8077	8073	8077	8077	8091	12	36	8133	19	36	8070	63	25
8094	8093	8090	8086	8084	8081	8081	8082	8083	8088	11	00	8110	1	00	8076	34	26
8052	8026	8037	8050	8059	8054	8061	8060	8060	8071	11	10	8104	17	20	8024	80	27
8069	8070	8071	8064	8065	8066	8068	8069	8070	8077	11	30	8117	0	01	8060	57	28
8085	8086	8081	8079	8076	8077	8076	8074	8075	8082	11	42	8117	6	54	8062	55	29
8112	8086	8080	8057	8015	7999	8035	8045	8066	8088	12	00	8156	21	00	7999	157	30
8077	8072	8070	8069	8069	8066	8068	8066	8069	8081	---		8121	---		8050	71	-------
8087	8082	8080	8080	8079	8078	8079	8077	8077	8086	---		8123	---		8065	58	-------
8059	8047	8049	8051	8050	8046	8058	8055	8065	8074	---		8121	---		8025	96	-------

OCTOBER, 1916. 30000 γ plus tabular quantities.

γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h.	m.	γ	h.	m.	γ	γ	
8058	8053	8037	8027	8068	8017	8037	8026	8035	8056	12	24	8106	21	12	8005	101	1
8061	8052	8061	8031	8061	8061	8069	8066	8077	8062	12	15	8098	19	00	8031	67	2
8082	8074	8060	8060	8070	8060	8054	8049	8051	8077	11	45	8121	23	10	8047	74	3
8081	8079	8077	8076	8076	8071	8077	8078	8078	8080	11	45	8114	0	06	8049	65	4
8094	8086	8076	8082	8075	8069	8080	8070	8075	8095	12	00	8160	22	42	8066	94	5
8017	8015	8008	8007	7957	7949	7933	7991	7987	8053	11	24	8125	22	20	7931	194	6
8016	8017	8036	8014	8026	8023	8043	8033	8025	8028	4	00	8106	1	48	7978	128	7
8029	8035	8031	8026	8051	8014	8034	8049	8026	8048	11	00	8098	20	57	8012	86	8
8055	8029	8030	8035	8045	8044	8039	8055	8044	8056	11	30	8118	0	10	8024	94	9
8075	8074	8064	8076	8062	8055	8052	8063	8053	8074	11	20	8129	0	01	8044	85	10
8051	8054	8052	8041	8038	8044	8056	8047	8054	8063	11	24	8116	19	45	8030	86	11
8055	8054	8066	8056	8062	8063	8064	8075	8045	8068	9	50	8114	1	10	8038	76	12
8030	8034	8021	8022	8026	8011	8003	8057	8033	8047	11	18	8104	21	50	8000	104	13
8023	8036	8015	8038	8026	8034	8037	8036	8034	8047	12	20	8093	16	10	8013	80	14
8066	8067	8060	8055	8059	8056	8052	8054	8050	8061	12	00	8113	0	01	8034	79	15
8071	8072	8064	8061	8061	8059	8060	8059	8060	8070	11	36	8121	1	30	8047	74	16
8081	8078	8071	8066	8062	8060	8061	8060	8061	8078	11	40	8130	0	15	8059	71	17
8090	8083	8082	8078	8067	8066	8070	8072	8074	8085	12	00	8133	0	01	8061	72	18
8104	8096	8095	8101	8098	8094	8093	8089	8091	8102	12	00	8150	1	00	8073	77	19
8125	8108	8075	8058	8071	8068	8068	8076	8071	8101	11	33	8148	18	45	8055	93	20
8088	8085	8085	8083	8070	8076	8064	8083	8061	8091	10	20	8136	23	45	8058	78	21
8077	8068	8065	8075	8066	8088	8084	8083	8083	8086	12	33	8133	1	06	8059	74	22
8076	8082	8079	8079	8084	8079	8076	8090	8100	8094	11	15	8141	19	20	8074	67	23
8084	8083	8082	8081	8083	8087	8078	8081	8082	8092	11	00	8134	20	35	8071	63	24
8091	8088	8079	8072	8075	8084	8073	8072	8072	8091	10	48	8140	19	40	8062	78	25
8098	8098	8095	8094	8095	8093	8091	8094	8095	8102	11	00	8148	2	03	8075	73	26
8096	8094	8088	8088	8088	8085	8084	8085	8087	8102	11	18	8144	22	00	8084	60	27
8113	8110	8100	8095	8093	8081	8082	8081	8089	8108	11	00	8162	20	54	8079	83	28
8123	8122	8113	8110	8111	8112	8112	8107	8106	8114	11	21	8154	0	55	8087	67	29
8087	8087	8083	8083	8083	8078	8075	8084	8078	8094	11	00	8136	5	06	8071	65	30
8089	8085	8078	8073	8076	8082	8079	8078	8077	8094	11	33	8139	19	24	8072	67	31
8074	8071	8065	8063	8064	8060	8061	8066	8063	8078	---		8128	---		8045	83	-------
8087	8084	8079	8075	8072	8067	8070	8070	8072	8084	---		8132	---		8059	73	-------
8030	8031	8027	8019	8026	8003	8010	8031	8021	8046	---		8108	---		7985	123	-------

HOURLY VALUES OF HORIZONTAL INTENSITY.

NOVEMBER, 1916. 30000 γ plus tabular quantities.

Day.	1 h	2 h	3 h	4 h	5 h	6 h	7 h	8 h	9 h	10 h	11 h	12 h	13 h	14 h	15 h
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1 [a]	8076	8087	8087	8085	8088	8088	8090	8104	8116	8125	8130	8128	8123	8107	8098
2	8085	8098	8091	8094	8090	8093	8094	8108	8119	8129	8150	8140	8131	8118	8108
3	8089	8094	8094	8090	8091	8099	8112	8117	8122	8143	8148	8152	8156	8158	8146
4 [b]	8055	8053	8060	8060	8068	8070	8070	8068	8083	8078	8090	8105	8111	8095	8088
5 [b]	8071	8068	8077	8077	8071	8055	8042	8049	8076	8090	8111	8108	8098	8095	8073
6 [b]	8063	8060	8078	8068	8066	8073	8079	8069	8077	8095	8102	8105	8102	8092	8076
7	8069	8067	8062	8054	8057	8063	8073	8080	8090	8097	8106	8108	8101	8083	8078
8	8069	8067	8068	8066	8071	8076	8086	8100	8108	8118	8117	8120	8114	8106	8100
9	8077	8083	8077	8076	8074	8074	8083	8096	8103	8114	8125	8111	8109	8101	8091
10	8079	8094	8089	8085	8082	8079	8101	8112	8123	8125	8126	8115	8101	8084	8083
11	8076	8076	8079	8076	8074	8076	8088	8106	8120	8131	8135	8126	8100	8095	8085
12 [b]	8077	8077	8088	8088	8086	8085	8088	8097	8111	8134	8135	8124	8106	8090	8083
13	8086	8111	8108	8126	8126	8100	8107	8094	8095	8108	8108	8107	8106	8097	8091
14 [a]	8063	8069	8077	8078	8077	8080	8096	8107	8120	8131	8132	8125	8120	8113	8106
15	8084	8082	8088	8088	8090	8091	8109	8115	8130	8126	8136	8132	8123	8117	8106
16	8099	8102	8100	8100	8096	8094	8094	8101	8111	8126	8146	8144	8138	8141	8115
17	8096	8096	8092	8095	8096	8096	8100	8108	8121	8135	8144	8141	8144	8125	8118
18	8106	8101	8103	8103	8100	8103	8110	8113	8132	8148	8156	8152	8139	8118	8108
19	8095	8091	8093	8091	8091	8089	8096	8098	8112	8116	8124	8124	8109	8103	8095
20 [a]	8087	8089	8092	8103	8098	8100	8109	8121	8131	8135	8139	8136	8126	8120	8110
21 [a]	8099	8099	8101	8107	8093	8093	8097	8113	8108	8120	8120	8123	8114	8104	8108
22	8099	8096	8097	8094	8092	8091	8090	8097	8104	8113	8113	8126	8128	8120	8110
23	8096	8098	8097	8098	8099	8110	8119	8128	8134	8134	8130	8125	8119	8119	8114
24 [a]	8078	8085	8097	8094	8093	8094	8103	8117	8117	8123	8121	8119	8111	8108	8098
25	8091	8092	8093	8097	8100	8105	8111	8121	8131	8137	8141	8146	8139	8138	8127
26	8105	8106	8109	8097	8100	8122	8120	8126	8131	8154	8152	8145	8134	8117	8109
27 [b]	8094	8102	8103	8103	8100	8098	8135	8164	8152	8150	8137	8124	8137	8123	8111
28	8102	8112	8114	8114	8116	8120	8128	8123	8122	8132	8143	8144	8104	8102	8089
29	8083	8087	8093	8089	8092	8091	8103	8106	8122	8146	8150	8160	8164	8145	8121
30	8089	8089	8084	8084	8088	8087	8083	8088	8100	8112	8104	8123	8106	8107	8096
Mean	8085	8088	8090	8089	8089	8090	8097	8105	8114	8124	8129	8128	8120	8111	8101
Mean [a]	8081	8086	8091	8093	8090	8091	8099	8112	8118	8127	8128	8126	8119	8110	8104
Mean [b]	8072	8072	8081	8079	8078	8076	8083	8089	8100	8109	8115	8113	8111	8099	8086

DECEMBER, 1916. 30000 γ plus tabular quantities.

	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1 [b]	8044	8049	8054	8061	8060	8076	8086	8082	8096	8110	8100	8100	8098	8099	8088
2 [b]	8068	8063	8068	8062	8066	8068	8065	8074	8092	8100	8105	8100	8104	8091	8081
3 [b]	8082	8080	8076	8085	8073	8071	8086	8086	8090	8126	8130	8133	8120	8101	8088
4	8091	8075	8076	8079	8075	8079	8078	8078	8087	8098	8109	8105	8108	8104	8092
5	8073	8069	8075	8070	8070	8081	8090	8104	8116	8132	8137	8125	8114	8109	8106
6 [a]	8084	8094	8091	8089	8088	8085	8084	8089	8102	8114	8115	8109	8101	8102	8095
7	8084	8083	8080	8079	8079	8085	8097	8114	8129	8141	8142	8141	8114	8112	8105
8	8093	8098	8099	8089	8089	8089	8100	8108	8127	8137	8146	8130	8116	8088	8072
9	8084	8080	8081	8081	8082	8087	8101	8119	8129	8147	8150	8141	8130	8122	8104
10 [a]	8089	8084	8084	8088	8083	8087	8095	8104	8112	8116	8121	8109	8110	8107	8095
11	8089	8088	8091	8087	8088	8094	8104	8110	8116	8128	8133	8135	8127	8112	8097
12	8084	8086	8090	8091	8092	8093	8095	8108	8119	8131	8145	8145	8147	8098	8103
13	8095	8085	8088	8081	8092	8093	8097	8098	8107	8114	8111	8109	8097	8095	8095
14	8085	8087	8090	8094	8100	8095	8106	8125	8123	8131	8144	8144	8148	8133	8123
15 [b]	8078	8083	8079	8083	8083	8085	8093	8106	8113	8122	8124	8125	8106	8088	8091
16	8074	8078	8085	8105	8085	8078	8076	8080	8083	8094	8100	8103	8094	8090	8093
17	8079	8078	8078	8078	8080	8080	8084	8085	8094	8106	8111	8113	8105	8086	8080
18	8078	8080	8084	8083	8084	8079	8080	8084	8083	8093	8101	8112	8109	8109	8105
19	8074	8083	8085	8085	8089	8088	8086	8091	8099	8108	8119	8123	8129	8123	8114
20	8088	8089	8089	8088	8085	8093	8100	8112	8118	8125	8134	8123	8115	8109	8097
21 [a]	8087	8087	8085	8087	8087	8087	8092	8099	8102	8107	8117	8118	8111	8105	8100
22 [a]	8090	8090	8088	8090	8093	8096	8110	8117	8124	8128	8127	8116	8116	8117	8116
23 [a]	8095	8094	8094	8093	8095	8104	8116	8125	8135	8144	8135	8125	8123	8122	8117
24	8096	8100	8101	8104	8106	8107	8113	8124	8135	8153	8156	8146	8140	8127	8122
25	8105	8097	8100	8100	8098	8100	8112	8126	8138	8156	8151	8141	8126	8116	8106
26	8088	8087	8081	8084	8068	8083	8088	8101	8116	8135	8145	8130	8122	8116	8106
27 [b]	8101	8101	8104	8097	8091	8093	8093	8101	8121	8139	8134	8170	8134	8117	8104
28	8055	8065	8072	8075	8081	8092	8100	8100	8115	8122	8111	8082	8091	8094	8084
29	8077	8083	8083	8076	8069	8080	8093	8102	8106	8133	8135	8125	8108	8093	8081
30	8077	8079	8080	8079	8082	8086	8075	8085	8097	8120	8133	8135	8123	8109	8105
31	8071	8074	8077	8080	8088	8090	8087	8091	8096	8119	8106	8120	8117	8111	8099
Mean	8083	8083	8084	8085	8084	8087	8093	8101	8110	8124	8127	8124	8116	8107	8099
Mean [a]	8089	8090	8088	8089	8089	8092	8099	8107	8115	8122	8123	8115	8112	8111	8105
Mean [b]	8075	8075	8076	8078	8075	8079	8085	8090	8102	8119	8119	8126	8112	8099	8090

[a] Five international quiet days. [b] Five international disturbed days.

HOURLY VALUES OF HORIZONTAL INTENSITY.

NOVEMBER, 1916.

30000 γ plus tabular quantities.

16 h	17 h	18 h	19 h	20 h	21 h	22 h	23 h	24 h	Mean.	Maximum.			Minimum.			Range.	Day.
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h.	m.	γ	h.	m.	γ	γ	
8089	8085	8082	8083	8088	8087	8090	8089	8088	8096	11	30	8132	0	42	8075	57	1
8102	8100	8096	8093	8100	8104	8099	8093	8101	8106	10	45	8151	0	20	8083	68	2
8124	8102	8089	8052	8042	8015	8064	8059	8059	8101	11	27	8160	21	10	8013	147	3
8078	8067	8060	8047	8062	8065	8064	8061	8076	8072	9	18	8115	19	20	8045	70	4
8045	8050	8027	8030	8044	8030	8044	8052	8076	8065	11	30	8120	21	08	8024	96	5
8061	8063	8060	8059	8062	8068	8067	8057	8113	8076	24	00	8113	18	15	8053	60	6
8076	8066	8056	8066	8056	8060	8056	8076	8065	8074	10	54	8110	21	45	8050	60	7
8092	8086	8086	8080	8074	8074	8067	8089	8088	8088	10	36	8122	0	01	8065	57	8
8083	8078	8079	8078	8078	8073	8077	8088	8083	8088	10	57	8127	21	00	8073	54	9
8078	8084	8084	8083	8083	8076	8074	8068	8069	8091	10	33	8127	23	20	8066	61	10
8068	8066	8063	8056	8060	8068	8084	8079	8079	8086	11	10	8137	19	00	8056	81	11
8074	8045	8038	8048	8040	8028	8032	8042	8065	8078	10	40	8137	22	30	8018	119	12
8090	8102	8097	8089	8080	8067	8072	8069	8071	8096	2	27	8128	0	01	8065	63	13
8097	8097	8091	8089	8086	8086	8082	8082	8083	8095	10	42	8136	1	06	8055	81	14
8096	8089	8091	8089	8078	8096	8086	8083	8095	8101	10	33	8144	20	15	8076	68	15
8107	8099	8097	8097	8097	8096	8091	8082	8092	8107	11	00	8146	23	06	8080	66	16
8112	8108	8103	8102	8090	8087	8086	8096	8097	8108	10	24	8146	21	20	8083	63	17
8092	8073	8078	8085	8074	8073	8080	8078	8086	8105	10	55	8158	20	06	8071	87	18
8091	8093	8084	8087	8096	8091	8081	8095	8095	8098	11	30	8129	21	54	8077	52	19
8110	8106	8100	8095	8093	8091	8092	8092	8098	8107	11	08	8143	1	10	8085	58	20
8108	8105	8102	8102	8102	8103	8101	8102	8099	8105	10	32	8125	5	06	8092	33	21
8084	8068	8087	8084	8086	8092	8093	8090	8090	8098	13	00	8128	16	42	8064	64	22
8104	8102	8094	8094	8086	8081	8071	8069	8067	8104	9	30	8138	23	54	8065	73	23
8092	8093	8094	8097	8094	8094	8091	8088	8088	8100	10	24	8126	0	01	8068	58	24
8120	8116	8108	8104	8095	8089	8087	8088	8103	8112	12	00	8146	22	20	8085	61	25
8109	8115	8110	8110	8103	8098	8103	8104	8088	8115	10	15	8156	23	08	8085	71	26
8110	8114	8106	8095	8098	8100	8106	8106	8108	8116	8	00	8164	0	01	8088	76	27
8080	8080	8080	8083	8081	8072	8080	8091	8081	8104	11	12	8146	20	15	8069	77	28
8110	8103	8094	8091	8080	8077	8063	8069	8075	8105	12	30	8167	22	30	8061	106	29
8087	8089	8086	8075	8060	8069	8032	8053	8058	8085	11	30	8124	22	42	8030	94	30
8092	8088	8084	8081	8079	8077	8077	8080	8085	8096	---		8137	---		8064	73	-------
8099	8097	8094	8093	8093	8092	8091	8091	8091	8101	---		8132	---		8075	57	-------
8074	8068	8058	8056	8061	8058	8063	8064	8088	8081	---		8130	---		8046	84	-------

DECEMBER, 1916.

30000 γ plus tabular quantities.

γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h.	m.	γ	h.	m.	γ	γ	
8071	8070	8067	8060	8050	8053	8049	8049	8081	8073	10	00	8110	22	20	8041	69	1
8064	8072	8049	8054	8056	8065	8087	8060	8057	8074	11	27	8110	18	00	8049	61	2
8064	8069	8063	8073	8070	8064	8086	8069	8078	8086	10	55	8134	0	01	8057	77	3
8086	8084	8084	8074	8086	8085	8091	8075	8086	8087	11	00	8109	19	00	8074	35	4
8100	8097	8085	8077	8086	8086	8085	8086	8085	8094	10	33	8139	1	30	8067	72	5
8091	8085	8083	8072	8073	8080	8079	8082	8083	8090	11	00	8115	19	00	8072	43	6
8099	8100	8096	8094	8094	8096	8099	8100	8097	8102	10	30	8144	4	06	8078	66	7
8072	8077	8078	8082	8083	8084	8091	8084	8083	8096	10	45	8148	15	24	8070	78	8
8094	8086	8090	8084	8077	8069	8070	8075	8071	8098	10	10	8152	21	15	8066	86	9
8093	8083	8077	8074	8077	8081	8082	8084	8095	8093	10	50	8123	0	01	8071	52	10
8086	8076	8082	8080	8077	8069	8066	8068	8077	8095	11	20	8137	22	00	8066	71	11
8088	8081	8087	8088	8087	8076	8079	8081	8087	8099	11	36	8160	21	00	8076	84	12
8097	8093	8087	8082	8081	8081	8080	8081	8087	8093	10	00	8114	21	36	8078	36	13
8109	8107	8091	8087	8089	8085	8083	8081	8080	8106	12	30	8150	21	24	8076	74	14
8089	8089	8090	8079	8071	8049	8061	8068	8101	8090	11	20	8128	21	00	8049	79	15
8090	8083	8073	8061	8071	8074	8072	8086	8082	8084	4	00	8105	19	20	8058	47	16
8076	8080	8079	8078	8073	8070	8068	8073	8074	8084	11	50	8115	22	00	8068	47	17
8100	8099	8095	8091	8088	8083	8080	8085	8077	8090	12	00	8112	0	01	8074	38	18
8103	8095	8088	8083	8086	8079	8080	8084	8086	8095	12	24	8134	0	35	8073	61	19
8083	8077	8084	8085	8086	8084	8085	8086	8088	8097	11	00	8134	17	00	8077	57	20
8094	8092	8092	8092	8093	8094	8092	8092	8092	8096	11	48	8120	2	42	8083	37	21
8110	8105	8104	8101	8096	8094	8094	8094	8095	8105	10	06	8129	3	00	8088	41	22
8114	8113	8104	8104	8102	8101	8102	8101	8099	8111	10	00	8144	4	00	8093	51	23
8122	8121	8121	8116	8111	8108	8108	8107	8106	8119	10	30	8157	1	00	8096	61	24
8106	8110	8113	8111	8109	8104	8103	8101	8103	8114	10	24	8159	2	00	8097	62	25
8098	8094	8095	8093	8086	8098	8100	8099	8104	8101	11	00	8145	4	20	8066	79	26
8084	8083	8061	8084	8071	8074	8081	8082	8055	8099	12	06	8171	24	00	8055	116	27
8075	8069	8075	8080	8069	8086	8077	8072	8072	8084	9	38	8130	1	00	8055	75	28
8071	8064	8069	8075	8073	8075	8075	8076	8076	8087	10	06	8136	17	00	8064	72	29
8098	8085	8081	8056	8045	8052	8065	8069	8067	8087	11	35	8136	20	00	8045	91	30
8100	8098	8092	8086	8074	8063	8057	8052	8062	8088	10	06	8121	21	30	8048	73	31
8091	8088	8085	8082	8080	8079	8082	8081	8083	8094	---		8133	---		8069	64	-------
8100	8096	8092	8089	8088	8090	8090	8091	8093	8099	---		8126	---		8081	45	-------
8074	8077	8066	8070	8064	8061	8073	8066	8074	8084	---		8130	---		8050	80	-------

HOURLY VALUES OF VERTICAL INTENSITY.

JANUARY, 1916. 10000 γ plus tabular quantities.

Day.	1 h	2 h	3 h	4 h	5 h	6 h	7 h	8 h	9 h	10 h	11 h	12 h	13 h	14 h	15 h
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	1064	1065	1063	1065	1064	1064	1065	1067	1061	1032	1009	1023	1038	1054	1061
2 [a]	1064	1063	1063	1063	1064	1065	1065	1067	1061	1031	1026	1032	1038	1052	1055
3	1059	1058	1059	1060	1061	1059	1060	1064	1060	1040	1031	1043	1049	1058	1068
4	1060	1060	1058	1058	1059	1059	1061	1064	1061	1041	1033	1036	1041	1050	1058
5	1067	1067	1066	1066	1066	1067	1068	1069	1062	1046	1037	1039	1046	1050	1050
6	1060	1059	1057	1057	1056	1052	1046	1043	1038	1029	1020	1021	1030	1042	1052
7	1070	1067	1065	1064	1060	1057	1056	1056	1041	1017	1007	1010	1028	1042	1057
8 [a]	1065	1064	1062	1062	1060	1060	1059	1053	1035	1010	994	1003	1019	1042	1057
9	1065	1063	1062	1062	1060	1059	1057	1051	1036	1018	1011	1012	1020	1039	1050
10 [b]	1067	1065	1064	1062	1062	1061	1056	1050	1039	1016	1001	1006	1017	1033	1050
11 [b]	1066	1065	1064	1069	1059	1063	1066	1067	1062	1039	1016	1010	1018	1029	1048
12 [b]	1066	1060	1062	1058	1066	1065	1065	1083	1068	1040	1032	1027	1026	1038	1048
13										1023	1009	1008	1011	1033	1047
14	1060	1060	1059	1059	1057	1059	1057	1057	1047	1023	1008	1015	1022	1027	1039
15 [a]	1058	1058	1056	1055	1056	1055	1056	1053	1037	1010	1000	1003	1009	1021	1034
16	1059	1059	1059	1059	1059	1058	1059	1061	1059	1040	1012	1016	1021	1033	1045
17 [a]	1057	1057	1054	1054	1054	1053	1050	1049	1045	1034	1018	1011	1012	1016	1026
18	1048	1048	1049	1050	1051	1052	1054	1060	1062	1049	1042	1041	1041	1041	1043
19 [a]	1053	1053	1053	1053	1053	1055	1052	1052	1042	1024	1007	1006	1015	1029	1041
20 [b]	1055	1054	1054	1052	1052	1051	1049	1054	1057	1047	1042	1043	1038	1043	1047
21	1057	1056	1056	1054	1054	1052	1049	1049	1046	1034	1032	1028	1036	1049	1059
22	1061	1060	1061	1060	1058	1058	1056	1055	1044	1037	1038	1039	1048	1058	1066
23 [b]	1069	1067	1067	1069	1064	1065	1062	1062	1047	1055	1040	1039	1064	1064	1072
24	1065	1065	1064	1063	1064	1063	1059	1055	1048	1040	1036	1030	1036	1044	1062
25	1065	1065	1065	1063	1063	1062	1059	1055	1046	1026	1011	1026	1034	1048	1065
26	1067	1061	1062	1062	1062	1062	1062	1056	1043	1026	1027	1029	1038	1046	1051
27	1063	1062	1061	1060	1061	1061	1064	1060	1046	1024	1005	996	1004	1019	1041
28	1062	1062	1061	1061	1060	1059	1057	1060	1054	1037	1025	1026	1032	1037	1043
29	1059	1060	1060	1059	1058	1056	1055	1058	1055	1044	1028	1021	1017	1024	1037
30	1058	1055	1054	1052	1052	1052	1052	1051	1043	1031	1025	1023	1021	1027	1036
31	1057	1057	1054	1053	1053	1053	1053	1052	1052	1046	1039	1033	1037	1040	1041
Mean	1062	1060	1060	1059	1059	1059	1058	1058	1050	1033	1021	1022	1029	1040	1050
Mean [a]	1059	1059	1058	1057	1057	1058	1056	1055	1044	1022	1009	1011	1019	1032	1043
Mean [b]	1065	1062	1062	1062	1061	1061	1060	1063	1055	1039	1026	1025	1033	1041	1053

FEBRUARY, 1916. 10000 γ plus tabular quantities.

Day.	1 h	2 h	3 h	4 h	5 h	6 h	7 h	8 h	9 h	10 h	11 h	12 h	13 h	14 h	15 h
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1 [a]	1056	1057	1054	1053	1054	1054	1054	1056	1054	1050	1043	1038	1035	1042	1049
2	1056	1055	1055	1053	1052	1053	1052	1052	1043	1025	1010	1012	1021	1029	1038
3	1059	1058	1058	1058	1057	1055	1055	1056	1052	1046	1030	1014	1022	1030	1040
4	1062	1060	1060	1059	1059	1057	1056	1055	1054	1047	1038	1034	1032	1034	1037
5	1055	1055	1055	1053	1049	1047	1047	1046	1037	1030	1026	1026	1029	1039	1047
6 [a]	1054	1050	1050	1049	1045	1045	1045	1046	1039	1029	1021	1017	1020	1030	1037
7	1051	1051	1049	1049	1047	1047	1045	1044	1034	1024	1018	1010	1013	1020	1030
8 [b]	1050	1045	1045	1044	1043	1041	1038	1038	1034	1027	1020	1015	1013	1016	1028
9	1047	1046	1044	1044	1041	1038	1041	1042	1033	1024	1019	1014	1015	1024	1036
10	1053	1052	1050	1050	1049	1046	1044	1043	1039	1034	1023	1017	1012	1013	1023
11	1046	1046	1046	1045	1044	1045	1042	1043	1044	1038	1029	1022	1013	1014	1020
12 [b]	1050	1050	1051	1049	1048	1045	1045	1044	1040	1034	1027	1024	1030	1031	1036
13	1044	1043	1042	1043	1042	1040	1040	1041	1038	1032	1024	1029	1031	1029	1029
14	1052	1052	1051	1050	1050	1049	1048	1049	1044	1040	1039	1039	1039	1039	1042
15	1056	1055	1055	1056	1056	1055	1054	1051	1047	1037	1027	1024	1028	1030	1035
16 [a]	1048	1048	1047	1047	1047	1045	1043	1042	1040	1032	1031	1028	1024	1023	1030
17 [b]	1056	1056	1056	1055	1055	1054	1051	1049	1046	1039	1036	1035	1035	1035	1038
18 [b]	1056	1055	1055	1055	1055	1051	1049	1046	1040	1040	1041	1045	1046	1045	1049
19	1054	1054	1054	1050	1053	1052	1049	1048	1043	1033	1031	1030	1034	1037	1047
20	1056	1056	1057	1056	1055	1054	1051	1051	1052	1045	1038	1037	1039	1042	1046
21 [a]	1055	1054	1054	1054	1050	1050	1047	1047	1039	1032	1029	1033	1034	1036	1044
22	1053	1053	1052	1051	1050	1051	1047	1050	1046	1044	1036	1033	1018	1030	1040
23	1051	1049	1048	1046	1046	1046	1045	1048	1048	1043	1035	1027	1027	1035	1045
24	1056	1054	1053	1053	1053	1052	1052	1053	1052	1044	1040	1031	1028	1038	1045
25 [a]	1059	1059	1058	1055	1053	1053	1052	1050	1046	1039	1034	1031	1028	1030	1035
26	1059	1058	1057	1056	1054	1052	1050	1046	1040	1037	1037	1033	1034	1037	1039
27 [b]	1056	1054	1053	1051	1050	1050	1049	1049	1048	1041	1041	1040	1042	1045	1049
28	1055	1054	1055	1054	1049	1050	1050	1050	1047	1040	1038	1038	1039	1038	1040
29	1059	1059	1058	1058	1058	1056	1054	1054	1053	1048	1044	1042	1040	1044	1055
Mean	1054	1053	1052	1052	1050	1049	1048	1048	1044	1037	1031	1028	1028	1032	1039
Mean [a]	1054	1054	1053	1052	1050	1049	1048	1048	1044	1036	1032	1029	1028	1032	1039
Mean [b]	1054	1052	1052	1051	1050	1048	1046	1045	1042	1036	1033	1032	1033	1034	1040

[a] Five international quiet days. [b] Five international disturbed days.

HOURLY VALUES OF VERTICAL INTENSITY.

JANUARY, 1916. 10000 γ plus tabular quantities.

16h	17h	18h	19h	20h	21h	22h	23h	24h	Mean.	Maximum.		Minimum.		Range.	Day.
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h. m.	γ	h. m.	γ	γ	
1058	1056	1058	1060	1063	1063	1063	1061	1061	1056	8 00	1067	11 00	1009	58	1
1054	1052	1051	1052	1055	1058	1059	1059	1059	1054	8 00	1067	10 36	1024	43	2
1065	1059	1059	1058	1058	1059	1058	1058	1059	1057	15 00	1068	11 00	1031	37	3
1061	1068	1070	1071	1072	1071	1070	1069	1068	1059	20 00	1072	11 00	1033	39	4
1051	1053	1056	1059	1061	1060	1061	1061	1061	1058	8 00	1069	11 00	1037	32	5
1057	1059	1059	1064	1066	1067	1069	1068	1069	1052	23 26	1070	11 00	1020	50	6
1061	1058	1059	1064	1066	1067	1067	1067	1067	1053	1 00	1070	11 00	1007	63	7
1067	1065	1062	1065	1067	1067	1067	1067	1066	1052	16 10	1068	11 00	994	74	8
1060	1063	1064	1068	1067	1069	1070	1068	1068	1053	22 08	1071	11 00	1011	60	9
1061	1061	1061	1065	1067	1069	1069	1069	1065	1052	23 04	1071	11 12	1000	71	10
1059	1063	1061	1066	1065	1069	1067	1068	1067	1055	19 35	1070	12 00	1010	60	11
1058	1058	1061	1055	1063	1064	1066	1066	1066	1057	8 14	1087	12 25	1017	70	12
1055	1054	1054	1056	1060	1060	1061	1063	1062							13
1046	1050	1053	1056	1056	1056	1059	1059	1059	1048	0 05	1061	11 00	1008	53	14
1045	1050	1052	1054	1055	1056	1058	1058	1060	1044	24 00	1060	11 00	1000	60	15
1050	1049	1052	1055	1058	1059	1060	1060	1059	1050	8 00	1061	11 00	1012	49	16
1036	1040	1044	1048	1046	1048	1046	1048	1048	1041	0 35	1059	12 00	1011	48	17
1042	1043	1045	1050	1052	1053	1053	1053	1053	1049	9 00	1062	13 24	1039	23	18
1049	1051	1049	1055	1055	1056	1056	1056	1056	1045	22 10	1057	11 25	1005	52	19
1054	1055	1052	1055	1055	1055	1055	1055	1061	1051	23 50	1062	12 06	1035	27	20
1056	1054	1056	1059	1059	1060	1062	1062	1061	1052	22 06	1063	12 00	1028	35	21
1059	1053	1057	1063	1065	1064	1069	1068	1067	1057	22 40	1073	10 28	1034	39	22
1070	1064	1063	1065	1065	1065	1066	1066	1066	1062	15 45	1074	11 39	1035	39	23
1065	1064	1061	1062	1062	1064	1065	1066	1065	1057	23 00	1066	12 00	1030	36	24
1068	1067	1064	1063	1064	1065	1066	1070	1064	1056	22 55	1071	10 55	1010	61	25
1057	1058	1057	1057	1060	1060	1063	1065	1064	1054	1 39	1075	10 23	1024	51	26
1054	1061	1059	1060	1061	1061	1062	1062	1062	1049	7 00	1064	12 00	996	68	27
1050	1052	1054	1055	1056	1059	1059	1059	1060	1052	2 05	1063	11 10	1024	39	28
1045	1052	1052	1054	1053	1055	1056	1056	1058	1049	2 32	1061	12 40	1016	45	29
1045	1050	1051	1052	1053	1054	1057	1057	1059	1046	1 21	1061	13 00	1021	40	30
1046	1048	1051	1053	1053	1053	1053	1056	1054	1049	2 16	1058	12 00	1033	25	31
1055	1056	1056	1059	1060	1061	1062	1062	1062	1052	----------	1066	----------	1018	48	-------
1050	1052	1052	1055	1056	1057	1057	1058	1058	1047	----------	1062	----------	1007	55	-------
1060	1060	1060	1061	1063	1064	1065	1065	1065	1055	----------	1073	----------	1020	53	-------

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γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h. m.	γ	h. m.	γ	γ	
1050	1051	1051	1053	1054	1054	1056	1056	1057	1051	2 14	1058	13 00	1035	23	1
1048	1055	1055	1056	1056	1056	1058	1059	1060	1046	24 00	1060	11 40	1008	52	2
1049	1050	1054	1057	1058	1059	1060	1060	1061	1050	0 40	1062	12 00	1014	48	3
1044	1048	1048	1050	1051	1049	1051	1053	1054	1050	1 00	1062	13 00	1032	30	4
1053	1050	1047	1054	1054	1054	1057	1056	1055	1047	21 38	1059	11 08	1025	34	5
1042	1045	1046	1048	1049	1050	1053	1054	1052	1042	0 10	1056	12 00	1017	39	6
1041	1047	1045	1046	1048	1049	1051	1051	1052	1040	24 00	1052	12 00	1010	42	7
1040	1042	1041	1041	1041	1046	1047	1046	1051	1037	24 00	1051	13 00	1013	38	8
1046	1051	1047	1046	1048	1050	1053	1052	1053	1040	21 55	1054	12 00	1014	40	9
1032	1041	1041	1043	1046	1049	1047	1047	1050	1039	0 50	1054	13 42	1011	43	10
1029	1039	1045	1049	1048	1048	1048	1049	1049	1039	23 10	1050	13 00	1013	37	11
1041	1045	1044	1050	1049	1048	1050	1050	1048	1043	2 40	1052	12 00	1024	28	12
1035	1039	1044	1048	1050	1050	1051	1052	1052	1040	23 36	1054	11 00	1024	30	13
1047	1050	1051	1051	1055	1055	1056	1055	1058	1048	24 00	1058	12 20	1037	21	14
1037	1038	1042	1045	1046	1045	1047	1048	1048	1044	0 42	1058	12 00	1024	34	15
1039	1041	1048	1049	1051	1051	1055	1056	1056	1043	23 38	1057	13 24	1022	35	16
1039	1047	1047	1055	1058	1057	1057	1058	1058	1049	23 40	1059	11 32	1034	25	17
1055	1054	1051	1055	1055	1055	1056	1055	1057	1051	22 28	1061	9 40	1030	31	18
1056	1055	1053	1055	1056	1056	1057	1057	1058	1049	23 26	1060	12 00	1030	30	19
1052	1056	1055	1055	1055	1055	1055	1056	1056	1051	3 00	1057	12 00	1037	20	20
1050	1050	1053	1054	1054	1054	1054	1054	1055	1047	0 24	1057	11 00	1029	28	21
1045	1045	1046	1051	1050	1051	1050	1051	1051	1046	0 15	1054	13 11	1016	38	22
1051	1054	1053	1055	1057	1055	1057	1055	1057	1047	22 42	1058	12 45	1026	32	23
1049	1054	1054	1056	1058	1059	1059	1059	1060	1050	24 00	1060	13 00	1028	32	24
1042	1049	1053	1055	1055	1055	1057	1057	1059	1048	1 25	1060	13 00	1028	32	25
1046	1048	1050	1054	1056	1056	1057	1058	1055	1049	1 00	1059	12 00	1033	26	26
1055	1055	1055	1056	1057	1056	1055	1056	1056	1051	20 00	1057	12 00	1040	17	27
1047	1052	1053	1058	1058	1060	1062	1063	1064	1051	24 00	1064	11 10	1037	27	28
1058	1059	1061	1059	1062	1062	1064	1064	1065	1056	24 00	1065	13 00	1040	25	29
1045	1049	1049	1052	1053	1053	1054	1055	1055	1046	----------	1057	----------	1025	32	-------
1045	1047	1050	1052	1053	1053	1055	1055	1056	1046	----------	1058	----------	1026	32	-------
1046	1049	1048	1051	1052	1052	1053	1053	1054	1046	----------	1056	----------	1028	28	-------

HOURLY VALUES OF VERTICAL INTENSITY.

MARCH, 1916. 10000 γ plus tabular quantities.

Day.	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1 [a]	1064	1064	1065	1065	1065	1063	1061	1060	1055	1046	1044	1042	1038	1044	1047
2	1054	1055	1055	1055	1053	1052	1052	1051	1044	1033	1026	1019	1024	1036	1042
3	1054	1053	1053	1051	1051	1051	1051	1046	1038	1034	1034	1034	1042	1040	1046
4	1059	1059	1055	1056	1053	1057	1052	1051	1047	1042	1040	1043	1045	1045	1045
5	1064	1065	1065	1064	1064	1064	1063	1063	1053	1046	1037	1037	1043	1052	1060
6	1068	1069	1069	1068	1063	1063	1061	1061	1052	1043	1040	1038	1042	1050	1057
7	1062	1068	1063	1064	1063	1063	1060	1055	1041	1030	1035	1039	1049	1057	1060
8 [b]	1068	1067	1067	1066	1066	1065	1057	1050	1034	1022	1021	1027	1025	1034	1041
9 [b]	1072	1070	1069	1073	1067	1067	1067	1063	1058	1051	1047	1053	1049	1058	1063
10 [b]	1075	1069	1069	1070	1068	1065	1062	1065	1062	1064	1053	1054	1048	1050	1055
11	1077	1065	1074	1074	1072	1070	1072	1069	1062	1054	1049	1046	1049	1054	1059
12	1073	1073	1070	1069	1069	1069	1068	1068	1060	1050	1048	1048	1053	1055	1058
13 [a]	1073	1073	1074	1074	1073	1073	1074	1075	1068	1060	1058	1051	1057	1060	1066
14	1078	1078	1078	1077	1076	1077	1075	1073	1065	1059	1056	1049	1057	1063	1069
15 [a]	1083	1083	1081	1082	1081	1079	1079	1075	1063	1054	1045	1035	1045	1055	1063
16	1084	1085	1084	1084	1082	1081	1078	1072	1066	1057	1053	1051	1055	1067	1076
17	1083	1083	1082	1081	1079	1081	1079	1073	1062	1056	1047	1043	1050	1059	1062
18	1083	1079	1079	1079	1080	1076	1078	1078	1075	1073	1065	1061	1061	1070	1076
19	1075	1074	1074	1074	1072	1073	1074	1068	1060	1052	1050	1051	1056	1068	1073
20	1074	1074	1072	1071	1071	1072	1073	1071	1064	1055	1047	1042	1050	1063	1074
21	1082	1080	1078	1076	1078	1078	1076	1069	1059	1052	1044	1042	1053	1069	1079
22	1091	1089	1088	1085	1084	1082	1084	1078	1066	1056	1048	1051	1063	1076	1090
23 [a]	1096	1094	1094	1093	1091	1089	1089	1083	1075	1064	1056	1054	1068	1082	1092
24	1100	1098	1097	1094	1091	1093	1090	1087	1079	1065	1059	1057	1065	1076	1087
25	1084	1087	1081	1080	1079	1078	1076	1073	1061	1054	1048	1051	1061	1072	1075
26	1080	1080	1078	1078	1079	1082	1081	1075	1065	1052	1047	1053	1059	1062	1071
27 [a]	1084	1083	1083	1082	1080	1082	1080	1074	1063	1059	1056	1060	1063	1070	1081
28	1095	1095	1093	1092	1091	1091	1091	1088	1079	1069	1064	1070	1074	1080	1090
29 [b]	1102	1102	1101	1101	1099	1099	1098	1096	1084	1072	1065	1069	1081	1088	1098
30 [b]	1111	1106	1105	1099	1099	1097	1097	1091	1089	1088	1092	1095	1098	1101	1102
31	1109	1106	1108	1105	1105	1105	1102	1096	1090	1083	1083	1086	1095	1100	1103
Mean	1079	1078	1078	1077	1076	1075	1074	1071	1063	1055	1050	1050	1055	1063	1070
Mean [a]	1080	1079	1079	1079	1078	1077	1077	1073	1065	1057	1052	1048	1054	1062	1070
Mean [b]	1086	1083	1082	1082	1080	1079	1076	1073	1065	1059	1056	1060	1060	1066	1072

APRIL, 1916. 10000 γ plus tabular quantities.

	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	1114	1111	1109	1110	1108	1107	1105	1099	1093	1084	1080	1074	1081	1089	1097
2	1114	1112	1112	1110	1109	1109	1106	1100	1090	1082	1078	1077	1086	1096	1106
3	1117	1118	1116	1115	1114	1113	1108	1099	1087	1077	1073	1073	1081	1097	1111
4 [a]	1122	1122	1118	1118	1116	1117	1117	1110	1098	1082	1070	1066	1076	1094	1106
5 [a]	1115	1114	1111	1108	1108	1111	1108	1104	1098	1083	1071	1070	1075	1090	1099
6	1102	1102	1099	1099	1099	1099	1098	1095	1089	1083	1074	1069	1073	1076	1093
7	1093	1093	1093	1093	1093	1095	1095	1092	1084	1077	1074	1075	1082	1084	1092
8	1096	1095	1094	1093	1092	1094	1094	1089	1085	1074	1069	1068	1076	1086	1089
9	1102	1101	1101	1100	1100	1098	1095	1093	1088	1082	1076	1076	1076	1086	1095
10 [a]	1100	1098	1095	1094	1093	1098	1097	1092	1083	1071	1063	1065	1072	1084	1094
11	1101	1098	1098	1094	1094	1094	1094	1091	1086	1080	1075	1077	1083	1089	1096
12	1104	1099	1098	1098	1098	1098	1097	1092	1081	1069	1064	1067	1074	1085	1093
13 [a]	1105	1104	1104	1103	1101	1099	1098	1095	1087	1080	1075	1081	1087	1091	1099
14	1106	1105	1104	1103	1103	1104	1103	1098	1088	1079	1074	1078	1089	1098	1106
15	1102	1102	1102	1096	1097	1097	1095	1088	1082	1069	1065	1066	1076	1088	1095
16	1110	1109	1105	1103	1100	1100	1095	1088	1083	1075	1078	1082	1083	1093	1100
17	1107	1109	1105	1103	1104	1103	1101	1095	1084	1081	1081	1087	1091	1097	1109
18	1113	1113	1113	1113	1110	1109	1104	1100	1090	1083	1078	1082	1090	1103	1112
19	1119	1114	1113	1111	1109	1107	1100	1094	1088	1083	1076	1081	1089	1098	1107
20	1111	1109	1108	1108	1104	1103	1106	1101	1088	1073	1063	1057	1062	1078	1095
21	1110	1110	1107	1104	1102	1100	1100	1095	1086	1070	1063	1066	1072	1084	1093
22	1103	1102	1102	1100	1098	1098	1098	1091	1073	1059	1050	1053	1069	1078	1087
23	1097	1096	1095	1093	1091	1088	1088	1085	1079	1069	1060	1062	1066	1072	1080
24 [a]	1089	1090	1085	1087	1084	1084	1083	1080	1071	1063	1062	1064	1068	1074	1075
25 [b]	1091	1090	1089	1087	1083	1081	1080	1079	1070	1062	1057	1056	1056	1068	1076
26 [b]	1081	1079	1081	1071	1068	1069	1064	1057	1044	1041	1043	1043	1051	1061	1065
27 [b]	1076	1073	1069	1065	1061	1058	1056	1049	1044	1037	1035	1040	1045	1050	1052
28 [b]	1075	1070	1069	1068	1069	1065	1056	1047	1038	1029	1023	1037	1047	1054	1061
29 [b]	1066	1064	1061	1061	1057	1055	1048	1040	1027	1022	1021	1020	1024	1032	1042
30	1063	1061	1062	1058	1057	1054	1051	1048	1044	1042	1042	1045	1045	1054	1056
Mean	1100	1099	1097	1096	1094	1094	1091	1086	1078	1069	1064	1065	1072	1081	1089
Mean [a]	1106	1106	1103	1102	1100	1102	1101	1096	1087	1076	1068	1069	1076	1087	1095
Mean [b]	1078	1075	1074	1070	1068	1066	1061	1054	1045	1038	1036	1039	1045	1053	1059

[a] Five international quiet days. [b] Five international disturbed days.

HOURLY VALUES OF VERTICAL INTENSITY.

MARCH, 1916. 10000 γ plus tabular quantities.

16 h	17 h	18 h	19 h	20 h	21 h	22 h	23 h	24 h	Mean.	Maximum.			Minimum.			Range.	Day.
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h.	m.	γ	h.	m.	γ	γ	
1052	1053	1054	1055	1056	1056	1056	1055	1054	1055	0	47	1066	13	00	1038	28	1
1046	1046	1047	1050	1050	1051	1051	1052	1053	1046	1	50	1056	12	00	1019	37	2
1050	1049	1050	1054	1055	1056	1059	1057	1056	1048	22	00	1059	11	12	1032	27	3
1046	1052	1056	1060	1061	1060	1061	1062	1063	1053	24	00	1063	10	45	1035	28	4
1065	1062	1061	1062	1064	1065	1064	1069	1068	1059	23	00	1069	11	51	1036	33	5
1060	1058	1059	1058	1059	1060	1062	1063	1065	1058	3	05	1070	11	48	1037	33	6
1060	1058	1059	1063	1064	1064	1065	1067	1067	1057	2	00	1068	10	10	1029	39	7
1054	1053	1055	1050	1063	1059	1060	1072	1079	1052	24	00	1079	10	24	1014	65	8
1064	1062	1062	1073	1069	1069	1065	1072	1074	1064	0	30	1081	11	28	1045	36	9
1056	1063	1065	1069	1072	1070	1072	1069	1073	1064	22	26	1083	9	28	1043	40	10
1062	1060	1060	1067	1066	1070	1068	1070	1072	1064	1	18	1080	11	26	1045	35	11
1062	1065	1064	1068	1069	1070	1073	1073	1072	1064	2	20	1074	12	14	1047	27	12
1069	1069	1066	1069	1070	1073	1074	1075	1076	1069	24	00	1076	12	00	1051	25	13
1072	1073	1072	1075	1076	1077	1079	1081	1082	1072	24	00	1082	11	47	1046	36	14
1067	1070	1072	1077	1076	1077	1078	1081	1082	1070	0	20	1084	12	00	1035	49	15
1082	1083	1084	1085	1086	1087	1085	1084	1083	1076	21	00	1087	12	00	1051	36	16
1073	1071	1075	1074	1078	1080	1082	1081	1081	1071	1	36	1084	12	00	1043	41	17
1073	1074	1074	1075	1073	1074	1071	1073	1075	1074	0	52	1085	12	30	1060	25	18
1076	1074	1072	1073	1073	1074	1073	1074	1073	1069	16	00	1076	11	00	1050	26	19
1079	1079	1073	1075	1079	1078	1078	1080	1081	1070	24	00	1081	11	50	1040	41	20
1081	1087	1082	1085	1087	1088	1088	1090	1092	1075	24	00	1092	12	00	1042	50	21
1098	1097	1092	1093	1096	1097	1096	1097	1097	1083	16	00	1098	11	00	1048	50	22
1098	1097	1094	1097	1099	1099	1100	1101	1101	1088	23	30	1102	12	00	1054	48	23
1085	1082	1082	1083	1083	1082	1082	1084	1081	1083	1	00	1100	12	00	1057	43	24
1079	1083	1083	1083	1083	1083	1084	1084	1084	1075	1	50	1088	11	00	1048	40	25
1077	1080	1080	1082	1083	1084	1086	1086	1087	1074	24	00	1087	11	00	1047	40	26
1086	1089	1091	1092	1096	1097	1095	1095	1095	1080	21	00	1097	11	00	1056	41	27
1096	1096	1098	1100	1102	1102	1102	1102	1103	1090	24	00	1103	11	00	1064	39	28
1101	1101	1100	1103	1105	1108	1107	1103	1107	1096	22	10	1114	11	24	1063	51	29
1109	1110	1108	1109	1111	1109	1110	1110	1111	1102	20	33	1114	10	10	1087	27	30
1109	1115	1112	1110	1111	1115	1115	1117	1116	1104	23	10	1119	11	33	1081	38	31
1074	1075	1074	1076	1078	1079	1079	1080	1081	1071	---		1084	---		1046	38	---
1074	1076	1075	1078	1079	1080	1081	1081	1082	1072	---		1085	---		1047	38	---
1077	1078	1078	1081	1084	1083	1083	1085	1089	1076	---		1094	---		1050	44	---

APRIL, 1916. 10000 γ plus tabular quantities.

γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h.	m.	γ	h.	m.	γ	γ	
1102	1106	1107	1111	1112	1116	1117	1118	1116	1103	21	32	1120	11	40	1073	47	1
1108	1108	1108	1111	1114	1116	1116	1117	1118	1104	24	00	1118	12	00	1077	41	2
1118	1120	1117	1120	1122	1123	1123	1124	1124	1108	23	38	1125	11	50	1072	53	3
1114	1113	1112	1114	1115	1116	1115	1115	1115	1107	2	30	1123	12	00	1066	57	4
1106	1107	1103	1103	1104	1103	1102	1100	1102	1100	1	00	1115	12	00	1070	45	5
1096	1099	1096	1096	1096	1096	1095	1096	1094	1092	2	42	1103	12	00	1069	34	6
1097	1095	1094	1094	1095	1097	1096	1096	1098	1091	16	15	1099	11	00	1074	25	7
1096	1097	1097	1099	1100	1100	1104	1103	1105	1091	22	04	1106	10	48	1066	40	8
1099	1099	1099	1099	1101	1100	1100	1100	1100	1094	1	00	1102	12	42	1075	27	9
1097	1098	1098	1100	1102	1103	1102	1102	1103	1092	20	55	1104	11	00	1063	41	10
1098	1100	1100	1101	1101	1102	1103	1105	1105	1094	22	50	1106	11	00	1075	31	11
1099	1101	1100	1102	1104	1102	1104	1105	1106	1093	20	25	1107	11	00	1064	43	12
1104	1104	1101	1103	1106	1108	1109	1109	1109	1098	22	47	1110	11	00	1075	35	13
1111	1107	1104	1104	1104	1104	1103	1103	1103	1099	16	00	1111	11	00	1074	37	14
1098	1103	1103	1107	1108	1110	1110	1110	1111	1095	22	15	1113	11	00	1065	48	15
1101	1100	1101	1104	1105	1107	1107	1109	1110	1098	1	12	1111	10	00	1075	36	16
1113	1112	1111	1114	1114	1116	1116	1116	1115	1104	22	25	1117	10	30	1080	37	17
1116	1114	1112	1116	1120	1119	1119	1120	1120	1107	20	10	1121	11	00	1078	43	18
1109	1106	1104	1105	1107	1110	1109	1111	1111	1103	1	00	1119	11	00	1076	43	19
1100	1100	1098	1101	1104	1104	1108	1108	1110	1096	1	00	1111	12	00	1057	54	20
1098	1098	1096	1096	1100	1099	1100	1100	1102	1098	0	06	1111	11	00	1063	48	21
1089	1089	1089	1090	1091	1095	1095	1097	1097	1087	1	00	1103	10	27	1047	56	22
1085	1087	1083	1085	1088	1088	1090	1089	1089	1084	1	00	1097	11	00	1060	37	23
1080	1085	1085	1087	1088	1090	1091	1092	1091	1081	23	00	1092	11	00	1062	30	24
1082	1079	1080	1079	1082	1082	1082	1082	1083	1077	1	00	1091	12	33	1053	38	25
1065	1066	1067	1071	1072	1073	1075	1076	1076	1065	0	44	1087	11	29	1038	49	26
1058	1060	1065	1066	1068	1070	1070	1074	1076	1059	21	10	1078	11	00	1035	43	27
1063	1062	1062	1064	1062	1064	1066	1064	1066	1058	0	22	1076	11	07	1022	54	28
1045	1049	1048	1053	1056	1061	1062	1061	1064	1047	1	00	1066	11	56	1017	49	29
1056	1056	1056	1058	1061	1062	1062	1064	1063	1055	23	00	1063	9	42	1041	22	30
1093	1094	1093	1095	1097	1098	1098	1099	1099	1089	---		1104	---		1062	42	---
1100	1101	1100	1101	1103	1104	1104	1104	1104	1096	---		1109	---		1067	42	---
1063	1063	1064	1067	1068	1070	1071	1071	1073	1061	---		1080	---		1033	47	---

HOURLY VALUES OF VERTICAL INTENSITY.

MAY, 1916. 10000 γ plus tabular quantities.

Day.	1 h	2 h	3 h	4 h	5 h	6 h	7 h	8 h	9 h	10 h	11 h	12 h	13 h	14 h.	15 h
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	1059	1059	1059	1055	1054	1051	1039	1029	1021	1017	1021	1026	1027	1035	1041
2	1057	1053	1052	1051	1050	1049	1042	1035	1025	1011	1012	1015	1021	1039	1043
3	1060	1057	1059	1059	1058	1057	1056	1050	1040	1036	1036	1036	1040	1041	1048
4	1055	1052	1052	1052	1051	1051	1045	1039	1030	1016	1008	1016	1025	1034	1041
5	1043	1042	1041	1037	1037	1039	1036	1031	1022	1014	1009	1011	1017	1033	1044
6	1055	1053	1053	1053	1052	1051	1046	1041	1036	1030	1027	1030	1038	1043	1053
7	1064	1064	1063	1062	1062	1061	1056	1051	1045	1041	1037	1039	1041	1042	1046
8	1060	1060	1059	1059	1057	1056	1045	1039	1031	1022	1020	1025	1027	1028	1032
9	1049	1048	1047	1046	1046	1044	1037	1034	1024	1017	1016	1010	1017	1023	1029
10	1048	1047	1047	1045	1044	1040	1041	1038	1035	1031	1029	1034	1034	1036	1037
11	1044	1043	1040	1038	1037	1036	1038	1034	1029	1020	1019	1019	1022	1027	1039
12	1048	1047	1046	1042	1040	1037	1039	1038	1035	1028	1029	1030	1029	1039	1045
13 [a]	1052	1054	1052	1050	1050	1050	1051	1051	1049	1042	1037	1036	1037	1037	1042
14 [a]	1054	1051	1049	1048	1047	1047	1042	1038	1022	1018	1014	1015	1020	1022	1028
15 [a]	1047	1044	1043	1043	1041	1039	1034	1029	1023	1019	1019	1022	1029	1036	1040
16	1048	1047	1046	1045	1043	1043	1030	1022	1017	1013	1011	1014	1020	1027	1031
17	1045	1039	1039	1037	1034	1031	1029	1021	1018	1011	1010	1006	1011	1018	1027
18 [a]	1048	1048	1048	1047	1046	1044	1037	1025	1022	1019	1024	1025	1029	1031	1039
19	1051	1051	1050	1049	1049	1049	1045	1040	1035	1029	1025	1024	1028	1034	1040
20	1060	1060	1060	1060	1062	1062	1059	1054	1040	1031	1022	1021	1022	1029	1039
21 [b]	1059	1060	1060	1060	1058	1058	1055	1044	1036	1026	1024	1023	1025	1038	1044
22 [b]	1059	1062	1053	1057	1056	1056	1054	1043	1038	1032	1035	1039	1050	1053	1055
23 [b]	1066	1061	1058	1058	1058	1056	1052	1042	1037	1028	1030	1034	1036	1042	1048
24	1065	1066	1066	1064	1065	1065	1065	1062	1052	1040	1035	1035	1040	1044	1049
25	1069	1070	1070	1069	1070	1072	1068	1058	1045	1036	1032	1035	1044	1047	1053
26	1070	1070	1070	1071	1070	1070	1067	1061	1052	1045	1042	1047	1054	1057	1064
27 [a]	1072	1071	1071	1071	1072	1074	1070	1062	1051	1042	1042	1047	1046	1051	1059
28	1072	1072	1072	1071	1071	1073	1072	1066	1057	1054	1053	1052	1056	1059	1058
29	1071	1072	1072	1072	1072	1072	1066	1058	1055	1049	1051	1058	1060	1063	1064
30 [b]	1071	1072	1072	1072	1073	1075	1068	1063	1053	1052	1047	1045	1056	1059	1064
31 [b]	1073	1071	1073	1069	1069	1069	1064	1060	1052	1045	1047	1047	1056	1064	1071
Mean	1058	1057	1056	1055	1055	1054	1050	1044	1036	1029	1028	1030	1034	1040	1046
Mean [a]	1055	1054	1053	1052	1051	1051	1047	1041	1033	1028	1027	1029	1032	1035	1042
Mean [b]	1066	1065	1063	1063	1063	1063	1059	1050	1043	1037	1037	1038	1045	1051	1056

JUNE, 1916. 10000 γ plus tabular quantities.

	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	1066	1065	1064	1064	1065	1064	1057	1054	1045	1036	1033	1030	1033	1039	1045
2 [a]	1057	1056	1054	1052	1052	1052	1043	1034	1029	1026	1022	1028	1036	1044	1046
3 [a]	1065	1065	1063	1062	1059	1059	1053	1044	1035	1031	1032	1039	1043	1050	1059
4	1069	1070	1069	1069	1069	1069	1065	1059	1051	1045	1046	1047	1052	1060	1063
5	1068	1067	1065	1065	1065	1065	1057	1050	1048	1046	1047	1045	1046	1053	1060
6	1067	1066	1066	1066	1066	1066	1058	1050	1047	1043	1045	1045	1050	1056	1061
7	1071	1069	1067	1067	1067	1061	1059	1056	1049	1046	1042	1038	1043	1054	1056
8 [b]	1066	1066	1064	1062	1061	1059	1053	1050	1042	1039	1038	1039	1040	1044	1054
9	1067	1065	1064	1063	1061	1060	1053	1050	1041	1031	1028	1028	1036	1044	1052
10 [a]	1068	1066	1066	1064	1062	1062	1060	1054	1047	1041	1037	1042	1053	1056	1057
11	1070	1069	1068	1068	1065	1062	1060	1055	1050	1049	1051	1051	1052	1056	1057
12	1064	1062	1061	1060	1056	1055	1052	1047	1042	1041	1042	1043	1050	1055	1061
13	1047	1046	1045	1040	1040	1040	1038	1030	1022	1018	1017	1022	1027	1036	1036
14	1031	1030	1030	1028	1029	1028	1020	1012	1004	1001	1009	1011	1020	1022	1022
15 [a]	1017	1016	1013	1011	1012	1016	1008	1001	989	984	975	984	992	1001	1003
16 [a]	1015	1015	1015	1015	1014	1015	1013	1008	1005	1004	998	1000	1002	1004	1005
17	1027	1027	1027	1027	1028	1030	1028	1021	1017	1007	1006	1004	1004	1005	1015
18 [b]	1028	1027	1026	1025	1026	1033	1025	1018	1009	1000	989	990	997	1007	1016
19 [b]	1039	1042	1039	1041	1039	1041	1032	1026	1028	1029	1023	1034	1037	1036	1036
20	1039	1038	1039	1039	1042	1042	1029	1019	1015	1011	1009	1005	1006	1020	1032
21	1038	1037	1037	1037	1037	1036	1036	1036	1025	1021	1013	1016	1022	1025	1033
22 [b]	1037	1036	1036	1036	1028	1031	1029	1026	1016	1015	1011	1016	1019	1025	1027
23 [b]	1032	1031	1030	1026	1025	1025	1022	1013	1010	1003	999	999	1008	1010	1012
24	1038	1038	1038	1032	1033	1033	1035	1032	1026	1013	1010	1007	1012	1018	1026
25	1037	1037	1037	1037	1037	1038	1038	1032	1028	1021	1018	1015	1019	1020	1024
26	1038	1036	1032	1032	1031	1032	1041	1034	1028	1018	1009	1008	1014	1013	1014
27	1034	1035	1035	1037	1037	1037	1035	1032	1028	1020	1012	1005	1011	1013	1023
28	1042	1041	1040	1038	1038	1039	1035	1030	1024	1024	1020	1022	1026	1031	1031
29	1041	1042	1041	1040	1039	1042	1033	1020	1012	1010	1007	1006	1012	1014	1014
30	1034	1035	1036	1037	1037	1037	1036	1035	1028	1019	1017	1016	1016	1024	1027
Mean	1047	1046	1046	1045	1044	1044	1040	1034	1028	1023	1020	1021	1026	1031	1036
Mean [a]	1044	1044	1042	1041	1040	1041	1035	1028	1021	1017	1013	1019	1025	1031	1034
Mean [b]	1040	1040	1039	1038	1036	1038	1032	1027	1021	1017	1012	1016	1020	1024	1029

[a] Five international quiet days. [b] Five international disturbed days.

HOURLY VALUES OF VERTICAL INTENSITY.

MAY, 1916. 10000 γ plus tabular quantities.

16 h	17 h	18 h	19 h	20 h	21 h	22 h	23 h	24 h	Mean.	Maximum.		Minimum.		Range.	Day.
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h. m.	γ	h. m.	γ	γ	
1048	1049	1051	1051	1053	1054	1055	1057	1058	1045	1 20	1061	10 06	1016	45	1
1049	1052	1051	1053	1053	1057	1057	1060	1058	1044	23 50	1062	10 00	1011	51	2
1054	1057	1057	1054	1054	1054	1054	1054	1054	1051	2 16	1062	11 42	1030	32	3
1050	1050	1050	1049	1049	1049	1049	1045	1043	1042	1 00	1055	11 00	1008	47	4
1046	1046	1046	1049	1050	1052	1053	1052	1051	1038	22 04	1061	11 24	1005	56	5
1054	1056	1052	1059	1058	1061	1061	1062	1064	1050	23 08	1066	11 00	1027	39	6
1055	1059	1055	1055	1056	1057	1059	1059	1060	1054	1 48	1065	11 00	1037	28	7
1039	1043	1047	1048	1050	1050	1050	1050	1050	1044	1 34	1061	10 50	1018	43	8
1037	1044	1045	1045	1045	1046	1049	1047	1046	1037	0 10	1050	12 00	1010	40	9
1040	1044	1045	1045	1045	1045	1045	1045	1044	1041	1 00	1048	11 00	1029	19	10
1044	1045	1043	1047	1045	1046	1046	1049	1049	1037	21 32	1051	10 33	1018	33	11
1051	1051	1050	1050	1049	1049	1049	1051	1051	1043	18 20	1052	10 00	1028	24	12
1050	1051	1051	1052	1054	1055	1054	1054	1052	1048	21 00	1055	12 00	1036	19	13
1036	1043	1045	1045	1045	1045	1045	1046	1046	1038	0 26	1056	11 00	1014	42	14
1045	1046	1045	1046	1047	1047	1047	1047	1048	1039	23 50	1049	10 52	1018	31	15
1039	1041	1041	1041	1042	1042	1042	1042	1043	1035	1 00	1048	11 30	1010	38	16
1033	1038	1040	1043	1042	1042	1043	1046	1046	1031	1 40	1048	12 00	1006	42	17
1041	1046	1047	1047	1048	1049	1049	1050	1050	1040	23 30	1051	10 00	1019	32	18
1049	1052	1052	1051	1051	1054	1056	1058	1059	1045	24 00	1059	12 00	1024	35	19
1044	1048	1051	1051	1051	1051	1053	1054	1057	1048	5 30	1063	12 00	1021	42	20
1050	1051	1053	1052	1053	1055	1052	1056	1061	1048	24 00	1061	11 30	1021	40	21
1062	1061	1060	1055	1062	1062	1062	1061	1061	1054	0 22	1064	10 12	1030	34	22
1056	1061	1058	1060	1058	1060	1060	1061	1062	1052	1 00	1066	10 05	1027	39	23
1056	1061	1062	1061	1061	1065	1067	1066	1067	1057	21 46	1068	11 24	1032	36	24
1056	1062	1063	1065	1065	1067	1068	1070	1069	1059	6 00	1072	11 00	1032	40	25
1064	1065	1067	1065	1066	1067	1069	1071	1073	1063	24 00	1073	11 00	1042	31	26
1064	1065	1064	1065	1067	1067	1069	1071	1072	1063	5 30	1076	10 30	1040	36	27
1062	1063	1065	1066	1066	1067	1068	1068	1069	1065	6 00	1073	12 00	1052	21	28
1067	1068	1067	1067	1069	1068	1067	1068	1068	1065	2 24	1073	10 00	1049	24	29
1065	1070	1071	1065	1071	1068	1074	1069	1071	1065	6 00	1075	11 45	1044	31	30
1074	1073	1070	1069	1065	1064	1065	1064	1064	1064	15 22	1076	10 10	1044	32	31
1051	1054	1054	1054	1055	1055	1056	1057	1057	1049	---------	1061	---------	1026	35	-------
1047	1050	1050	1051	1052	1053	1053	1054	1054	1046	---------	1057	---------	1025	32	-------
1061	1063	1062	1060	1062	1062	1063	1062	1064	1057	---------	1068	---------	1033	35	-------

JUNE, 1916. 10000 γ plus tabular quantities.

γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h. m.	γ	h. m.	γ	γ	
1055	1060	1062	1061	1058	1055	1055	1055	1056	1053	0 50	1068	11 31	1028	40	1
1053	1058	1062	1062	1062	1062	1063	1065	1064	1049	23 00	1065	11 00	1022	43	2
1065	1065	1065	1066	1066	1066	1067	1068	1067	1056	23 00	1068	10 00	1031	37	3
1067	1067	1066	1066	1067	1068	1067	1068	1068	1063	2 00	1070	10 00	1045	25	4
1063	1064	1065	1064	1065	1066	1068	1068	1067	1060	22 20	1070	11 30	1044	26	5
1066	1068	1066	1066	1067	1068	1068	1069	1070	1061	22 20	1073	11 33	1040	33	6
1063	1063	1063	1064	1065	1067	1065	1063	1065	1059	1 00	1071	12 00	1038	33	7
1064	1062	1060	1062	1063	1066	1067	1067	1066	1056	22 54	1070	12 42	1035	35	8
1058	1065	1064	1064	1065	1064	1065	1065	1065	1055	0 50	1068	10 28	1026	42	9
1063	1063	1064	1065	1066	1070	1070	1070	1070	1060	21 30	1071	11 20	1034	37	10
1062	1063	1063	1063	1062	1063	1064	1064	1064	1060	0 20	1071	10 00	1049	22	11
1061	1057	1054	1054	1054	1051	1050	1046	1046	1053	0 15	1065	9 20	1038	27	12
1037	1037	1038	1037	1036	1036	1036	1034	1031	1034	1 00	1047	11 38	1015	32	13
1024	1022	1018	1018	1017	1016	1017	1016	1015	1019	0 25	1032	9 42	998	34	14
1007	1010	1010	1011	1012	1013	1013	1013	1013	1005	1 00	1017	11 00	975	42	15
1010	1014	1015	1018	1020	1023	1024	1024	1025	1013	24 00	1025	11 00	998	27	16
1023	1029	1021	1021	1021	1023	1025	1025	1026	1020	6 00	1030	12 10	1002	28	17
1027	1029	1035	1034	1035	1036	1036	1037	1039	1022	22 50	1041	11 20	986	55	18
1036	1037	1041	1038	1038	1038	1042	1038	1038	1036	22 05	1043	11 00	1023	20	19
1038	1040	1040	1040	1040	1039	1040	1040	1038	1031	0 40	1044	12 30	1003	41	20
1034	1033	1034	1035	1036	1035	1035	1036	1035	1032	0 20	1039	11 00	1013	26	21
1029	1030	1030	1031	1030	1030	1030	1030	1033	1028	1 06	1039	11 00	1011	28	22
1019	1021	1029	1030	1030	1032	1035	1035	1035	1021	22 28	1037	11 08	997	40	23
1032	1033	1033	1035	1035	1036	1037	1037	1037	1029	0 15	1039	11 36	1005	34	24
1037	1035	1033	1035	1033	1036	1036	1036	1037	1032	6 20	1039	11 20	1013	26	25
1020	1028	1029	1029	1030	1031	1032	1033	1033	1027	0 35	1039	11 03	1007	32	26
1029	1030	1029	1030	1032	1035	1037	1038	1040	1029	24 00	1040	12 00	1005	35	27
1036	1038	1036	1036	1038	1039	1039	1040	1040	1034	1 00	1042	11 00	1020	22	28
1017	1021	1026	1030	1031	1032	1033	1034	1034	1026	2 00	1042	12 00	1006	36	29
1032	1032	1031	1030	1031	1032	1035	1035	1035	1030	4 20	1047	11 30	1014	33	30
1041	1042	1043	1043	1044	1044	1045	1045	1045	1038	---------	1050	---------	1017	33	-------
1040	1042	1043	1044	1045	1047	1047	1048	1048	1037	---------	1049	---------	1012	37	-------
1035	1036	1039	1039	1039	1040	1042	1041	1042	1033	---------	1046	---------	1010	36	-------

HOURLY VALUES OF VERTICAL INTENSITY.

JULY, 1916. 10000 γ plus tabular quantities.

Day.	1 h	2 h	3 h	4 h	5 h	6 h	7 h	8 h	9 h	10 h	11 h	12 h	13 h	14 h	15 h
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1 [b]	1037	1036	1036	1036	1037	1040	1039	1031	1009	1021	1025	1026	1024	1021	1032
2	1042	1040	1037	1037	1037	1039	1028	1027	1016	1008	1007	1008	1007	1013	1019
3	1031	1031	1031	1026	1031	1031	1027	1013	999	983	985	990	993	1000	1002
4	1032	1032	1032	1032	1031	1031	1030	1023	1021	1014	1012	1013	1018	1017	1018
5	1030	1030	1031	1029	1023	1029	1022	1017	1012	1011	1008	1002	1017	1023	1025
6	1027	1026	1026	1027	1029	1030	1027	1018	1010	1005	995	1003	1008	1005	1014
7 [a]	1024	1022	1022	1021	1021	1022	1023	1024	1021	1012	1010	1008	1011	1010	1015
8 [b]	1027	1026	1026	1024	1022	1022	1021	1020	1011	1010	1003	1006	1005	1005	1013
9 [b]	1031	1031	1033	1036	1032	1033	1038	1029	1023	1017	1017	1022	1031	1027	1030
10	1038	1036	1033	1033	1033	1033	1030	1023	1014	1012	1012	1017	1023	1030	1030
11	1034	1033	1033	1033	1033	1033	1027	1025	1014	1012	1003	1008	1013	1021	1020
12	1038	1037	1035	1033	1033	1034	1035	1026	1024	1023	1022	1023	1029	1024	1026
13	1038	1039	1039	1035	1035	1038	1032	1023	1019	1013	1017	1020	1019	1017	1024
14	1038	1038	1037	1035	1037	1034	1031	1030	1023	1019	1012	1013	1016	1019	1025
15 [a]	1031	1031	1032	1032	1032	1032	1029	1022	1013	1001	1002	1004	1006	1012	1018
16	1035	1034	1033	1032	1031	1032	1031	1023	1020	1012	1009	1007	1006	1011	1018
17 [b]	1037	1037	1037	1039	1040	1040	1033	1026	1016	1015	1006	1006	1009	1017	1018
18	1038	1039	1039	1039	1041	1041	1040	1032	1019	1002	999	1000	1009	1012	1019
19	1036	1038	1038	1036	1038	1039	1040	1040	1031	1016	1004	996	1003	1000	1012
20	1035	1034	1036	1035	1036	1040	1037	1035	1026	1016	1017	1016	1023	1024	1031
21	1034	1034	1035	1034	1035	1035	1035	1028	1025	1024	1023	1024	1027	1028	1032
22	1036	1035	1033	1031	1032	1034	1032	1029	1020	1010	1009	1009	1014	1014	1023
23 [b]	1034	1034	1034	1035	1035	1036	1036	1028	1024	1014	1011	1010	1011	1020	1018
24	1032	1030	1032	1033	1033	1033	1034	1029	1023	1016	1015	1011	1010	1015	1020
25	1033	1034	1035	1035	1036	1037	1036	1036	1034	1027	1024	1020	1016	1019	1019
26	1032	1034	1035	1036	1036	1037	1032	1027	1017	1013	1013	1016	1020	1023	1030
27 [a]	1034	1035	1037	1037	1037	1038	1029	1025	1017	1017	1016	1015	1015	1015	1023
28 [a]	1033	1032	1031	1031	1032	1035	1030	1022	1015	1015	1015	1016	1019	1031	1034
29 [a]	1040	1040	1040	1039	1039	1039	1037	1028	1016	1006	1006	1014	1020	1020	1023
30	1042	1043	1042	1041	1040	1042	1038	1032	1023	1023	1023	1025	1026	1027	1030
31	1040	1040	1040	1040	1041	1041	1040	1033	1023	1020	1017	1017	1018	1025	1025
Mean	1034	1034	1034	1034	1034	1035	1032	1027	1019	1013	1011	1012	1015	1018	1022
Mean [a]	1032	1032	1032	1032	1032	1033	1030	1024	1016	1010	1010	1011	1014	1018	1023
Mean [b]	1033	1033	1033	1034	1033	1034	1033	1027	1017	1015	1012	1014	1016	1018	1022

AUGUST, 1916. 10000 γ plus tabular quantities.

	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1 [a]	1045	1044	1043	1043	1044	1044	1043	1033	1024	1022	1014	1015	1017	1021	1030
2	1043	1043	1043	1043	1043	1043	1038	1029	1027	1024	1023	1023	1023	1025	1033
3	1044	1044	1043	1044	1044	1045	1044	1036	1032	1025	1024	1023	1024	1025	1028
4	1045	1044	1044	1043	1042	1044	1040	1028	1015	1007	1006	1013	1016	1023	1025
5	1038	1039	1038	1038	1041	1041	1041	1041	1038	1034	1033	1032	1030	1034	1030
6 [b]	1041	1039	1038	1035	1035	1037	1034	1032	1030	1024	1014	1014	1016	1021	1021
7	1036	1033	1034	1034	1034	1033	1033	1027	1018	1016	1010	1011	1018	1020	1019
8	1039	1040	1039	1039	1034	1036	1033	1031	1030	1026	1022	1020	1022	1024	1027
9	1037	1036	1037	1037	1038	1039	1037	1031	1028	1024	1022	1024	1024	1026	1028
10	1038	1038	1039	1039	1040	1042	1040	1035	1026	1022	1024	1021	1020	1026	1034
11	1035	1035	1036	1035	1034	1034	1031	1027	1017	1003	1008	1007	1007	1013	1016
12	1029	1029	1029	1029	1029	1031	1035	1027	1019	1014	1009	1016	1020	1027	1029
13	1038	1038	1038	1038	1039	1039	1032	1028	1018	1018	1018	1022	1025	1026	1026
14	1038	1037	1035	1034	1034	1035	1032	1028	1023	1023	1024	1024	1024	1028	1032
15 [a]	1037	1034	1035	1035	1035	1036	1029	1019	1014	1014	1014	1016	1020	1026	1030
16 [a]	1039	1039	1040	1039	1040	1043	1039	1029	1019	1011	1006	1010	1018	1026	1035
17 [a]	1038	1037	1038	1037	1038	1039	1030	1018	1006	999	1000	1006	1012	1016	1019
18	1035	1036	1037	1037	1037	1040	1037	1025	1014	1006	1009	1010	1013	1013	1016
19	1037	1036	1036	1037	1038	1040	1039	1030	1022	1012	1007	1007	1015	1022	1021
20	1038	1044	1038	1038	1036	1038	1027	1020	1027	1029	1034	1036	1037	1038	1042
21	1041	1041	1040	1041	1041	1043	1042	1034	1026	1025	1026	1025	1020	1021	1024
22 [b]	1041	1042	1038	1037	1037	1040	1034	1028	1013	1014	1013	1012	1012	1016	1021
23 [b]	1042	1042	1042	1042	1043	1044	1045	1043	1031	1026	1022	1019	1022	1021	1036
24	1048	1041	1041	1040	1040	1045	1035	1022	1016	1020	1014	1018	1018	1018	1026
25 [a]	1047	1046	1047	1046	1045	1046	1039	1028	1018	1017	1021	1028	1036	1042	1042
26 [b]	1048	1048	1048	1048	1048	1049	1039	1028	1025	1024	1019	1028	1036	1039	1043
27 [b]	1049	1050	1049	1048	1048	1044	1042	1030	1022	1020	1010	1030	1039	1039	1047
28	1052	1052	1052	1052	1053	1054	1047	1039	1032	1022	1021	1021	1022	1029	1037
29	1044	1044	1044	1040	1040	1043	1039	1021	1008	1001	998	1001	1011	1020	1023
30	1033	1033	1033	1034	1034	1035	1027	1019	1009	1005	1004	1007	1013	1030	1040
31	1061	1061	1060	1060	1060	1051	1042	1042	1036	1032	1029	1029	1038	1046	1057
Mean	1041	1041	1040	1040	1040	1041	1037	1029	1022	1018	1016	1018	1022	1026	1030
Mean [a]	1041	1040	1041	1040	1040	1042	1036	1025	1016	1013	1011	1015	1021	1026	1031
Mean [b]	1044	1044	1043	1042	1042	1043	1039	1032	1024	1022	1016	1021	1025	1027	1034

[a] Five international quiet days. [b] Five international disturbed days.

HOURLY VALUES OF VERTICAL INTENSITY.

JULY, 1916. 10000 γ plus tabular quantities.

16h	17h	18h	19h	20h	21h	22h	23h	24h	Mean.	Maximum.			Minimum.			Range.	Day.
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h.	m.	γ	h.	m.	γ	γ	
1031	1032	1033	1037	1039	1039	1036	1037	1042	1032	7	18	1053	8	50	1007	46	1
1016	1026	1026	1027	1027	1028	1030	1031	1031	1025	1	03	1043	12	24	1005	38	2
1011	1019	1018	1025	1027	1028	1028	1030	1031	1016	0	20	1033	9	55	981	52	3
1019	1026	1031	1028	1030	1030	1030	1030	1031	1025	2	30	1034	11	20	1010	24	4
1024	1024	1024	1024	1024	1024	1025	1026	1027	1022	3	00	1031	11	15	1000	31	5
1016	1025	1024	1025	1026	1029	1027	1027	1027	1020	0	30	1031	11	15	993	38	6
1022	1024	1025	1024	1024	1025	1026	1026	1026	1020	0	01	1027	11	45	1006	21	7
1022	1027	1026	1026	1027	1027	1029	1029	1030	1020	24	00	1030	10	50	1001	29	8
1041	1039	1033	1035	1032	1035	1036	1040	1034	1031	16	20	1042	10	38	1012	30	9
1031	1030	1032	1030	1030	1030	1030	1031	1033	1028	0	55	1040	10	25	1010	30	10
1026	1026	1027	1032	1033	1034	1034	1038	1040	1026	24	00	1040	10	55	1001	39	11
1028	1028	1026	1032	1033	1034	1035	1037	1037	1030	0	01	1039	11	20	1020	19	12
1025	1026	1026	1029	1030	1034	1035	1038	1038	1029	0	30	1040	10	30	1011	29	13
1025	1028	1030	1033	1033	1034	1034	1033	1032	1029	0	10	1039	11	00	1012	27	14
1026	1026	1027	1032	1032	1034	1034	1035	1035	1024	23	20	1036	10	00	1001	35	15
1029	1034	1033	1033	1033	1035	1035	1037	1037	1027	20	10	1039	13	10	1004	35	16
1025	1026	1027	1027	1034	1032	1034	1037	1033	1027	5	55	1041	11	50	1004	37	17
1022	1024	1026	1031	1033	1031	1033	1034	1034	1027	5	36	1043	11	21	995	48	18
1018	1025	1026	1029	1031	1031	1032	1032	1034	1026	6	55	1041	12	00	996	45	19
1027	1030	1028	1030	1030	1031	1032	1033	1033	1030	6	00	1040	9	55	1014	26	20
1035	1036	1035	1034	1034	1033	1033	1034	1035	1032	17	00	1036	10	30	1021	15	21
1025	1029	1029	1027	1029	1031	1032	1032	1033	1026	1	00	1036	10	55	1007	29	22
1027	1028	1028	1027	1028	1028	1029	1029	1032	1026	6	05	1037	12	03	1008	29	23
1029	1029	1027	1027	1027	1028	1029	1030	1032	1026	5	40	1036	12	36	1006	30	24
1020	1025	1026	1027	1027	1029	1030	1031	1031	1029	6	00	1037	13	00	1016	21	25
1030	1032	1031	1031	1031	1032	1032	1032	1032	1028	6	00	1037	9	54	1011	26	26
1023	1027	1030	1029	1028	1027	1030	1031	1033	1027	5	48	1039	13	36	1013	26	27
1038	1038	1031	1031	1032	1034	1036	1038	1039	1030	24	00	1039	9	05	1013	26	28
1029	1030	1034	1035	1035	1035	1035	1038	1039	1030	0	36	1041	10	50	1003	38	29
1030	1030	1030	1032	1033	1034	1036	1036	1038	1033	2	00	1043	10	36	1021	22	30
1027	1027	1030	1032	1034	1036	1040	1042	1043	1032	24	00	1043	10	33	1013	30	31
1026	1028	1028	1030	1031	1031	1032	1033	1034	1027	----------		1038	----------		1007	31	-------
1028	1029	1029	1030	1030	1031	1032	1034	1034	1026	----------		1036	----------		1007	29	-------
1029	1030	1029	1030	1032	1032	1033	1034	1034	1027	----------		1040	----------		1006	34	-------

AUGUST, 1916. 10000 γ plus tabular quantities.

γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h.	m.	γ	h.	m.	γ	γ	
1037	1039	1039	1040	1040	1041	1041	1042	1043	1035	1	00	1045	11	00	1014	31	1
1031	1031	1036	1042	1041	1041	1043	1044	1045	1036	24	00	1045	11	27	1020	25	2
1033	1037	1038	1041	1041	1043	1042	1044	1044	1037	6	00	1045	12	00	1023	22	3
1027	1033	1034	1034	1035	1035	1036	1036	1037	1031	1	00	1045	11	00	1006	39	4
1030	1030	1033	1035	1036	1038	1038	1043	1038	1036	23	00	1043	11	50	1027	16	5
1027	1028	1028	1030	1030	1035	1032	1032	1033	1029	1	20	1042	12	24	1012	30	6
1025	1027	1034	1034	1035	1036	1036	1037	1038	1028	20	42	1040	10	50	1007	33	7
1027	1028	1035	1036	1035	1036	1036	1037	1037	1032	1	35	1041	12	00	1020	21	8
1030	1034	1034	1033	1034	1035	1035	1036	1037	1032	1	35	1041	11	27	1020	21	9
1034	1035	1031	1031	1033	1033	1034	1034	1035	1033	6	00	1042	12	50	1018	24	10
1021	1023	1022	1023	1025	1027	1028	1029	1029	1024	3	00	1036	10	20	1006	30	11
1031	1031	1029	1033	1033	1033	1036	1037	1037	1028	22	36	1039	11	00	1009	30	12
1027	1028	1029	1034	1036	1036	1036	1035	1036	1031	5	40	1041	9	27	1016	25	13
1034	1034	1032	1035	1032	1037	1033	1037	1035	1032	1	00	1038	10	24	1021	17	14
1029	1034	1034	1034	1035	1035	1036	1038	1037	1029	23	00	1038	10	20	1012	26	15
1040	1045	1036	1034	1035	1035	1036	1036	1036	1032	16	45	1047	11	00	1006	41	16
1026	1025	1026	1028	1030	1030	1031	1031	1033	1025	5	40	1041	10	00	999	42	17
1021	1028	1028	1030	1031	1032	1035	1035	1036	1027	5	40	1042	9	40	1003	39	18
1026	1022	1026	1031	1032	1037	1036	1033	1038	1028	6	00	1040	11	27	1005	35	19
1042	1042	1038	1038	1038	1040	1040	1040	1041	1037	1	55	1046	8	30	1018	28	20
1031	1034	1038	1035	1038	1040	1038	1041	1041	1034	6	06	1044	13	00	1020	24	21
1025	1032	1037	1035	1037	1038	1040	1041	1042	1030	2	00	1042	11	18	1010	32	22
1039	1039	1035	1033	1035	1037	1040	1041	1040	1036	2	21	1052	12	00	1019	33	23
1032	1035	1040	1041	1042	1044	1045	1045	1046	1034	1	06	1050	11	00	1014	36	24
1045	1041	1039	1042	1046	1046	1046	1047	1047	1039	23	10	1049	10	00	1017	32	25
1044	1044	1043	1043	1044	1047	1049	1049	1049	1041	22	40	1051	11	00	1019	32	26
1047	1047	1047	1048	1050	1049	1049	1049	1050	1042	3	42	1064	11	00	1010	54	27
1042	1049	1049	1040	1040	1041	1042	1043	1043	1041	6	00	1054	11	10	1020	34	28
1025	1029	1030	1031	1031	1032	1032	1034	1039	1028	0	10	1045	11	24	996	49	29
1046	1046	1052	1054	1055	1058	1059	1060	1060	1035	23	40	1061	11	20	1002	59	30
1059	1059	1057	1056	1055	1054	1052	1051	1050	1050	2	10	1062	11	12	1028	34	31
1033	1035	1036	1037	1037	1039	1039	1040	1040	1033	----------		1045	----------		1013	32	-------
1035	1037	1035	1036	1037	1037	1038	1039	1039	1032	----------		1044	----------		1010	34	-------
1036	1038	1038	1038	1039	1041	1042	1042	1043	1036	----------		1050	----------		1014	36	-------

HOURLY VALUES OF VERTICAL INTENSITY.

SEPTEMBER, 1916. 10000 γ plus tabular quantities.

Day.	1 h	2 h	3 h	4 h	5 h	6 h	7 h	8 h	9 h	10 h	11 h	12 h	13 h	14 h	15 h
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1 [a]	1050	1049	1047	1047	1046	1049	1041	1036	1016	1005	1005	1013	1015	1022	1031
2	1039	1040	1039	1038	1039	1040	1040	1029	1018	1007	1002	1002	1007	1017	1026
3 [b]	1045	1045	1044	1042	1040	1045	1036	1027	1022	1016	1014	1013	1012	1022	1023
4 [b]	1038	1035	1036	1031	1032	1032	1031	1021	1009	1004	1002	1008	1009	1019	1021
5	1026	1026	1926	1027	1027	1029	1029	1026	1018	1011	1008	1004	1009	1013	1017
6	1026	1026	1026	1024	1024	1024	1021	1012	1002	998	1000	1000	1008	1017	1018
7	1034	1034	1031	1032	1031	1031	1030	1025	1020	1009	1008	1008	1013	1019	1025
8	1037	1028	1029	1031	1030	1031	1025	1008	1006	1000	999	1005	1013	1016	1024
9	1028	1025	1023	1023	1024	1025	1017	1002	993	982	979	984	994	1009	1020
10	1031	1030	1025	1025	1025	1025	1016	1004	1001	991	984	991	995	1002	1011
11	1021	1024	1021	1022	1021	1021	1007	1004	1001	993	990	990	1002	1007	1013
12 [b]	1038	1039	1038	1037	1037	1039	1028	1020	1004	1004	992	994	1001	1008	1023
13	1038	1038	1038	1037	1038	1038	1030	1018	1006	1004	995	996	1006	1021	1030
14	1033	1032	1033	1034	1035	1036	1024	1009	996	989	988	991	1008	1021	1033
15	1036	1036	1037	1038	1038	1039	1028	1007	1003	991	985	990	1005	1022	1033
16	1034	1035	1034	1032	1033	1035	1025	1007	996	999	999	1005	1024	1027	1034
17	1039	1038	1039	1039	1039	1040	1026	1008	1001	995	997	1004	1014	1029	1035
18	1039	1038	1038	1036	1036	1035	1023	1023	1016	1007	1004	1014	1016	1027	1035
19 [a]	1036	1037	1037	1039	1041	1044	1039	1032	1023	1006	1001	1006	1016	1021	1021
20 [a]	1028	1028	1030	1033	1034	1039	1038	1035	1025	1019	1009	1009	1010	1011	1014
21 [a]	1025	1027	1027	1029	1031	1033	1031	1021	1012	1008	1001	1004	1011	1019	1023
22	1031	1032	1035	1036	1037	1037	1032	1027	1020	1010	1007	1010	1019	1027	1029
23	1041	1042	1040	1040	1046	1046	1037	1034	1026	1023	1021	1020	1019	1029	1033
24	1045	1045	1044	1045	1047	1047	1036	1022	1010	1008	1006	1012	1029	1038	1043
25	1050	1051	1051	1051	1051	1055	1056	1045	1043	1031	1026	1024	1027	1037	1046
26	1059	1059	1060	1060	1060	1061	1058	1049	1042	1040	1036	1039	1043	1054	1061
27 [b]	1068	1068	1066	1068	1065	1066	1063	1059	1046	1037	1036	1044	1046	1057	1059
28	1067	1066	1066	1066	1066	1066	1063	1056	1047	1034	1034	1036	1043	1052	1060
29 [a]	1067	1067	1067	1068	1068	1069	1068	1061	1055	1045	1035	1033	1042	1047	1055
30 [b]	1066	1066	1067	1067	1067	1067	1066	1060	1058	1049	1044	1042	1042	1053	1056
Mean	1040	1040	1040	1040	1040	1041	1035	1026	1018	1010	1007	1010	1017	1025	1032
Mean [a]	1041	1042	1042	1043	1044	1047	1043	1037	1026	1017	1010	1013	1019	1024	1029
Mean [b]	1051	1051	1050	1049	1048	1050	1045	1037	1028	1022	1018	1020	1022	1032	1036

OCTOBER, 1916. 10000 γ plus tabular quantities.

	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1 [b]	1049	1051	1052	1052	1052	1057	1052	1052	1048	1038	1036	1034	1032	1031	1033
2	1027	1030	1031	1036	1037	1038	1038	1031	1024	1027	1022	1020	1021	1022	1020
3	1042	1041	1042	1044	1046	1048	1046	1040	1036	1028	1025	1025	1029	1032	1041
4 [a]	1048	1048	1048	1049	1049	1050	1050	1050	1048	1041	1039	1038	1038	1041	1048
5	1048	1049	1051	1052	1054	1054	1054	1049	1046	1040	1033	1035	1043	1053	1057
6 [b]	1056	1055	1055	1056	1055	1054	1056	1056	1052	1044	1041	1038	1039	1044	1044
7 [b]	1053	1054	1054	1058	1050	1048	1048	1050	1039	1050	1046	1046	1053	1047	1041
8 [b]	1037	1038	1041	1042	1043	1044	1043	1033	1033	1022	1022	1032	1040	1045	1054
9	1058	1058	1056	1056	1056	1056	1056	1045	1039	1036	1035	1033	1037	1048	1053
10	1051	1051	1052	1052	1052	1052	1048	1041	1038	1031	1038	1035	1043	1047	1052
11	1050	1050	1050	1050	1051	1052	1051	1044	1034	1023	1023	1026	1026	1033	1038
12	1042	1045	1045	1046	1047	1048	1046	1040	1036	1024	1020	1022	1023	1029	1030
13 [b]	1042	1043	1043	1043	1045	1047	1039	1033	1028	1021	1017	1012	1019	1027	1028
14	1033	1033	1035	1037	1039	1041	1044	1044	1032	1021	1018	1019	1023	1033	1038
15	1041	1043	1043	1044	1045	1046	1047	1047	1036	1025	1021	1021	1025	1034	1036
16 [a]	1040	1040	1042	1043	1044	1044	1045	1045	1042	1034	1028	1025	1025	1030	1031
17 [a]	1043	1043	1044	1044	1044	1044	1044	1041	1036	1025	1017	1018	1023	1026	1033
18 [a]	1034	1034	1034	1035	1035	1038	1038	1037	1028	1018	1013	1012	1015	1019	1026
19	1035	1035	1034	1034	1035	1036	1038	1035	1031	1022	1011	1013	1018	1026	1027
20	1025	1026	1026	1029	1029	1030	1030	1030	1026	1017	1013	1012	1011	1017	1015
21	1023	1024	1025	1026	1028	1028	1025	1025	1025	1024	1020	1024	1025	1022	1025
22	1032	1032	1032	1031	1032	1032	1033	1031	1029	1023	1020	1021	1019	1024	1027
23	1032	1032	1032	1032	1032	1032	1032	1030	1028	1023	1020	1020	1027	1025	1027
24	1030	1030	1031	1030	1031	1031	1031	1029	1027	1019	1018	1017	1023	1022	1026
25	1030	1030	1029	1030	1030	1030	1030	1028	1024	1015	1012	1013	1022	1022	1022
26	1022	1023	1025	1025	1026	1027	1028	1026	1026	1014	1008	1012	1019	1020	1022
27	1025	1026	1027	1027	1028	1029	1028	1024	1019	1016	1013	1017	1022	1024	1025
28 [a]	1029	1030	1030	1030	1030	1030	1031	1030	1029	1022	1019	1018	1024	1027	1026
29	1023	1024	1024	1024	1025	1026	1027	1026	1024	1017	1017	1019	1021	1025	1027
30	1023	1023	1024	1024	1025	1026	1027	1025	1024	1015	1012	1012	1015	1020	1021
31	1027	1028	1029	1031	1032	1033	1034	1031	1027	1023	1018	1018	1020	1023	1025
Mean	1037	1038	1038	1039	1040	1040	1040	1037	1033	1026	1022	1023	1026	1030	1033
Mean [a]	1039	1039	1040	1040	1040	1041	1042	1041	1037	1028	1023	1022	1025	1029	1033
Mean [b]	1047	1048	1049	1050	1049	1050	1048	1045	1040	1035	1032	1032	1037	1039	1040

[a] Five international quiet days. [b] Five international disturbed days.

HOURLY VALUES OF VERTICAL INTENSITY.

SEPTEMBER, 1916. 10000 γ plus tabular quantities.

16 h	17 h	18 h	19 h	20 h	21 h	22 h	23 h	24 h	Mean.	Maximum.			Minimum.			Range.	Day.
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h.	m.	γ	h.	m.	γ	γ	
1036	1036	1038	1040	1040	1040	1040	1040	1039	1034	0	20	1051	11	15	1004	47	1
1034	1039	1040	1040	1043	1043	1044	1044	1044	1031	23	54	1045	11	20	1000	45	2
1029	1034	1035	1038	1034	1037	1032	1037	1037	1032	1	24	1046	13	00	1012	34	3
1025	1023	1023	1023	1023	1023	1023	1023	1023	1022	0	30	1039	11	03	1000	39	4
1017	1023	1022	1022	1024	1023	1023	1023	1023	1021	6	20	1031	12	00	1004	27	5
1024	1026	1029	1031	1032	1033	1035	1035	1033	1021	22	33	1036	10	00	998	38	6
1033	1037	1032	1033	1032	1033	1034	1036	1034	1027	19	30	1039	10	50	1007	32	7
1027	1024	1021	1027	1025	1024	1024	1024	1025	1021	0	42	1039	11	00	999	40	8
1025	1026	1025	1025	1025	1025	1028	1030	1031	1015	24	00	1031	11	00	979	52	9
1016	1019	1020	1019	1019	1019	1021	1022	1022	1014	0	42	1032	10	40	982	50	10
1016	1021	1024	1033	1036	1034	1035	1039	1041	1017	23	42	1043	11	30	988	55	11
1032	1032	1032	1032	1033	1034	1034	1035	1036	1025	0	01	1041	11	24	990	51	12
1034	1034	1032	1032	1033	1034	1030	1035	1032	1026	1	03	1039	11	00	995	44	13
1035	1033	1027	1029	1030	1032	1033	1033	1034	1023	5	30	1037	11	00	988	49	14
1031	1022	1021	1022	1027	1027	1028	1033	1030	1022	6	00	1039	11	24	984	55	15
1033	1032	1031	1034	1032	1032	1034	1034	1035	1026	21	38	1037	9	06	994	43	16
1034	1029	1029	1032	1032	1033	1040	1035	1036	1027	22	08	1042	10	00	995	47	17
1031	1023	1019	1020	1023	1026	1031	1032	1034	1026	0	58	1040	10	37	1003	37	18
1021	1017	1014	1016	1016	1018	1021	1025	1026	1024	6	00	1044	11	00	1001	43	19
1015	1010	1008	1010	1011	1012	1013	1019	1022	1020	6	00	1039	11	06	1008	31	20
1022	1017	1013	1014	1019	1022	1023	1027	1029	1020	6	00	1033	11	20	1000	33	21
1026	1025	1023	1027	1027	1029	1032	1035	1038	1027	24	00	1038	11	00	1007	31	22
1031	1027	1026	1034	1035	1038	1039	1043	1044	1034	5	06	1047	13	00	1019	28	23
1043	1043	1041	1044	1045	1045	1047	1048	1049	1037	23	10	1053	11	36	1004	49	24
1050	1049	1049	1050	1051	1052	1053	1056	1058	1046	23	33	1059	12	00	1024	35	25
1062	1058	1055	1056	1059	1061	1062	1063	1063	1055	23	18	1065	11	24	1033	32	26
1059	1063	1064	1064	1064	1064	1065	1065	1065	1059	1	05	1069	11	10	1034	35	27
1063	1062	1062	1063	1064	1064	1065	1065	1066	1058	0	36	1068	10	45	1033	35	28
1057	1054	1055	1058	1059	1060	1061	1064	1064	1057	6	00	1069	11	24	1030	39	29
1048	1040	1038	1038	1040	1042	1046	1048	1050	1052	3	30	1068	12	03	1041	27	30
1034	1033	1032	1034	1034	1035	1037	1038	1039	1031	---		1045	---		1005	40	---
1030	1027	1026	1028	1029	1030	1032	1035	1036	1031	---		1047	---		1008	39	---
1039	1038	1038	1039	1039	1040	1040	1042	1042	1038	---		1052	---		1015	37	---

OCTOBER, 1916. 10000 γ plus tabular quantities.

γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h.	m.	γ	h.	m.	γ	γ	
1032	1020	1018	1013	1019	1014	1022	1024	1027	1036	6	00	1057	19	20	1011	46	1
1023	1023	1026	1024	1033	1033	1033	1037	1040	1029	24	00	1040	11	20	1018	22	2
1042	1042	1042	1042	1045	1045	1045	1046	1048	1040	23	05	1049	11	06	1024	25	3
1049	1048	1047	1047	1047	1048	1048	1049	1049	1047	6	15	1051	12	10	1037	14	4
1058	1056	1055	1055	1056	1055	1056	1055	1057	1051	16	00	1058	11	00	1033	25	5
1044	1043	1041	1043	1043	1044	1046	1055	1044	1048	0	01	1057	12	00	1038	19	6
1037	1029	1035	1024	1027	1030	1035	1035	1038	1043	3	45	1064	19	00	1024	40	7
1052	1051	1051	1052	1051	1054	1057	1055	1056	1044	22	04	1059	10	06	1020	39	8
1051	1050	1054	1052	1051	1051	1051	1051	1051	1049	1	06	1059	12	12	1032	27	9
1050	1044	1043	1050	1044	1049	1050	1050	1051	1046	18	50	1054	10	00	1031	23	10
1035	1032	1031	1032	1033	1032	1040	1035	1042	1038	6	00	1052	10	50	1021	31	11
1030	1028	1030	1031	1031	1034	1038	1040	1040	1035	6	00	1048	11	00	1020	28	12
1028	1028	1024	1024	1025	1025	1029	1033	1031	1031	5	40	1048	11	33	1010	38	13
1032	1037	1032	1033	1037	1038	1038	1040	1041	1034	6	10	1047	11	20	1016	31	14
1031	1034	1031	1034	1037	1036	1039	1039	1040	1036	6	54	1048	11	20	1020	28	15
1034	1034	1034	1035	1036	1039	1040	1042	1043	1037	7	03	1046	12	24	1023	23	16
1034	1034	1034	1035	1035	1032	1033	1034	1035	1035	5	45	1045	11	32	1016	29	17
1030	1030	1030	1030	1032	1032	1034	1034	1034	1029	6	54	1039	12	00	1012	27	18
1026	1023	1022	1022	1022	1023	1023	1024	1024	1027	7	00	1038	11	18	1010	28	19
1014	1009	1007	1014	1016	1017	1019	1022	1023	1020	5	10	1031	18	42	1004	27	20
1023	1022	1023	1025	1028	1029	1032	1032	1034	1026	22	36	1037	11	20	1018	19	21
1027	1027	1028	1029	1030	1032	1029	1031	1032	1028	0	01	1034	13	00	1019	15	22
1025	1025	1025	1027	1028	1028	1030	1031	1031	1028	2	40	1034	11	30	1018	16	23
1026	1024	1024	1024	1024	1030	1026	1027	1028	1026	5	42	1032	11	20	1015	17	24
1020	1018	1015	1017	1019	1018	1020	1022	1023	1022	3	45	1032	11	00	1012	20	25
1021	1018	1018	1018	1018	1020	1023	1025	1026	1021	7	00	1028	11	00	1008	20	26
1025	1024	1025	1026	1026	1027	1027	1029	1028	1024	5	54	1030	11	00	1013	17	27
1024	1018	1016	1016	1016	1019	1020	1022	1022	1024	7	00	1031	19	30	1015	16	28
1026	1019	1015	1015	1015	1016	1016	1018	1019	1021	7	03	1028	10	50	1014	14	29
1023	1020	1019	1019	1019	1020	1024	1025	1027	1021	22	18	1028	11	45	1010	18	30
1026	1026	1026	1026	1026	1026	1027	1028	1029	1027	7	06	1035	11	08	1016	19	31
1032	1030	1030	1030	1031	1032	1034	1035	1036	1033	---		1043	---		1019	24	---
1034	1033	1032	1033	1033	1034	1035	1036	1937	1034	---		1042	---		1020	22	---
1039	1034	1034	1031	1033	1033	1038	1040	1039	1040	---		1057	---		1021	36	---

HOURLY VALUES OF VERTICAL INTENSITY.

NOVEMBER, 1916.

10000 γ plus tabular quantities.

Day.	1 h	2 h	3 h	4 h	5 h	6 h	7 h	8 h	9 h	10 h	11 h	12 h	13 h	14 h	15 h
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1 [a]	1031	1030	1030	1030	1030	1031	1032	1031	1023	1007	1001	1009	1012	1017	1027
2	1036	1035	1034	1033	1032	1030	1027	1022	1018	1013	1008	1013	1014	1018	1029
3	1032	1032	1031	1031	1032	1037	1033	1032	1032	1023	1022	1022	1027	1026	1026
4 [b]	1040	1040	1041	1040	1039	1039	1038	1038	1034	1029	1029	1029	1028	1032	1032
5 [b]	1043	1043	1041	1040	1038	1039	1040	1040	1035	1027	1016	1008	1018	1024	1031
6 [b]	1042	1040	1038	1038	1037	1037	1030	1028	1020	1016	1007	1009	1016	1023	1024
7	1033	1035	1036	1036	1037	1037	1038	1037	1031	1028	1027	1026	1023	1026	1027
8	1031	1032	1034	1035	1035	1035	1030	1029	1026	1019	1013	1022	1022	1021	1021
9	1029	1031	1033	1034	1035	1036	1037	1034	1027	1025	1017	1019	1024	1021	1019
10	1030	1030	1032	1033	1034	1035	1033	1029	1025	1021	1014	1015	1021	1023	1023
11	1035	1036	1037	1038	1039	1041	1036	1034	1031	1023	1016	1017	1028	1032	1036
12 [b]	1038	1040	1041	1042	1043	1044	1044	1043	1033	1022	1010	1014	1021	1028	1034
13	1040	1041	1040	1043	1040	1037	1043	1043	1041	1035	1034	1035	1039	1037	1034
14 [a]	1042	1042	1043	1044	1044	1045	1045	1045	1045	1045	1040	1036	1033	1032	1032
15	1041	1042	1041	1042	1041	1041	1040	1035	1032	1032	1030	1030	1029	1027	1029
16	1039	1039	1039	1040	1040	1041	1042	1043	1042	1036	1032	1029	1031	1031	1031
17	1033	1033	1033	1033	1033	1033	1035	1037	1035	1032	1028	1026	1023	1027	1028
18	1030	1031	1030	1029	1031	1031	1034	1034	1030	1026	1018	1017	1016	1016	1018
19	1027	1028	1029	1030	1031	1030	1030	1029	1031	1030	1027	1020	1021	1023	1026
20 [a]	1030	1032	1032	1030	1030	1032	1032	1030	1030	1026	1025	1023	1022	1026	1026
21 [a]	1027	1027	1027	1027	1028	1029	1029	1029	1028	1028	1024	1028	1031	1029	1025
22	1036	1037	1038	1039	1041	1042	1042	1042	1043	1041	1033	1032	1032	1034	1033
23	1041	1041	1042	1043	1044	1044	1044	1043	1040	1037	1037	1040	1043	1042	1041
24 [a]	1040	1040	1040	1041	1040	1039	1035	1034	1034	1034	1034	1037	1042	1040	1036
25	1033	1033	1034	1034	1034	1034	1033	1033	1032	1027	1026	1025	1030	1032	1032
26	1034	1035	1037	1034	1035	1038	1034	1034	1033	1030	1028	1030	1026	1028	1032
27 [b]	1034	1034	1036	1036	1036	1036	1038	1033	1029	1031	1031	1030	1034	1028	1031
28	1030	1030	1031	1031	1031	1031	1030	1026	1023	1021	1017	1013	1020	1021	1028
29	1031	1031	1032	1032	1032	1030	1030	1027	1026	1023	1023	1023	1022	1022	1028
30	1031	1030	1031	1033	1034	1035	1034	1031	1028	1028	1027	1026	1021	1026	1028
Mean	1035	1035	1035	1036	1036	1036	1036	1034	1031	1027	1023	1023	1026	1027	1029
Mean [a]	1034	1034	1034	1034	1034	1035	1035	1034	1032	1028	1025	1027	1028	1029	1029
Mean [b]	1039	1039	1039	1039	1039	1038	1038	1036	1030	1025	1019	1018	1023	1027	1030

DECEMBER, 1916.

10000 γ plus tabular quantities.

	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1 [b]	1036	1037	1038	1038	1038	1039	1038	1038	1041	1031	1020	1019	1027	1028	1028
2 [b]	1037	1039	1038	1039	1042	1045	1047	1047	1042	1039	1036	1023	1023	1023	1028
3 [b]	1031	1028	1030	1030	1030	1034	1035	1037	1035	1031	1019	1018	1016	1016	1018
4	1025	1026	1027	1028	1029	1031	1036	1041	1043	1040	1030	1025	1017	1009	1002
5	1010	1011	1014	1017	1020	1024	1025	1026	1023	1015	1007	1009	1010	1010	1009
6 [a]	1013	1014	1017	1019	1020	1023	1025	1028	1028	1026	1022	1016	1015	1011	1007
7	1008	1010	1013	1016	1018	1022	1023	1025	1026	1025	1023	1017	1017	1018	1013
8	1015	1018	1021	1021	1023	1024	1023	1022	1018	1017	1016	1012	1012	1014	1018
9	1021	1021	1022	1023	1025	1026	1025	1026	1025	1024	1023	1020	1018	1020	1016
10 [a]	1011	1012	1015	1017	1018	1021	1021	1021	1018	1014	1005	1002	1004	1005	1007
11	1008	1010	1012	1014	1015	1019	1020	1017	1013	1010	1005	1001	997	1002	1004
12	1012	1014	1015	1018	1021	1023	1027	1029	1025	1018	1012	1003	1007	1010	1011
13	1009	1011	1012	1013	1014	1016	1016	1014	1012	1010	1007	1006	1004	1003	1001
14	1008	1009	1011	1013	1014	1015	1017	1020	1019	1011	1003	1002	999	996	995
15 [b]	997	1000	1002	1003	1005	1005	1007	1007	1007	1004	1004	1002	999	999	1000
16	1005	1009	1011	1012	1013	1014	1016	1016	1017	1008	1003	1004	1003	1003	1003
17	1004	1004	1007	1008	1010	1012	1013	1014	1010	1004	1001	998	995	997	1003
18	1004	1005	1007	1007	1008	1009	1011	1013	1010	1004	1000	1001	999	998	998
19	999	1000	1002	1003	1003	1004	1007	1008	1005	1000	992	989	984	986	985
20	988	990	991	994	998	999	1000	1001	998	992	991	989	986	986	986
21 [a]	994	997	999	1001	1002	1004	1004	1007	1004	1002	1000	997	992	994	994
22 [a]	992	995	998	999	1000	1001	1001	1003	1003	1001	998	994	991	989	985
23 [a]	993	995	998	1000	1002	1003	1004	1005	1005	1001	997	997	998	999	994
24	998	999	1001	1003	1004	1006	1008	1009	1006	1003	998	994	999	999	1002
25	1006	1009	1011	1011	1012	1013	1013	1013	1012	1011	1010	1006	1008	1009	1009
26	1008	1010	1011	1011	1012	1011	1012	1012	1011	1010	1008	1005	1009	1011	1010
27 [b]	1014	1015	1017	1019	1020	1022	1019	1021	1019	1017	1015	1017	1022	1026	1026
28	1023	1023	1023	1023	1023	1022	1021	1022	1020	1015	1013	1019	1021	1026	1024
29	1024	1024	1023	1024	1023	1023	1022	1023	1019	1008	1004	1011	1015	1021	1023
30	1024	1024	1023	1024	1024	1023	1024	1022	1017	1009	1003	1005	1009	1013	1018
31	1022	1022	1022	1021	1022	1022	1022	1022	1019	1006	1002	1001	1009	1015	1015
Mean	1011	1012	1014	1015	1016	1018	1019	1020	1018	1013	1009	1007	1007	1008	1007
Mean [a]	1001	1003	1005	1007	1008	1010	1011	1013	1012	1009	1004	1001	1000	1000	997
Mean [b]	1023	1024	1025	1026	1027	1029	1029	1030	1029	1024	1019	1016	1017	1018	1020

[a] Five international quiet days.

[b] Five international disturbed days.

HOURLY VALUES OF VERTICAL INTENSITY.

NOVEMBER, 1916. 10000 γ plus tabular quantities.

16 h	17 h	18 h	19 h	20 h	21 h	22 h	23 h	24 h	Mean.	Maximum.		Minimum.		Range.	Day.
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h. m.	γ	h. m.	γ	γ	
1030	1034	1036	1036	1036	1037	1037	1037	1036	1028	22 45	1038	11 20	1000	38	1
1031	1030	1029	1031	1031	1032	1033	1034	1034	1027	1 33	1037	10 24	1006	31	2
1028	1030	1033	1035	1045	1039	1045	1043	1041	1032	21 42	1047	10 15	1021	26	3
1032	1034	1032	1038	1041	1039	1040	1042	1042	1036	23 15	1044	9 30	1024	20	4
1033	1034	1036	1034	1038	1040	1040	1041	1043	1034	23 55	1044	12 00	1008	36	5
1025	1027	1029	1030	1031	1033	1033	1033	1037	1028	0 01	1043	11 00	1007	36	6
1028	1022	1028	1029	1030	1030	1030	1033	1032	1031	7 00	1038	9 36	1021	17	7
1025	1022	1023	1026	1026	1026	1028	1029	1029	1027	5 40	1036	11 00	1013	23	8
1021	1022	1025	1026	1027	1028	1028	1029	1029	1027	1 30	1038	11 00	1017	21	9
1025	1026	1028	1030	1032	1034	1034	1036	1035	1028	23 36	1037	11 00	1014	23	10
1036	1035	1035	1036	1036	1036	1037	1038	1038	1034	6 00	1041	11 20	1014	27	11
1037	1033	1035	1040	1036	1037	1035	1041	1040	1035	2 30	1045	11 12	1008	37	12
1034	1035	1036	1036	1035	1037	1040	1041	1042	1038	6 55	1044	11 08	1032	12	13
1032	1034	1036	1036	1036	1038	1040	1041	1042	1040	5 15	1046	14 20	1031	15	14
1033	1035	1034	1034	1034	1035	1037	1039	1039	1036	2 42	1044	10 42	1025	19	15
1032	1032	1031	1031	1031	1031	1033	1034	1034	1035	7 10	1044	11 31	1027	17	16
1027	1026	1025	1026	1026	1028	1030	1030	1031	1030	3 48	1038	12 28	1021	17	17
1019	1021	1020	1024	1020	1022	1025	1026	1028	1025	6 36	1035	11 15	1014	21	18
1027	1026	1026	1025	1025	1026	1028	1030	1031	1027	22 24	1033	12 00	1020	13	19
1026	1025	1025	1025	1025	1026	1027	1028	1028	1028	3 06	1033	11 42	1021	12	20
1027	1029	1030	1031	1033	1034	1034	1034	1035	1029	24 00	1035	10 40	1022	13	21
1030	1036	1037	1037	1037	1039	1039	1041	1042	1038	9 00	1043	16 00	1030	13	22
1038	1036	1035	1035	1036	1038	1038	1040	1041	1040	5 20	1046	10 50	1034	12	23
1035	1034	1033	1032	1032	1032	1033	1033	1034	1036	13 15	1044	20 50	1031	13	24
1031	1031	1031	1032	1032	1033	1034	1034	1035	1032	23 24	1036	12 00	1025	11	25
1033	1032	1026	1030	1030	1030	1025	1033	1034	1032	5 27	1039	22 00	1025	14	26
1030	1029	1028	1028	1029	1029	1030	1030	1030	1032	6 20	1040	10 20	1020	20	27
1027	1029	1029	1029	1028	1029	1030	1031	1031	1027	1 10	1032	12 03	1011	21	28
1030	1029	1027	1027	1027	1028	1029	1032	1032	1028	5 15	1034	10 56	1020	14	29
1027	1026	1026	1027	1033	1033	1033	1039	1038	1030	22 48	1040	13 00	1021	19	30
1030	1030	1030	1031	1032	1033	1034	1035	1035	1032	---	1039	---	1019	20	---
1030	1031	1032	1032	1032	1033	1034	1035	1035	1032	---	1039	---	1021	18	---
1031	1031	1032	1034	1035	1036	1036	1037	1038	1033	---	1043	---	1013	30	---

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γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h. m.	γ	h. m.	γ	γ	
1031	1033	1032	1030	1030	1031	1032	1035	1037	1033	8 36	1042	11 50	1018	24	1
1029	1029	1025	1027	1026	1028	1028	1029	1030	1033	7 20	1048	11 36	1021	27	2
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995	991	989	986	987	990	992	993	995	1002	7 30	1021	19 00	986	35	14
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1003	1000	999	999	999	999	1001	1001	1002	1006	8 40	1018	11 35	998	20	16
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1015	1013	1010	1009	1011	1011	1013	1014	1014	1015	4 24	1024	10 18	1000	24	31
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996	994	992	991	992	993	995	996	998	1001	---	1014	---	990	24	---
1021	1021	1019	1019	1018	1020	1021	1022	1023	1022	---	1033	---	1012	21	---

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